

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081123\
 Data File : VX036952.D
 Acq On : 11 Aug 2023 19:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/14/2023
 Supervised By : Mahesh Dadoda 08/15/2023

Quant Time: Aug 11 23:06:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	130545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228333	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	93778	48.549	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.100%		
35) Dibromofluoromethane	5.385	113	78661	50.121	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.240%		
50) Toluene-d8	8.647	98	256656	46.115	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.220%		
62) 4-Bromofluorobenzene	11.079	95	109348	52.076	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88536	51.339	ug/l	99
3) Chloromethane	1.301	50	73992	47.172	ug/l	97
4) Vinyl Chloride	1.374	62	81351	50.941	ug/l	100
5) Bromomethane	1.599	94	46989	49.285	ug/l	97
6) Chloroethane	1.679	64	52512	67.634	ug/l	98
7) Trichlorofluoromethane	1.886	101	144239	58.487	ug/l	99
8) Diethyl Ether	2.136	74	51674	54.159	ug/l	77
9) 1,1,2-Trichlorotrifluo...	2.325	101	80521	54.345	ug/l	99
10) Methyl Iodide	2.453	142	99497	64.653	ug/l	95
11) Tert butyl alcohol	2.971	59	116049	253.772	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	76384	52.254	ug/l	86
13) Acrolein	2.239	56	65915	252.569	ug/l	98
14) Allyl chloride	2.660	41	125317	43.536	ug/l #	95
15) Acrylonitrile	3.069	53	240118	261.099	ug/l	99
16) Acetone	2.380	43	203092	253.376	ug/l	93
17) Carbon Disulfide	2.508	76	178111	44.148	ug/l	99
18) Methyl Acetate	2.703	43	171520	50.867	ug/l	91
19) Methyl tert-butyl Ether	3.117	73	300062	54.625	ug/l	98
20) Methylene Chloride	2.788	84	88554	49.677	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	85652	52.427	ug/l	91
22) Diisopropyl ether	3.764	45	261420	47.832	ug/l #	87
23) Vinyl Acetate	3.721	43	1010359	241.001	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	159384	52.014	ug/l	98
25) 2-Butanone	4.556	43	329117	253.078	ug/l	91
26) 2,2-Dichloropropane	4.477	77	125386	43.426	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	102249	52.693	ug/l	90
28) Bromochloromethane	4.904	49	66354	44.774	ug/l #	83
29) Tetrahydrofuran	5.007	42	209676	250.082	ug/l #	87
30) Chloroform	5.099	83	173069	55.206	ug/l	95
31) Cyclohexane	5.471	56	121642	45.483	ug/l	88
32) 1,1,1-Trichloroethane	5.385	97	157888	54.965	ug/l	98
36) 1,1-Dichloropropene	5.696	75	119291	50.996	ug/l	97
37) Ethyl Acetate	4.715	43	128586	48.566	ug/l #	94
38) Carbon Tetrachloride	5.678	117	133789	53.797	ug/l	99
39) Methylcyclohexane	7.379	83	123486	42.453	ug/l	93
40) Benzene	6.038	78	352492	51.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	69963	49.406	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	139112	55.905	ug/l	96
43) Isopropyl Acetate	6.342	43	214239	47.007	ug/l #	94
44) Trichloroethene	7.123	130	97370	54.734	ug/l	95
45) 1,2-Dichloropropane	7.434	63	90411	49.756	ug/l	99
46) Dibromomethane	7.580	93	69538	54.680	ug/l	96
47) Bromodichloromethane	7.824	83	137463	52.659	ug/l	99
48) Methyl methacrylate	7.696	41	102967	48.580	ug/l #	88
49) 1,4-Dioxane	7.659	88	45792	1069.453	ug/l #	90
51) 4-Methyl-2-Pentanone	8.574	43	642880	254.895	ug/l	93
52) Toluene	8.720	92	227031	53.238	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	145477	49.307	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	154158	49.516	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	97006	54.115	ug/l	97
56) Ethyl methacrylate	9.116	69	153891	52.720	ug/l	90
57) 1,3-Dichloropropane	9.311	76	160256	53.674	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	336697	234.096	ug/l	94
59) 2-Hexanone	9.433	43	489167	261.329	ug/l	91
60) Dibromochloromethane	9.519	129	106128	53.865	ug/l	99
61) 1,2-Dibromoethane	9.610	107	105565	56.821	ug/l	99
64) Tetrachloroethene	9.275	164	88350	57.062	ug/l	97
65) Chlorobenzene	10.079	112	246761	53.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	94730	53.564	ug/l	98
67) Ethyl Benzene	10.195	91	442917	52.988	ug/l	99
68) m/p-Xylenes	10.299	106	337969	108.366	ug/l	98
69) o-Xylene	10.640	106	170340	54.718	ug/l	97
70) Styrene	10.653	104	282822	55.064	ug/l	98
71) Bromoform	10.799	173	76170	53.205	ug/l #	99
73) Isopropylbenzene	10.963	105	433626	49.008	ug/l	99
74) N-amyl acetate	10.842	43	180774	43.813	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	148173	49.582	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	125779m	50.017	ug/l	
77) Bromobenzene	11.195	156	106501	52.854	ug/l	92
78) n-propylbenzene	11.305	91	488896	47.777	ug/l	99
79) 2-Chlorotoluene	11.366	91	308568	49.763	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	363824	49.152	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	46550	41.956	ug/l	88
82) 4-Chlorotoluene	11.451	91	357172	50.554	ug/l	99
83) tert-Butylbenzene	11.713	119	346101	47.595	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	368537	49.784	ug/l	97
85) sec-Butylbenzene	11.890	105	414423	45.699	ug/l	99
86) p-Isopropyltoluene	12.006	119	352467	47.235	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	199205	53.377	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	204019	55.085	ug/l	99
89) n-Butylbenzene	12.329	91	300593	45.000	ug/l	99
90) Hexachloroethane	12.536	117	62331	41.204	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	196330	54.515	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	36865	53.085	ug/l	85
93) 1,2,4-Trichlorobenzene	13.585	180	114954	51.809	ug/l	99
94) Hexachlorobutadiene	13.725	225	42873	46.705	ug/l	99
95) Naphthalene	13.774	128	445516	57.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	115815	52.959	ug/l	98

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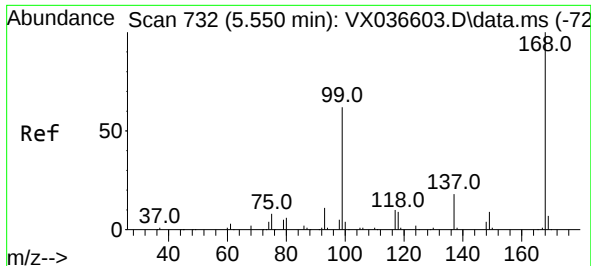
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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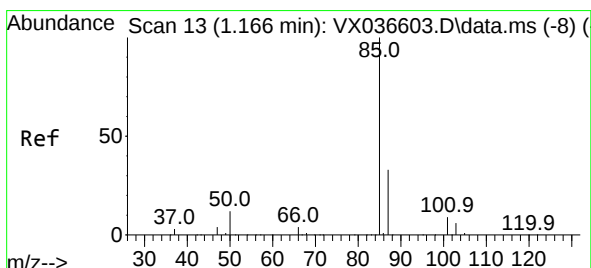
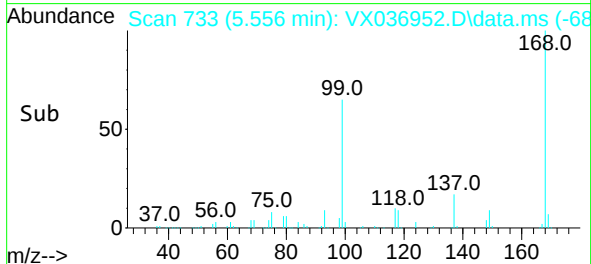
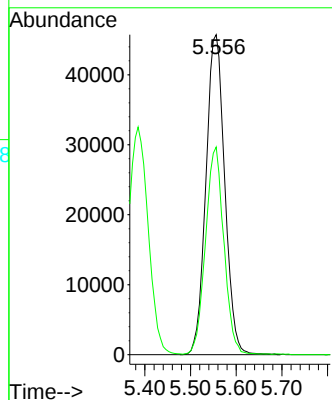
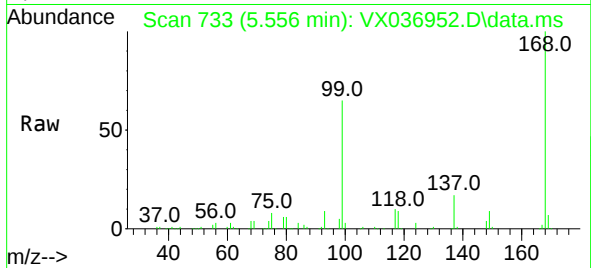
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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Tgt Ion:168 Resp: 130549
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0

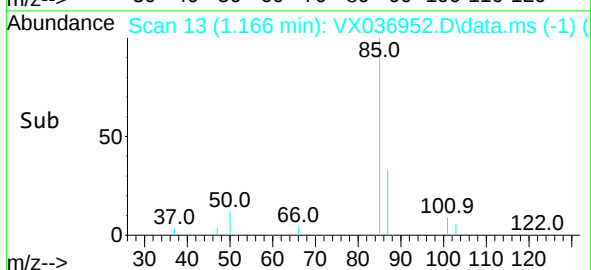
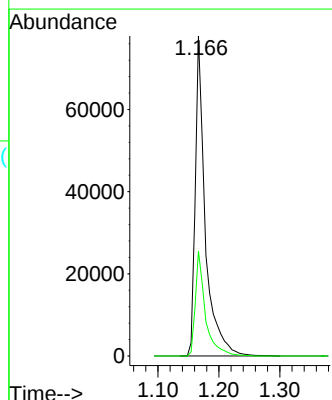
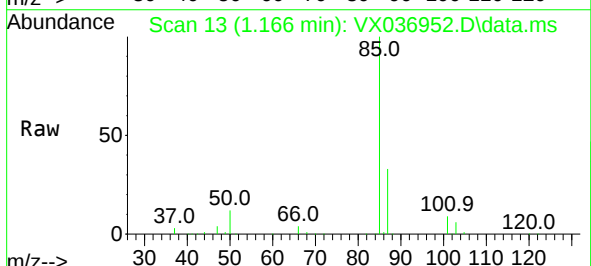
Manual Integrations
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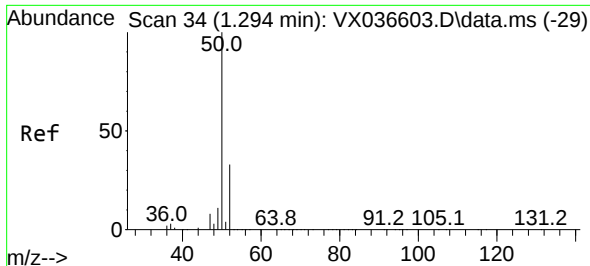
Reviewed By :John Carlone 08/14/2023
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#2
Dichlorodifluoromethane
Concen: 51.339 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

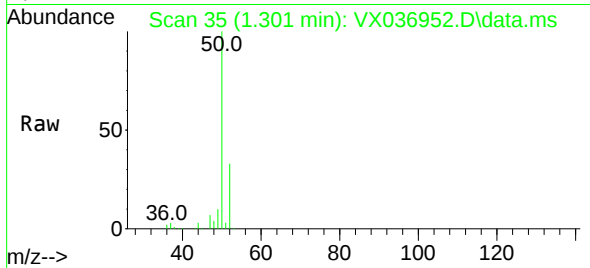
Tgt Ion: 85 Resp: 88536
Ion Ratio Lower Upper
85 100
87 32.8 16.7 50.1





#3
Chloromethane
Concen: 47.172 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

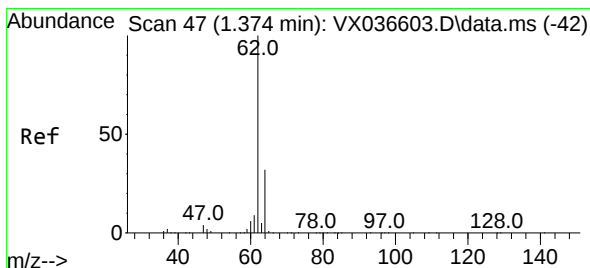
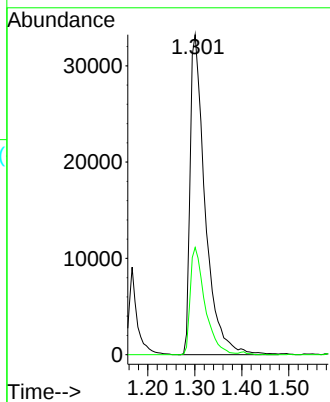
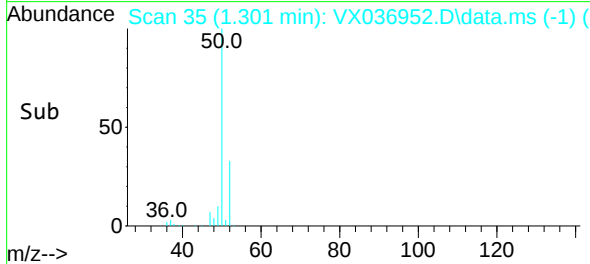
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 73992
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

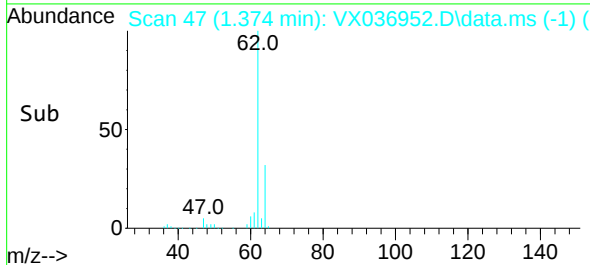
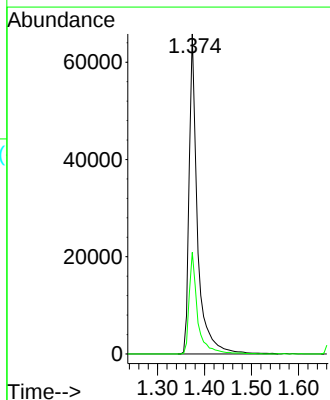
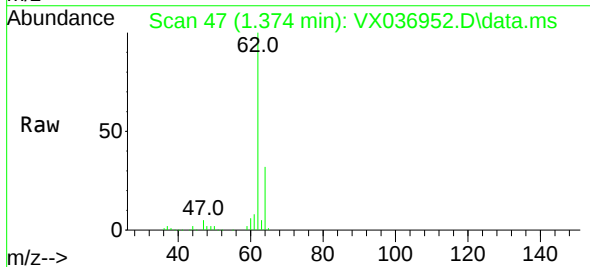
Manual Integrations
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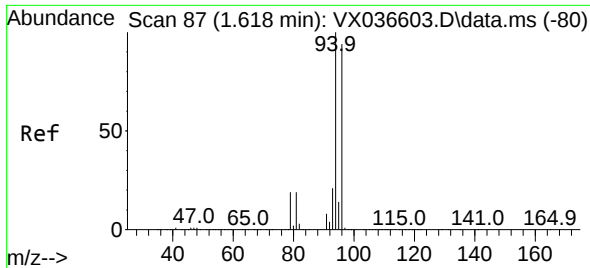
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#4
Vinyl Chloride
Concen: 50.941 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

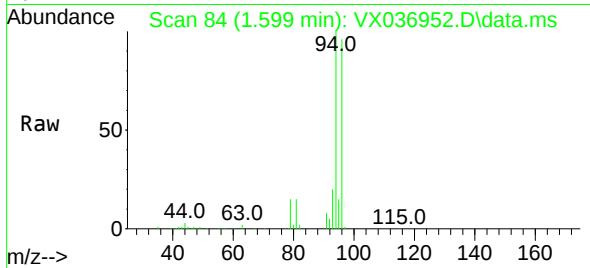
Tgt Ion: 62 Resp: 81351
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0





#5
Bromomethane
Concen: 49.285 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.018 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

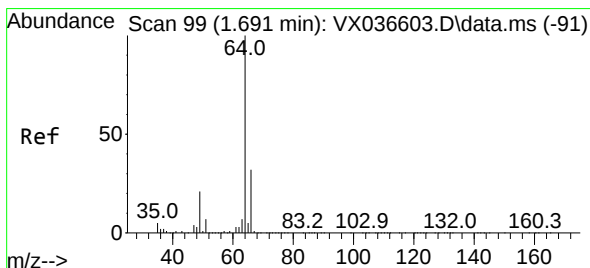
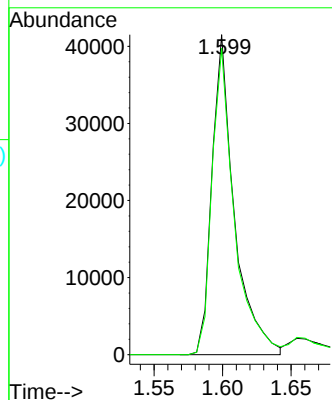
Instrument :
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Tgt Ion: 94 Resp: 46989
Ion Ratio Lower Upper
94 100
96 95.8 74.6 111.8

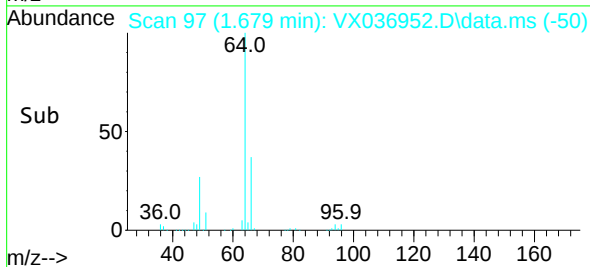
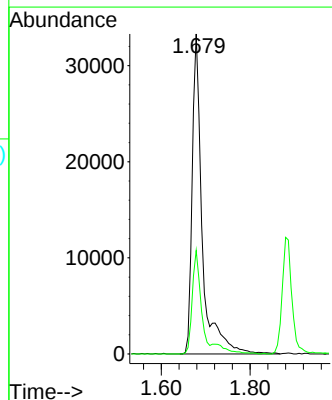
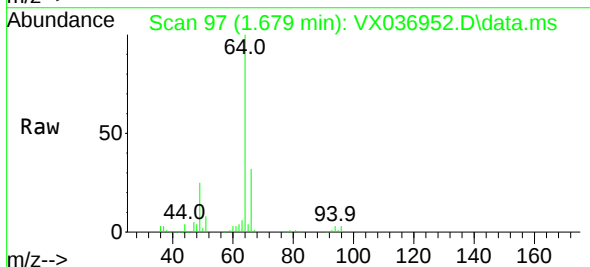
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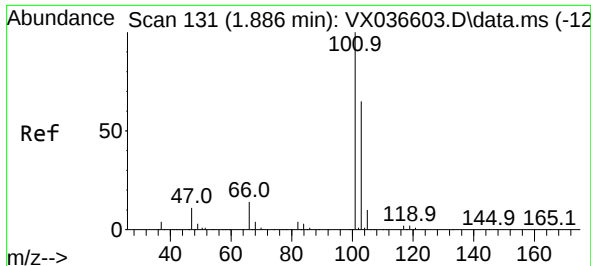
Reviewed By :John Carlone 08/14/2023
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#6
Chloroethane
Concen: 67.634 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.012 min
Lab File: VX036952.D
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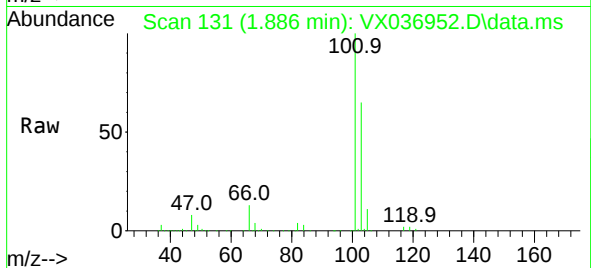
Tgt Ion: 64 Resp: 52512
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 58.487 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX036952.D
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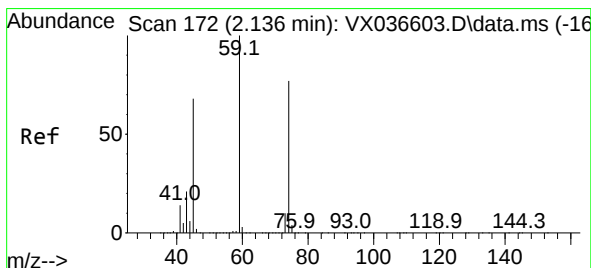
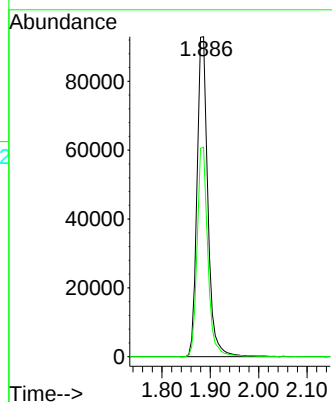
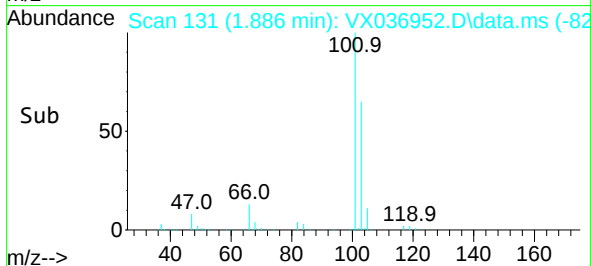
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 144239
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.4 77.2

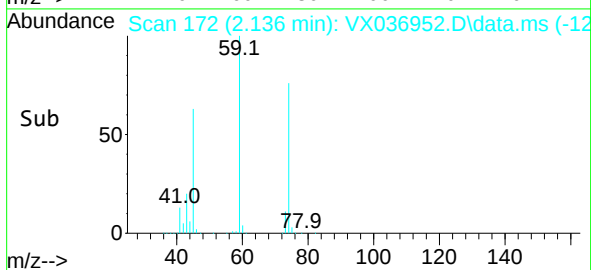
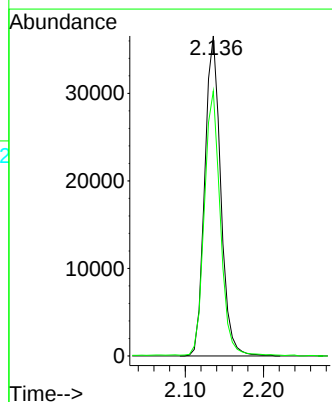
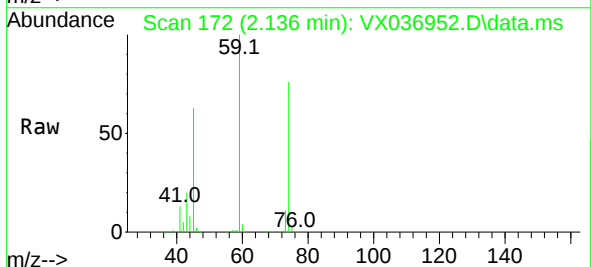
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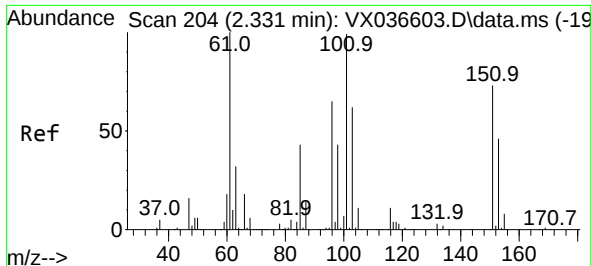
Reviewed By :John Carlone 08/14/2023
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#8
 Diethyl Ether
 Concen: 54.159 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

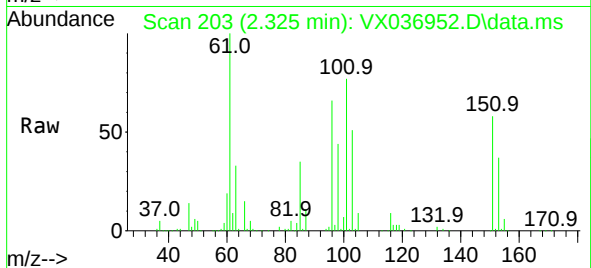
Tgt Ion: 74 Resp: 51674
 Ion Ratio Lower Upper
 74 100
 45 82.3 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.345 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

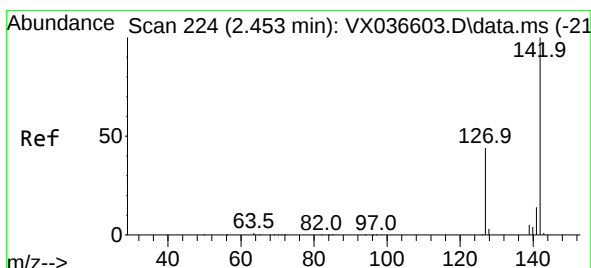
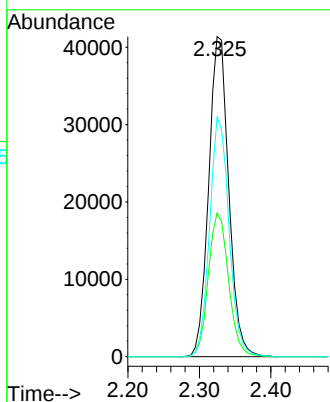
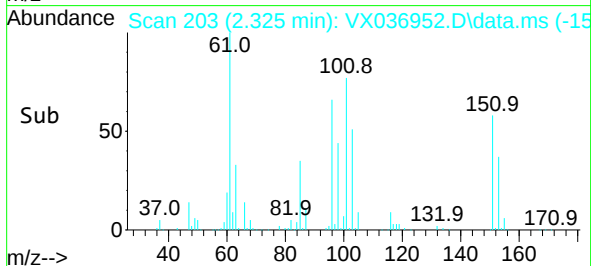
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 8052
Ion Ratio Lower Upper
101 100
85 45.3 37.0 55.6
151 72.8 58.6 87.8

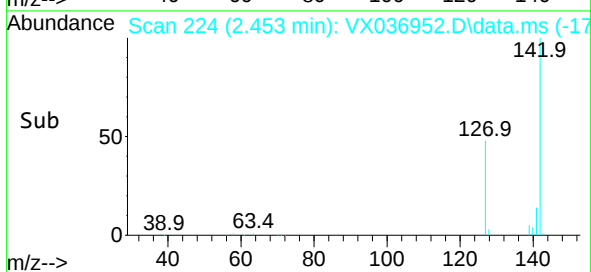
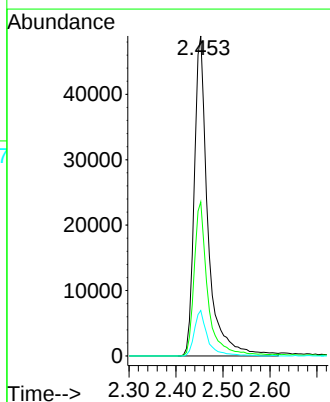
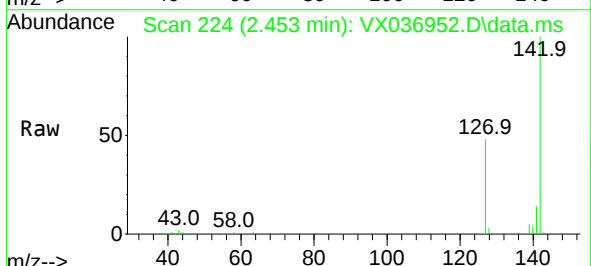
Manual Integrations
APPROVED

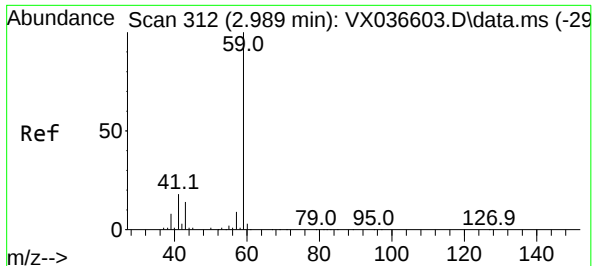
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#10
Methyl Iodide
Concen: 64.653 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

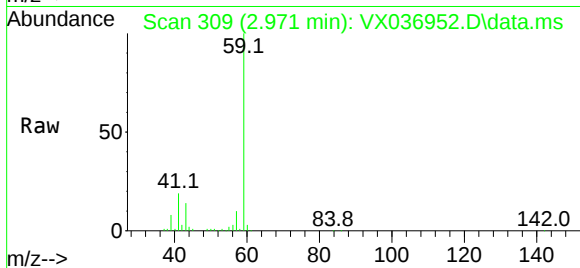
Tgt Ion:142 Resp: 99497
Ion Ratio Lower Upper
142 100
127 47.8 41.6 62.4
141 13.8 11.6 17.4





#11
Tert butyl alcohol
Concen: 253.772 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.018 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

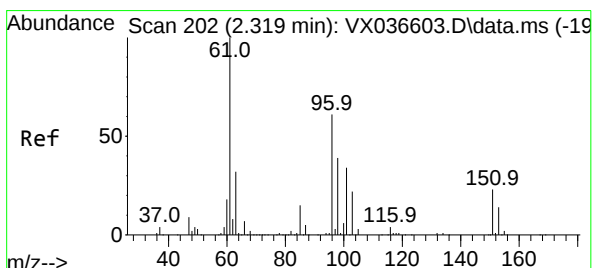
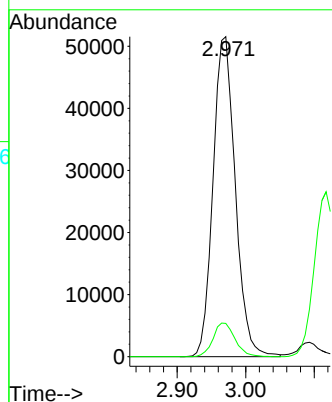
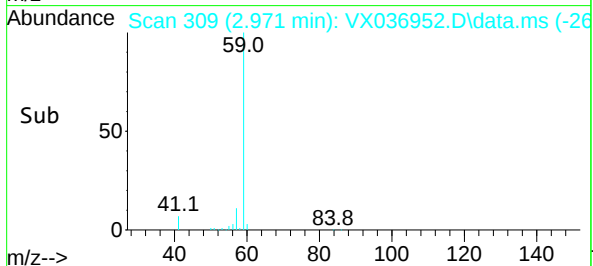
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 116049
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

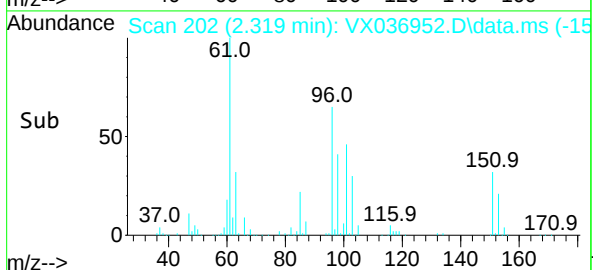
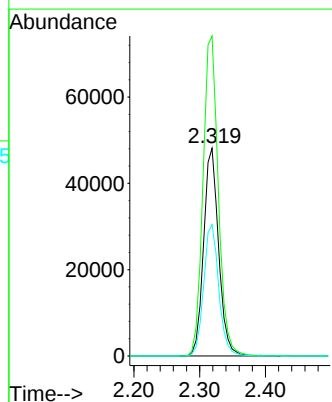
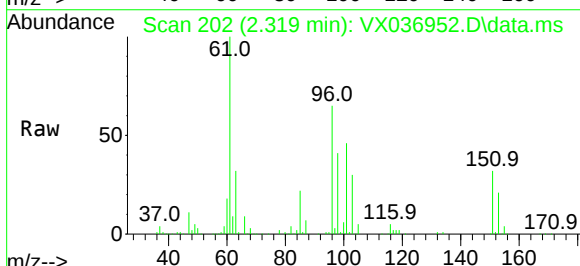
Manual Integrations
APPROVED

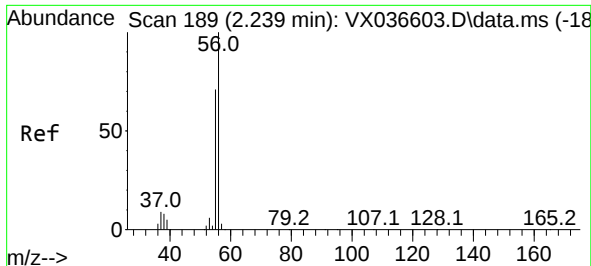
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#12
1,1-Dichloroethene
Concen: 52.254 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

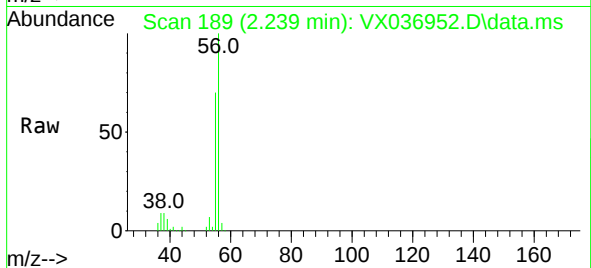
Tgt Ion: 96 Resp: 76384
Ion Ratio Lower Upper
96 100
61 154.1 144.6 216.8
98 63.3 50.4 75.6





#13
Acrolein
Concen: 252.569 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

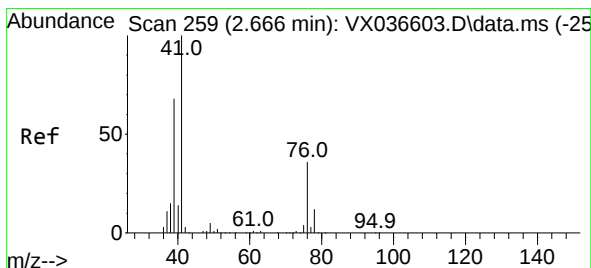
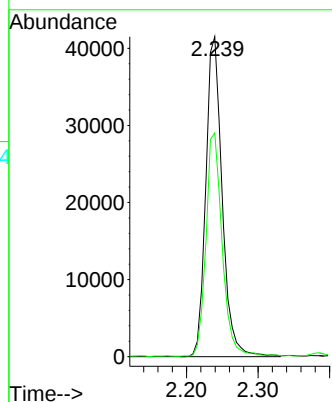
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 65915
Ion Ratio Lower Upper
56 100
55 69.7 57.1 85.7

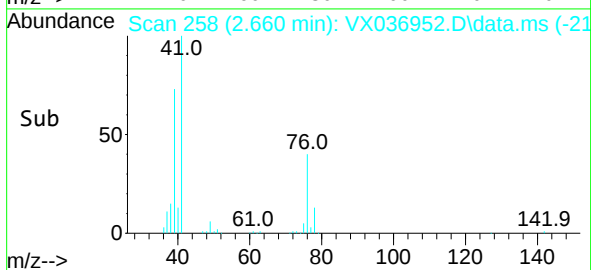
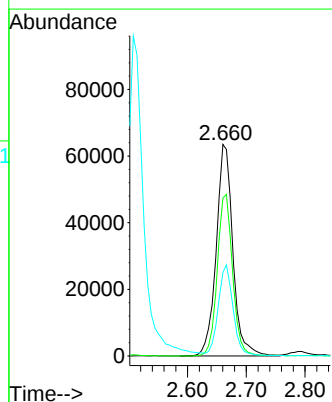
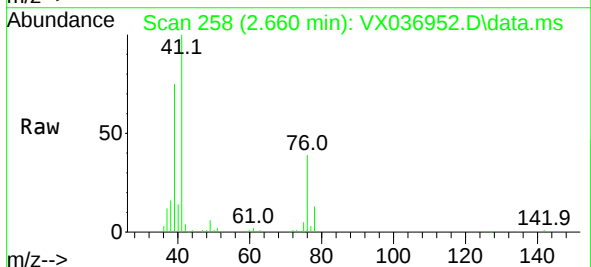
Manual Integrations
APPROVED

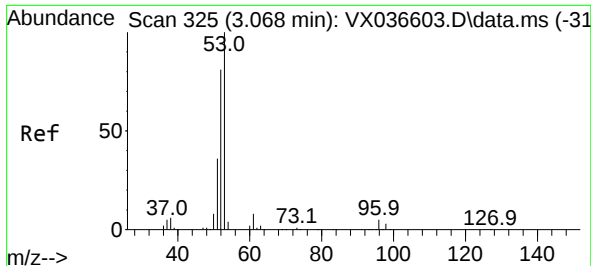
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#14
Allyl chloride
Concen: 43.536 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

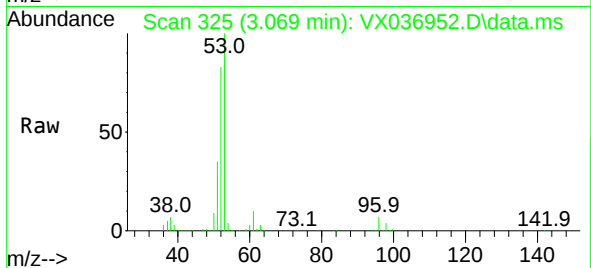
Tgt Ion: 41 Resp: 125317
Ion Ratio Lower Upper
41 100
39 70.0 55.8 83.6
76 38.1 24.3 36.5





#15
Acrylonitrile
Concen: 261.099 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

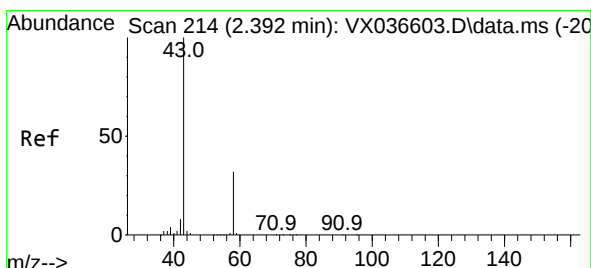
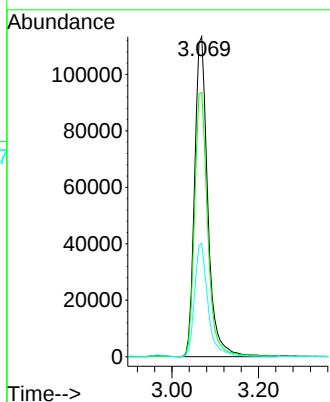
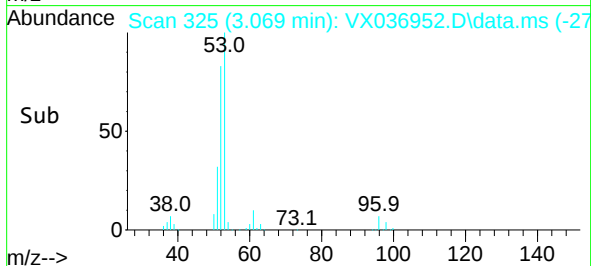
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 240118
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.0 29.8 44.6

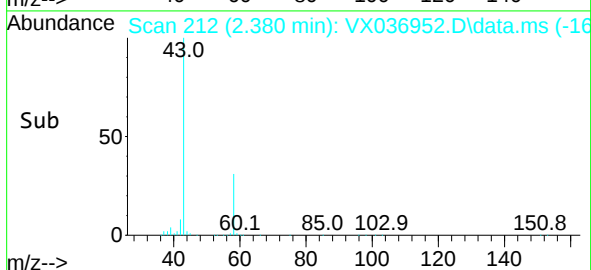
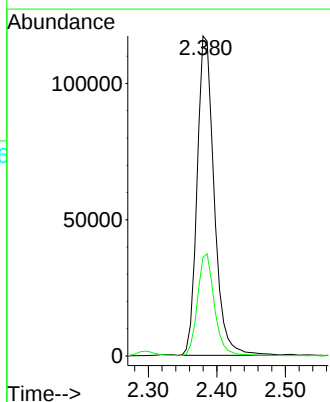
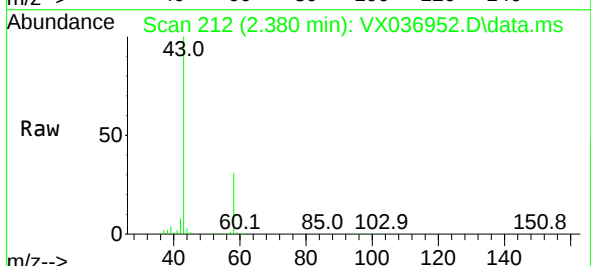
Manual Integrations
APPROVED

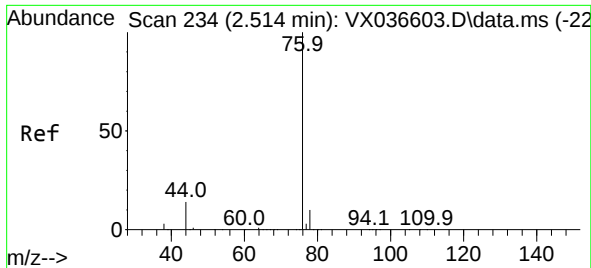
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#16
Acetone
Concen: 253.376 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion: 43 Resp: 203092
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#17

Carbon Disulfide

Concen: 44.148 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 17811

Ion Ratio Lower Upper

76 100

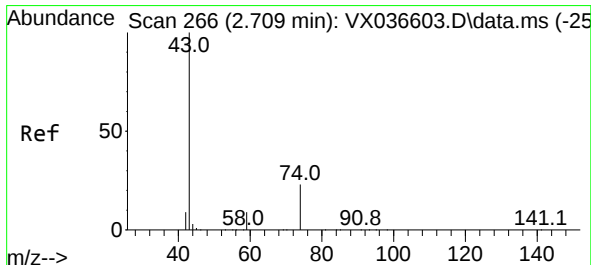
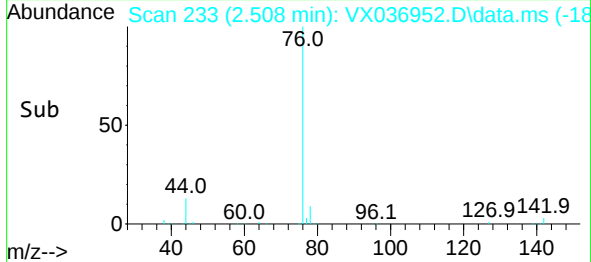
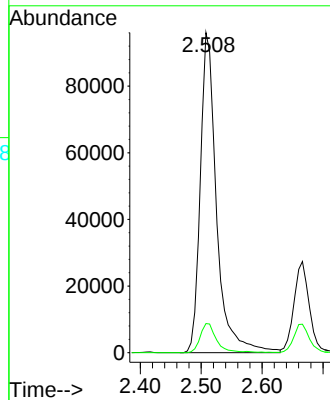
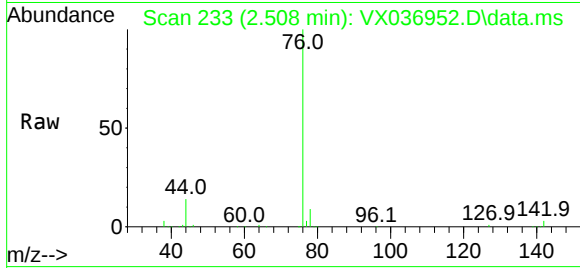
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#18

Methyl Acetate

Concen: 50.867 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX036952.D

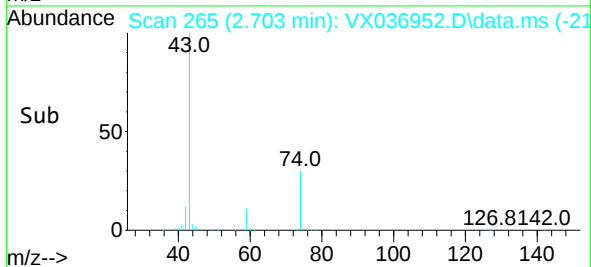
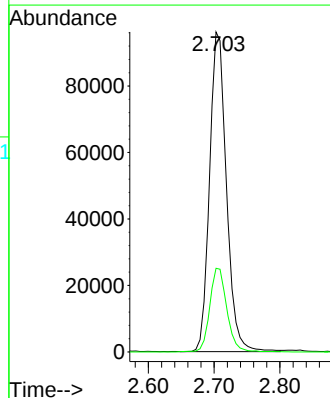
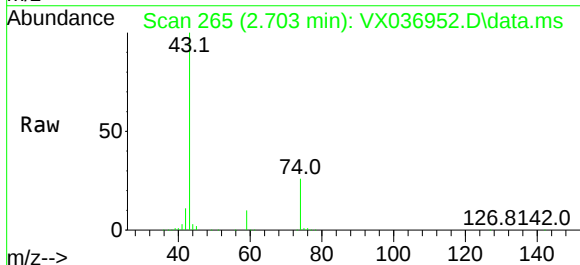
Acq: 11 Aug 2023 19:39

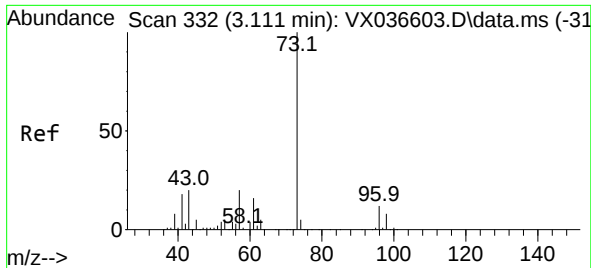
Tgt Ion: 43 Resp: 171520

Ion Ratio Lower Upper

43 100

74 26.7 17.8 26.8





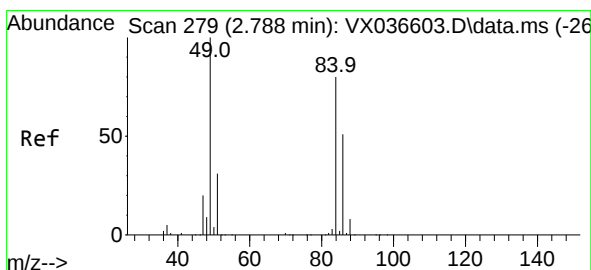
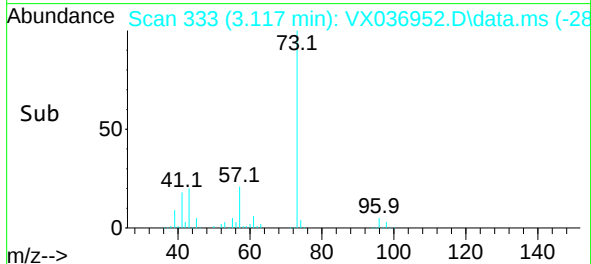
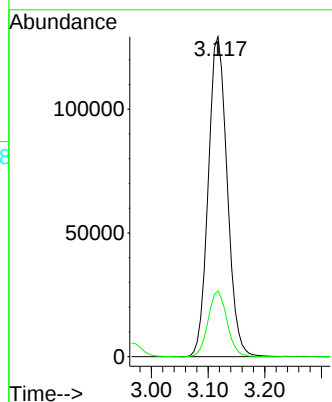
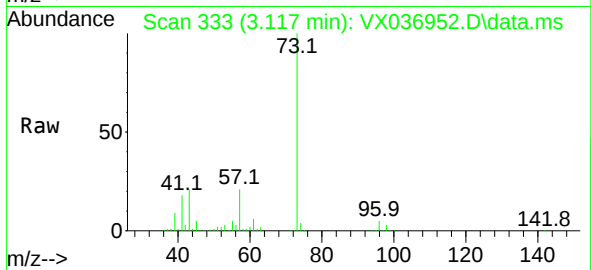
#19
Methyl tert-butyl Ether
Concen: 54.625 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 300062
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

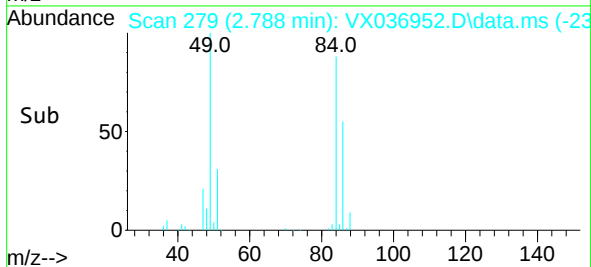
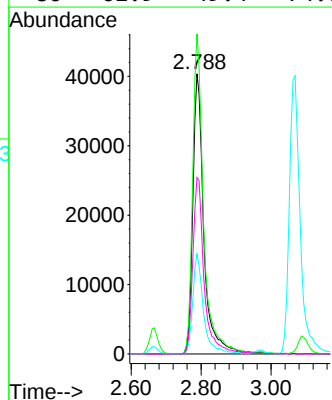
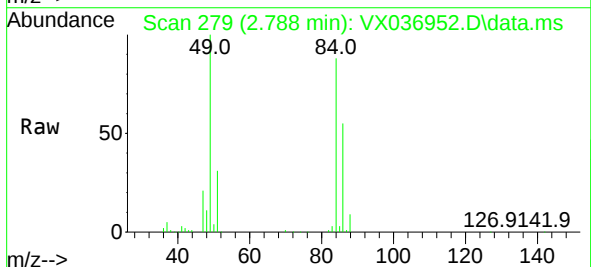
Manual Integrations
APPROVED

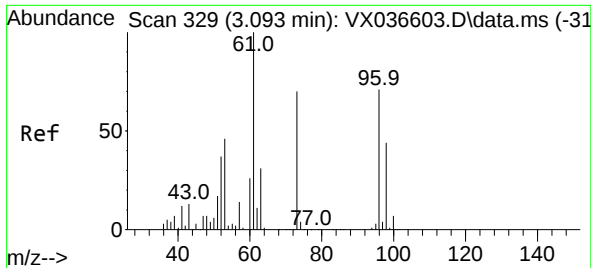
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#20
Methylene Chloride
Concen: 49.677 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

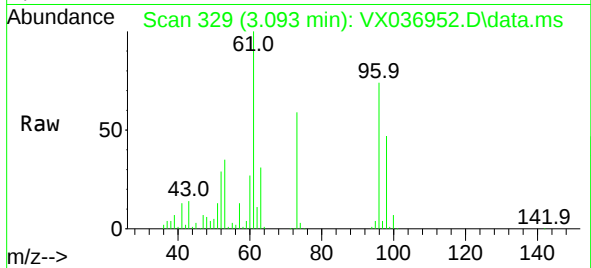
Tgt Ion: 84 Resp: 88554
Ion Ratio Lower Upper
84 100
49 114.2 103.6 155.4
51 35.7 33.8 50.6
86 62.9 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.427 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

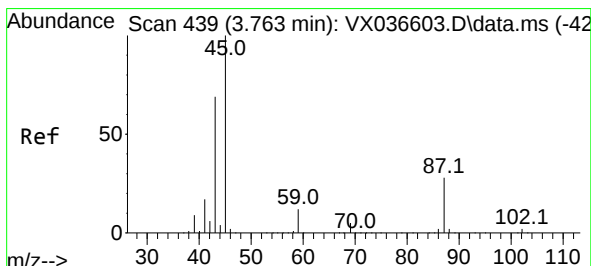
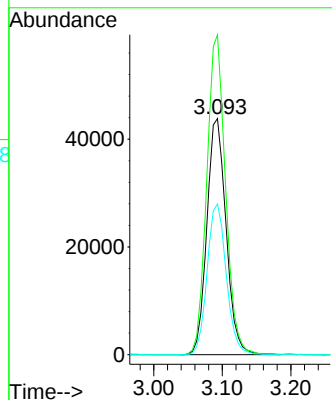
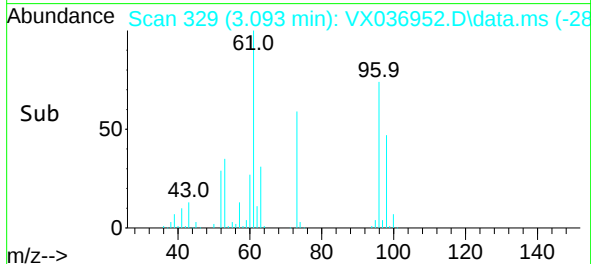
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 85652
Ion Ratio Lower Upper
96 100
61 135.5 119.2 178.8
98 63.8 48.7 73.1

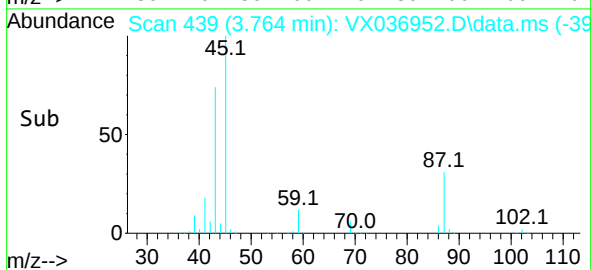
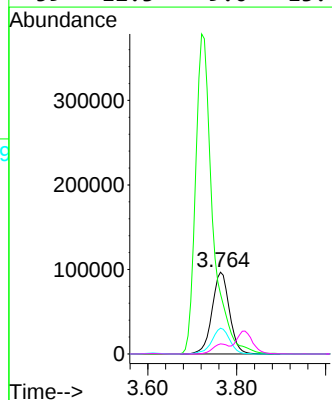
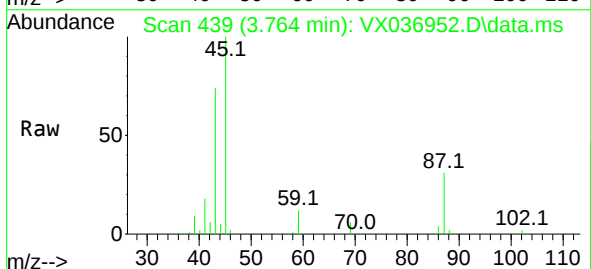
Manual Integrations
APPROVED

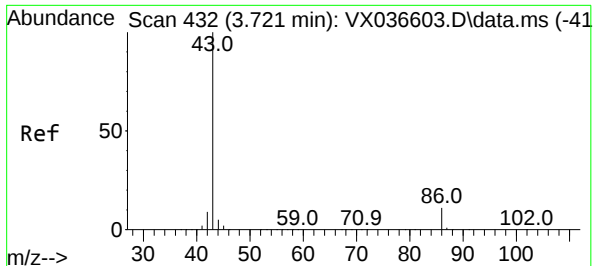
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#22
Diisopropyl ether
Concen: 47.832 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion: 45 Resp: 261420
Ion Ratio Lower Upper
45 100
43 73.3 69.7 104.5
87 31.5 20.8 31.2#
59 12.3 9.0 13.4





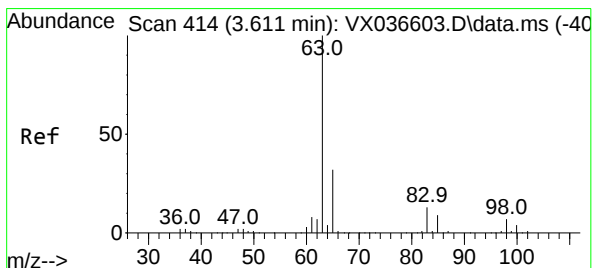
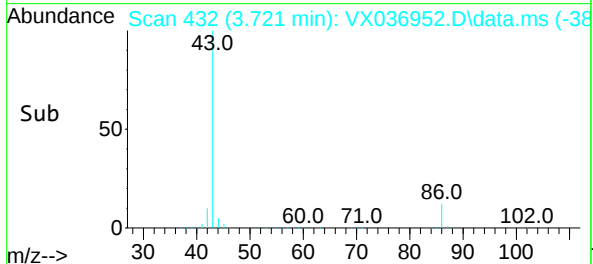
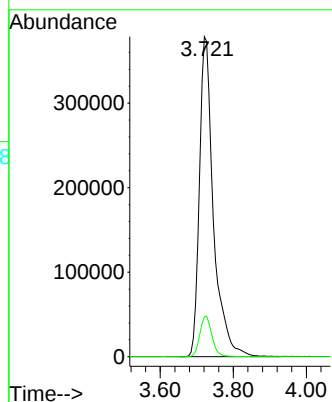
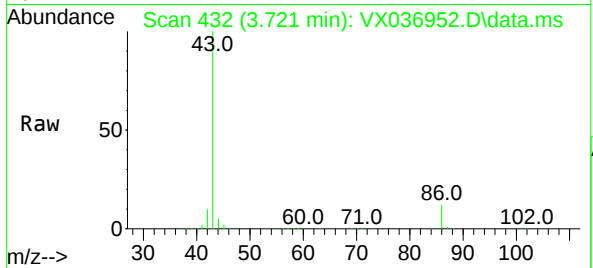
#23
 Vinyl Acetate
 Concen: 241.001 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 101035
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.8 11.8

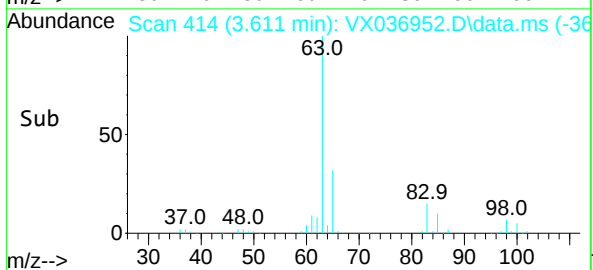
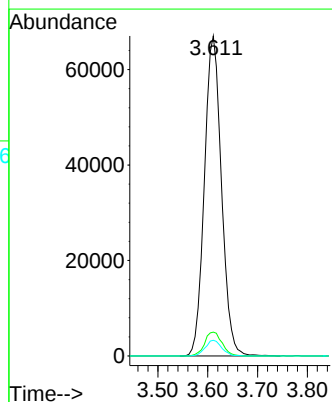
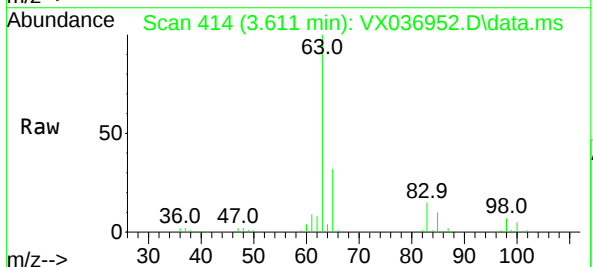
Manual Integrations
 APPROVED

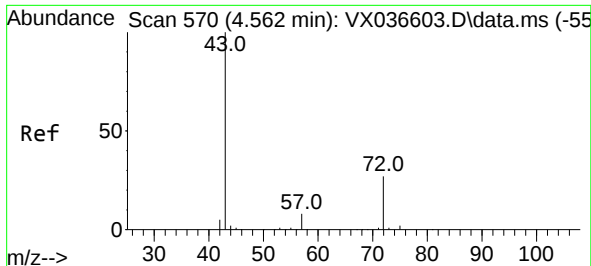
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#24
 1,1-Dichloroethane
 Concen: 52.014 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

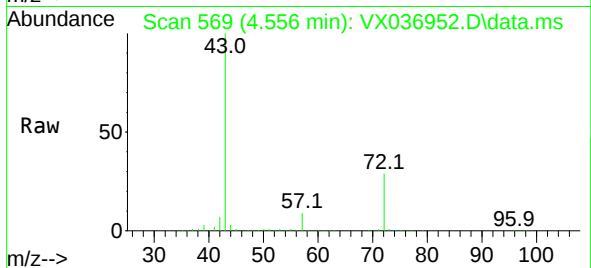
Tgt Ion: 63 Resp: 159384
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.3 9.8
 100 4.9 2.1 6.5





#25
2-Butanone
Concen: 253.078 ug/l
RT: 4.556 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

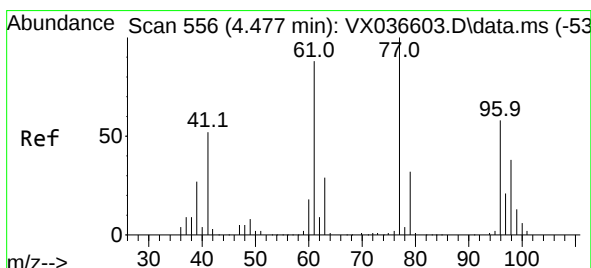
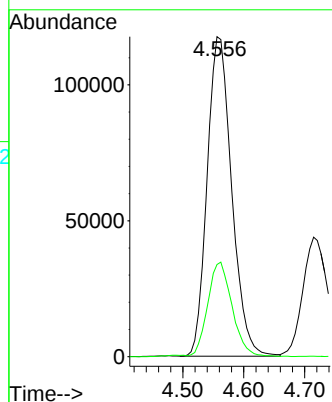
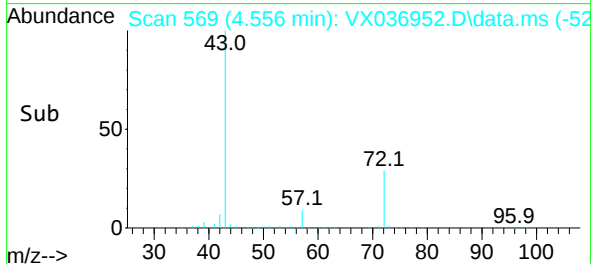
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 32911
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2

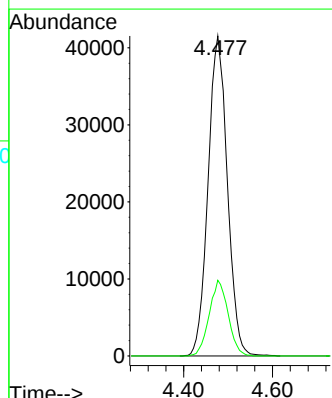
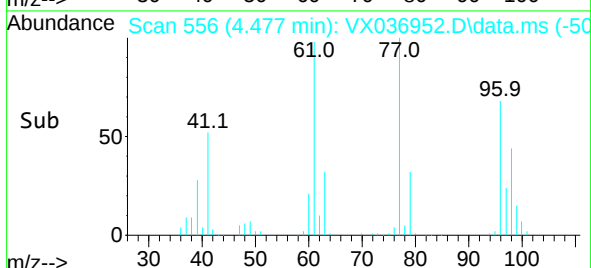
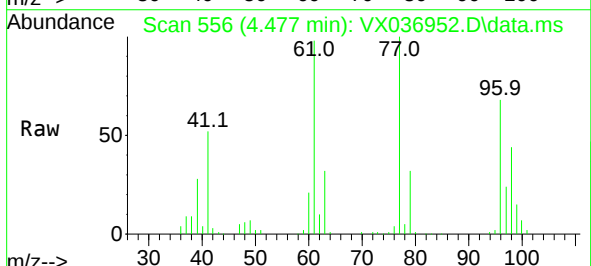
Manual Integrations
APPROVED

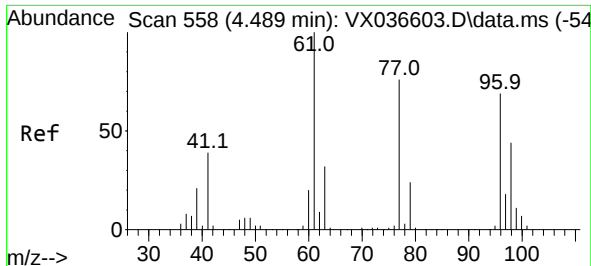
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#26
2,2-Dichloropropane
Concen: 43.426 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

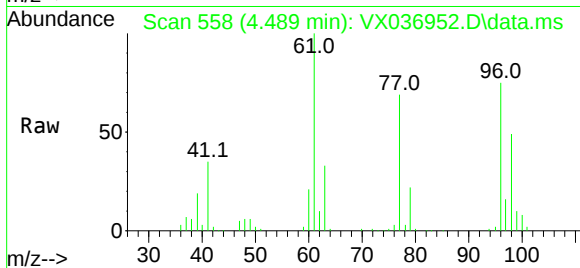
Tgt Ion: 77 Resp: 125386
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.693 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

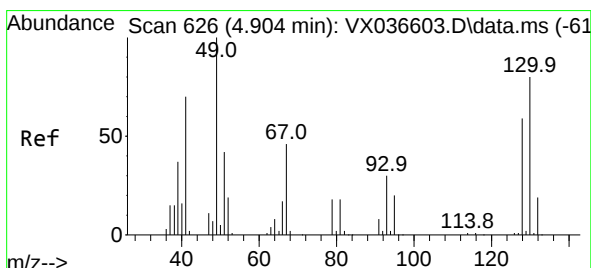
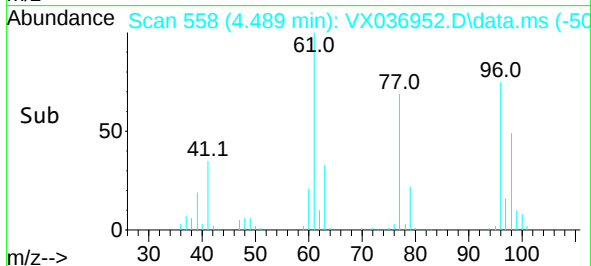
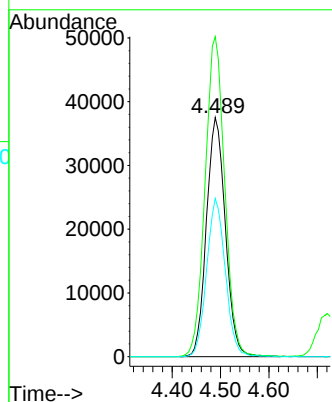
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 102249
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 312.2
 98 65.3 0.0 129.0

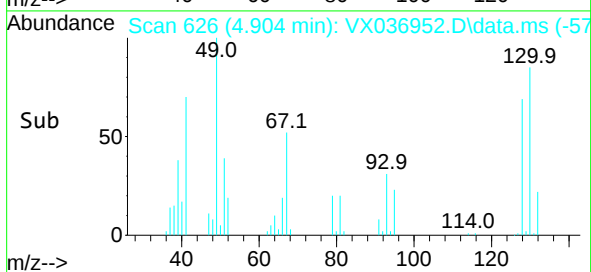
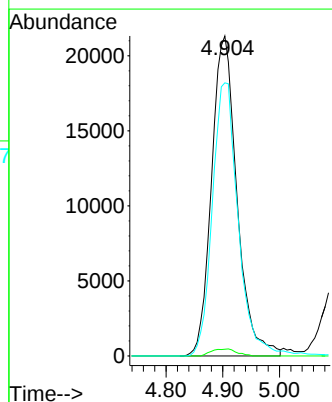
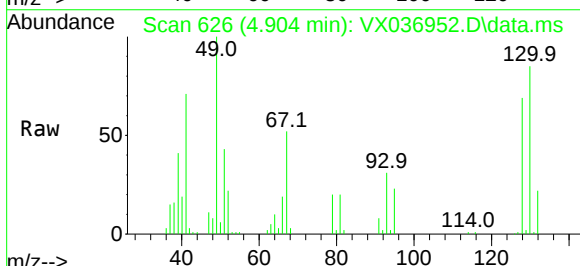
Manual Integrations
 APPROVED

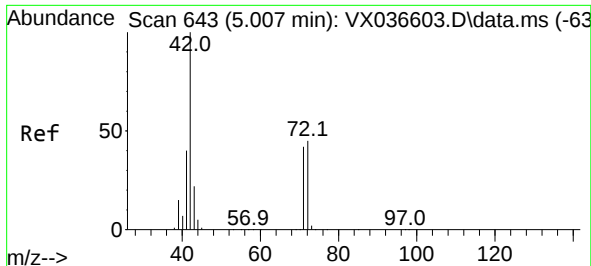
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#28
 Bromochloromethane
 Concen: 44.774 ug/l
 RT: 4.904 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

Tgt Ion: 49 Resp: 66354
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 86.6 57.5 86.3#





#29

Tetrahydrofuran

Concen: 250.082 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX036952.D

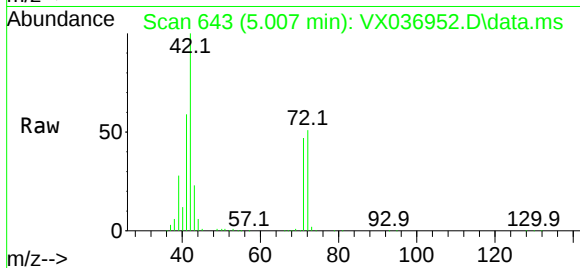
Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 209670

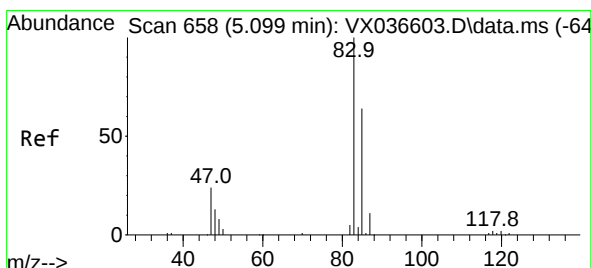
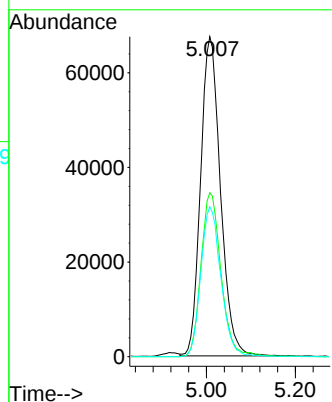
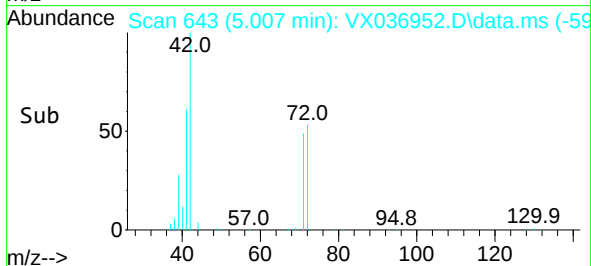
Ion	Ratio	Lower	Upper
42	100		
72	52.0	34.2	51.4
71	47.6	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#30

Chloroform

Concen: 55.206 ug/l

RT: 5.099 min Scan# 658

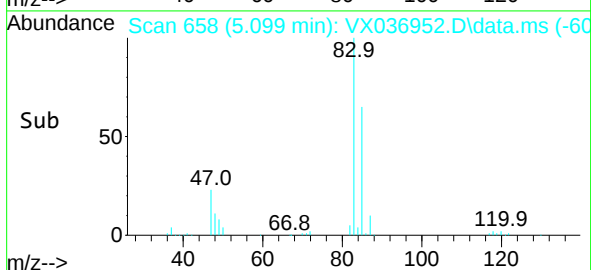
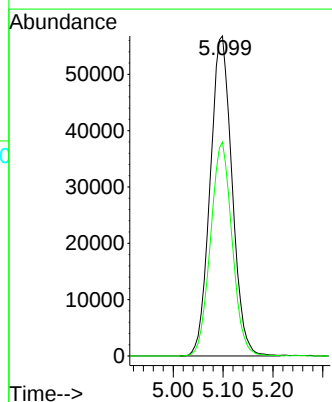
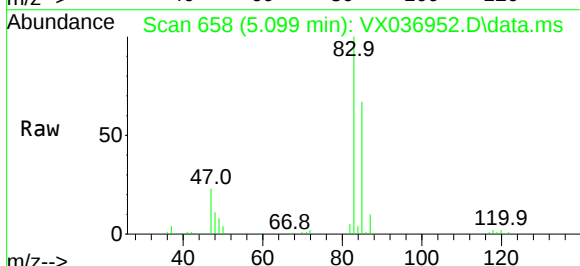
Delta R.T. 0.000 min

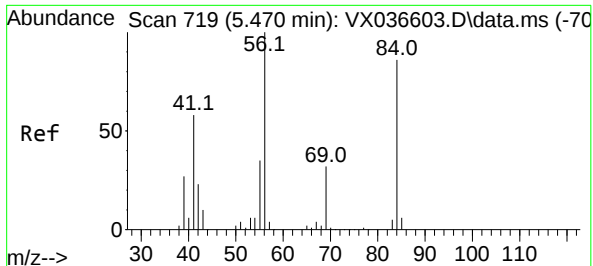
Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Tgt Ion: 83 Resp: 173069

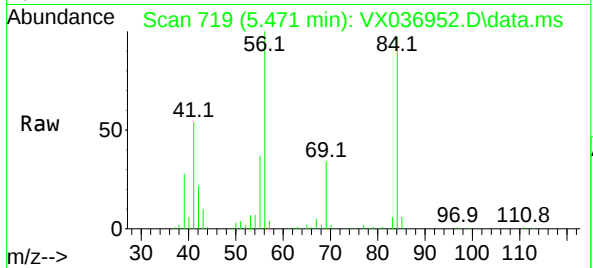
Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.3	75.5





#31
Cyclohexane
Concen: 45.483 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

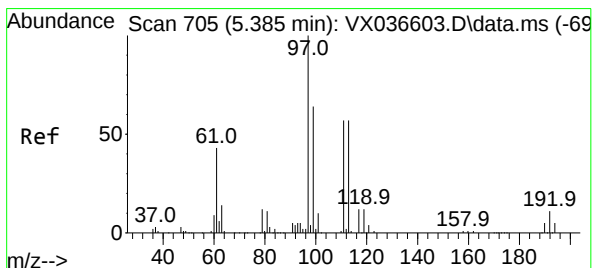
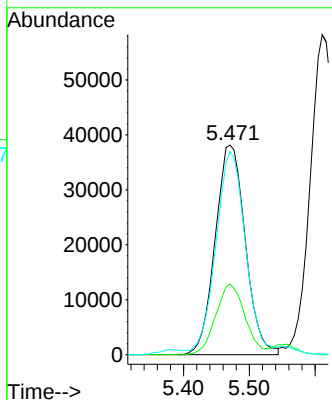
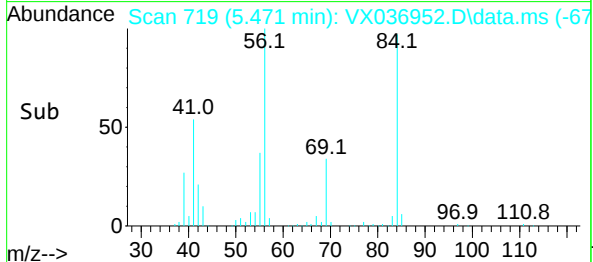
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



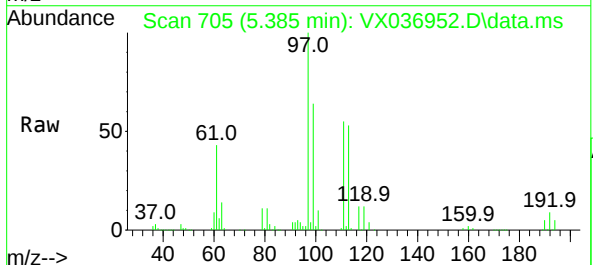
Tgt Ion: 56 Resp: 121642
Ion Ratio Lower Upper
56 100
69 33.8 23.4 35.2
84 94.8 65.9 98.9

Manual Integrations
APPROVED

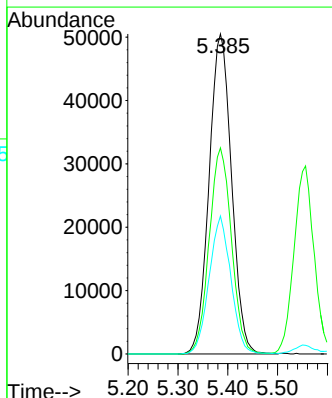
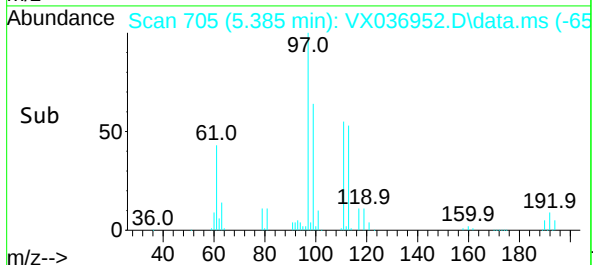
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

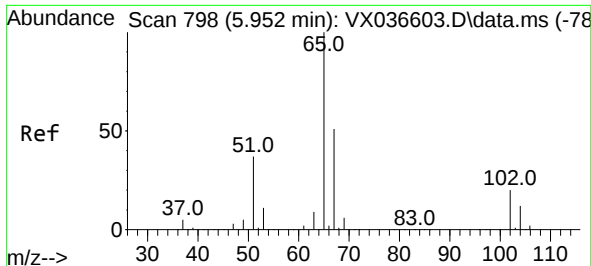


#32
1,1,1-Trichloroethane
Concen: 54.965 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



Tgt Ion: 97 Resp: 157888
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 41.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.549 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 93778

Ion Ratio Lower Upper

65 100

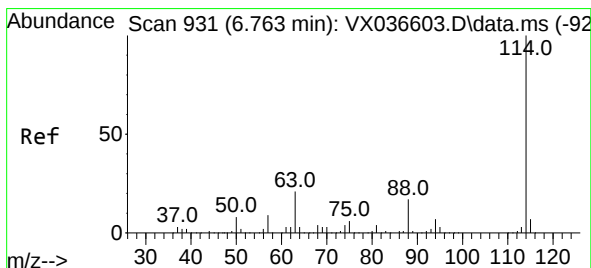
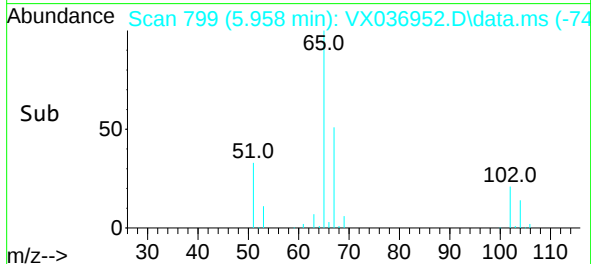
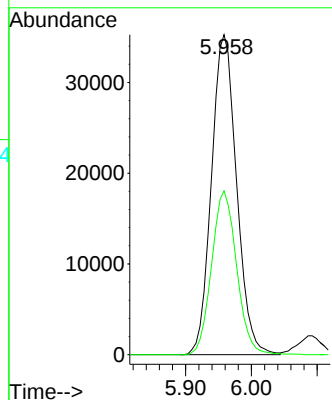
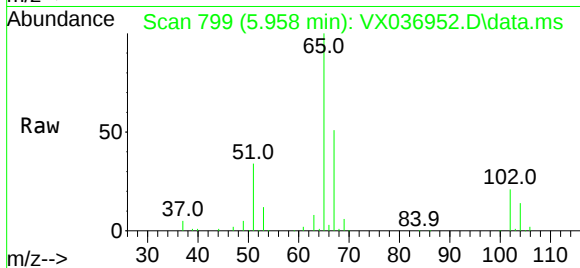
67 50.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

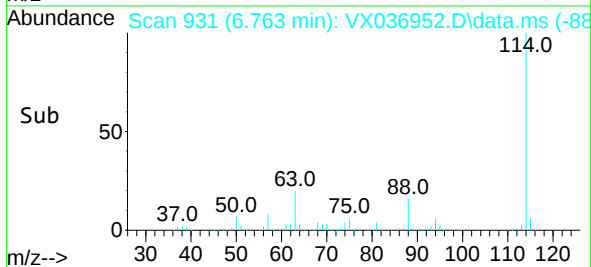
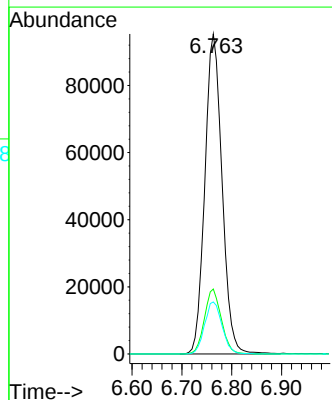
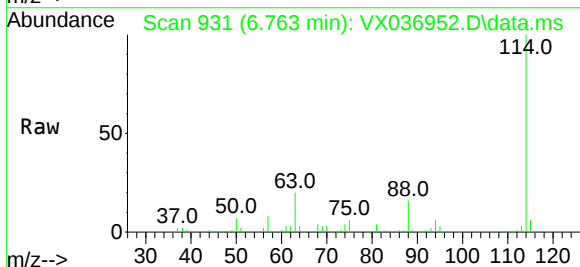
Tgt Ion:114 Resp: 228333

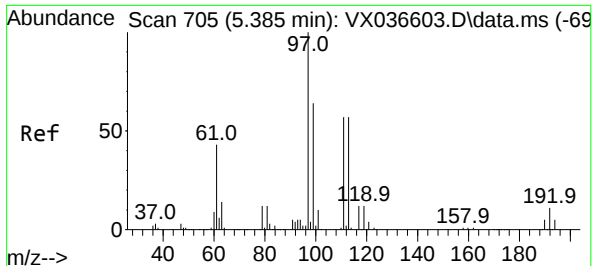
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

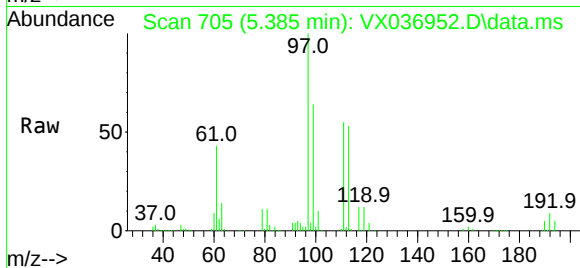
88 16.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 50.121 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

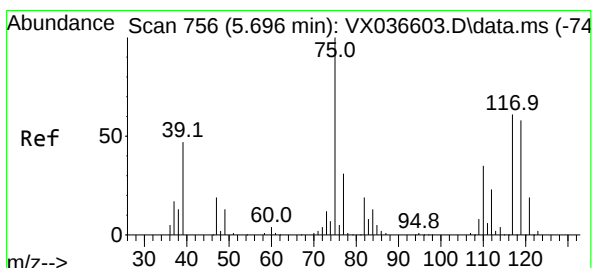
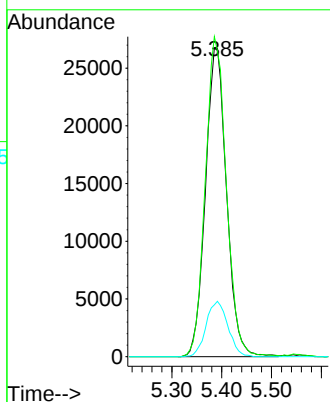
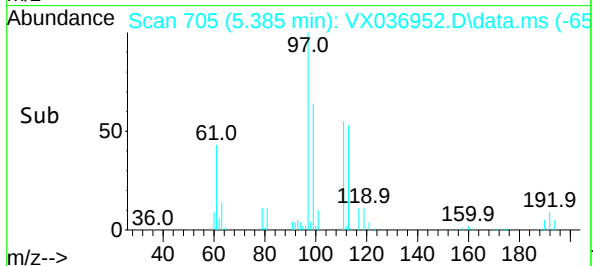
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 7866
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 18.5 13.3 19.9

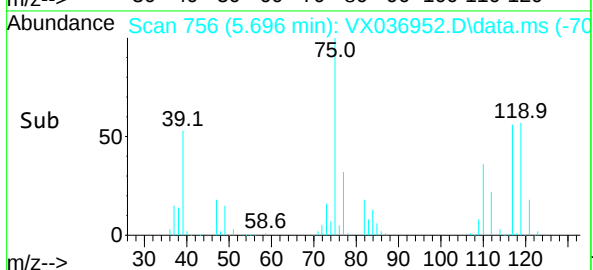
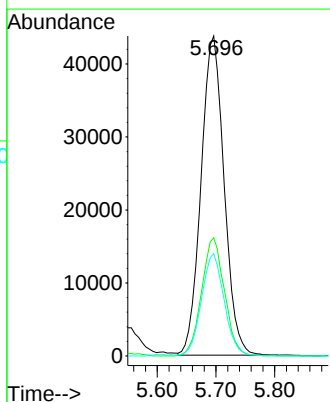
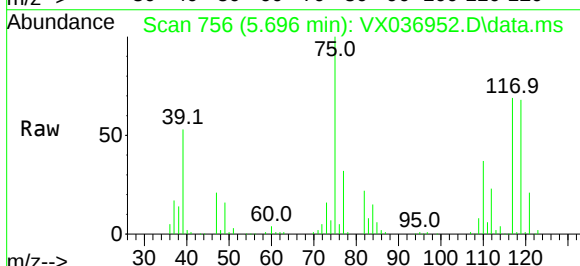
Manual Integrations
APPROVED

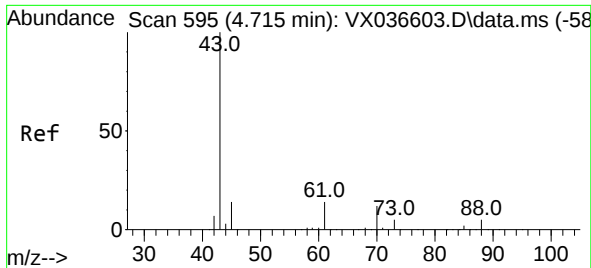
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#36
1,1-Dichloropropene
Concen: 50.996 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

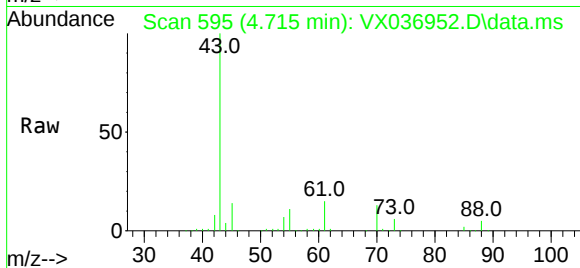
Tgt Ion: 75 Resp: 119291
Ion Ratio Lower Upper
75 100
110 36.7 17.0 50.9
77 31.8 24.7 37.1





#37
Ethyl Acetate
Concen: 48.566 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

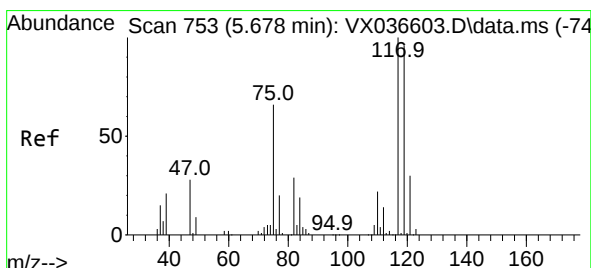
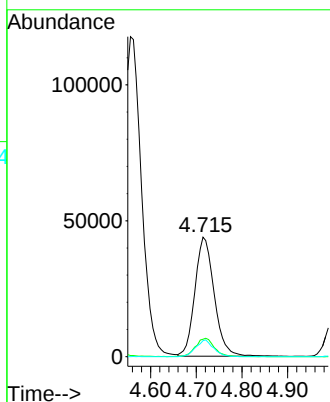
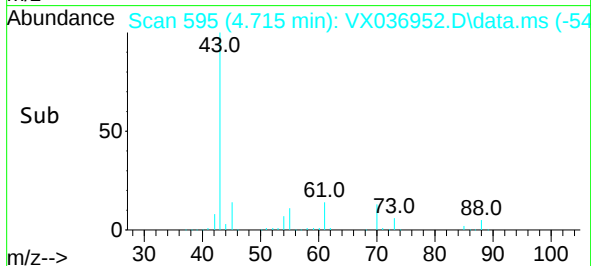
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 128580
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 12.9 8.3 12.5

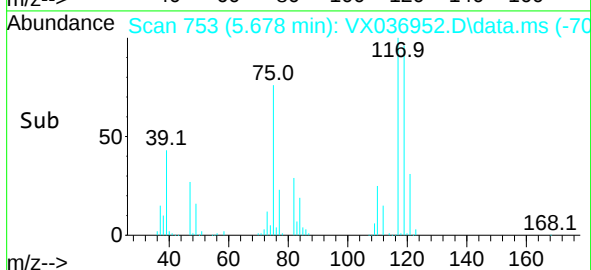
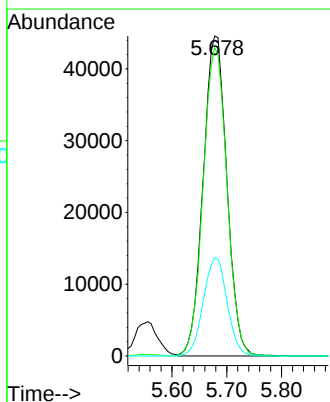
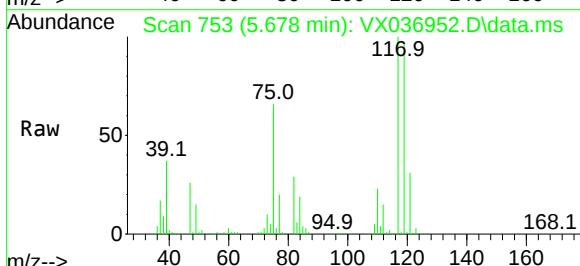
Manual Integrations
APPROVED

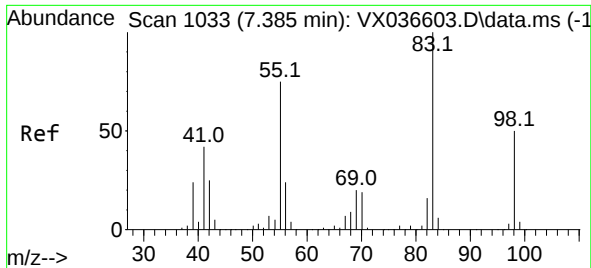
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#38
Carbon Tetrachloride
Concen: 53.797 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion:117 Resp: 133789
Ion Ratio Lower Upper
117 100
119 96.4 78.2 117.2
121 30.8 24.4 36.6





#39
Methylcyclohexane
Concen: 42.453 ug/l
RT: 7.379 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

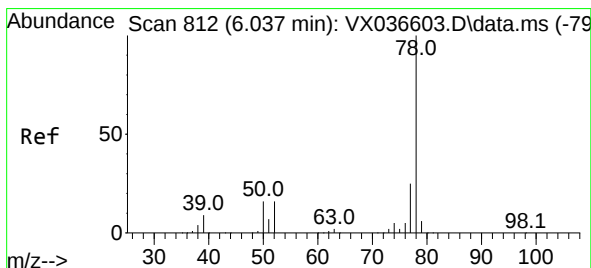
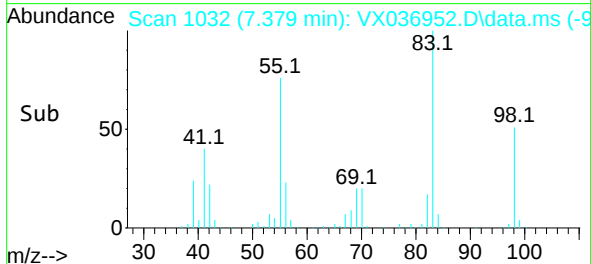
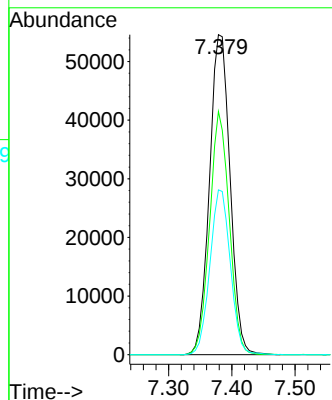
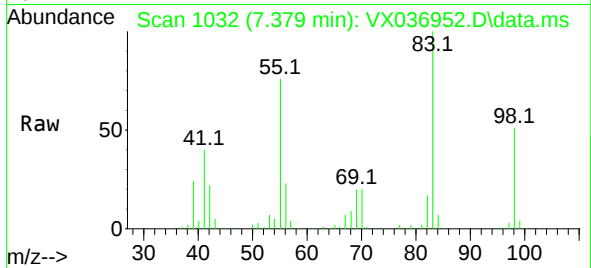
VSTDCCC050EC

Tgt Ion: 83 Resp: 123480
Ion Ratio Lower Upper
83 100
55 76.0 64.6 97.0
98 51.5 36.7 55.1

Manual Integrations

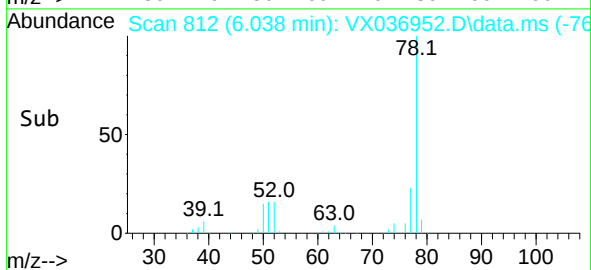
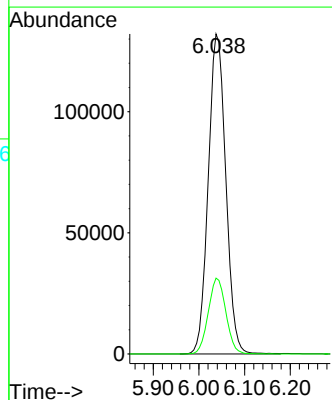
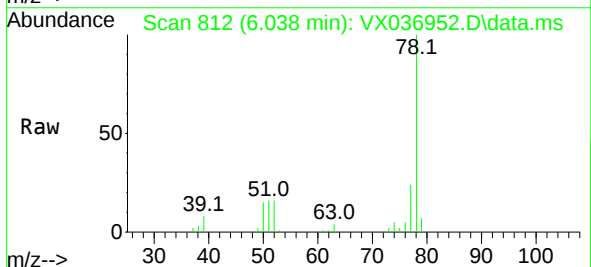
APPROVED

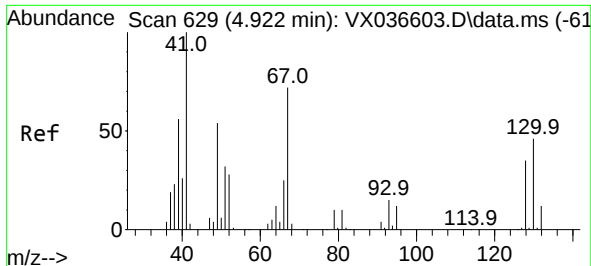
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#40
Benzene
Concen: 51.792 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

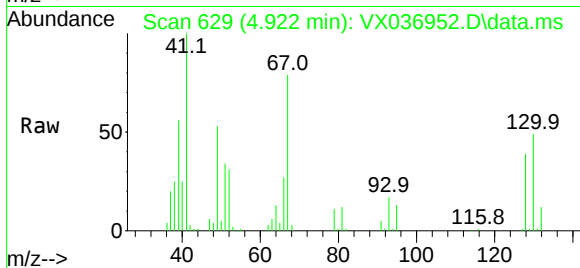
Tgt Ion: 78 Resp: 352492
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9





#41
Methacrylonitrile
Concen: 49.406 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

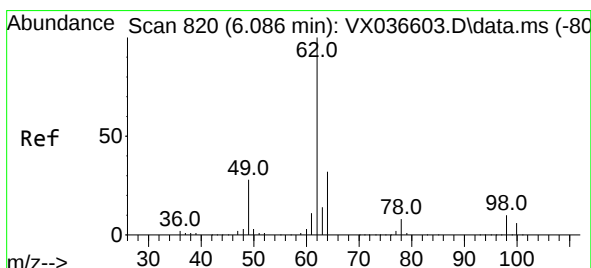
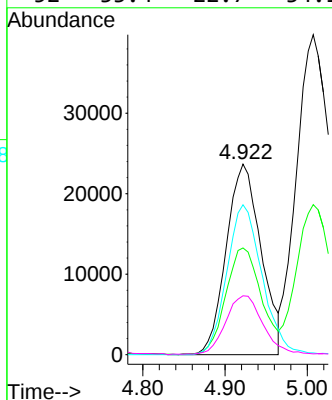
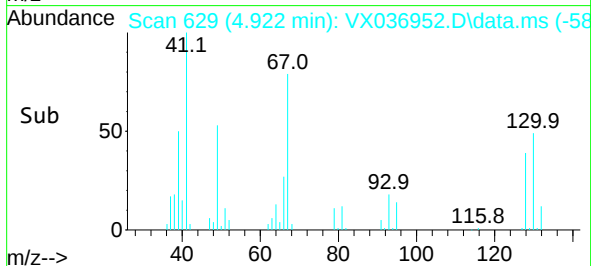
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 6996
Ion Ratio Lower Upper
41 100
39 57.1 45.2 67.8
67 79.8 52.6 78.8
52 33.4 22.7 34.1

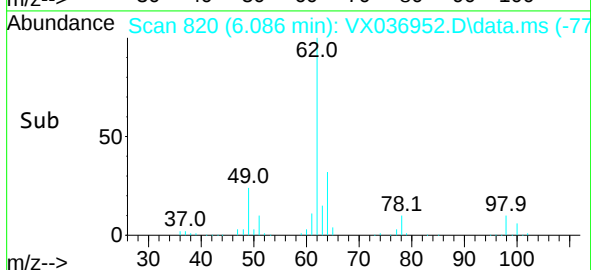
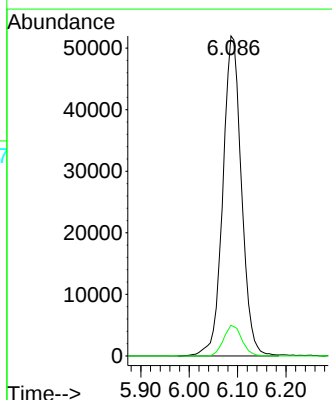
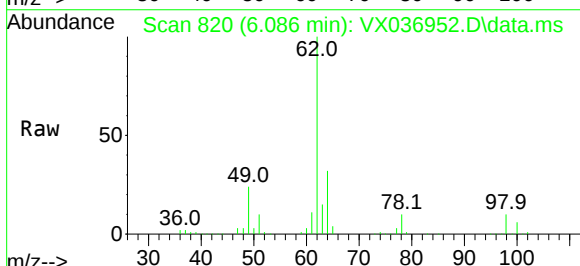
Manual Integrations
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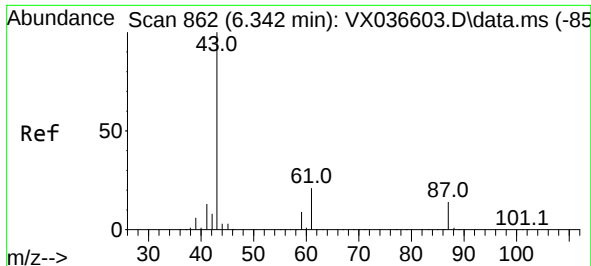
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#42
1,2-Dichloroethane
Concen: 55.905 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion: 62 Resp: 139112
Ion Ratio Lower Upper
62 100
98 9.4 0.0 16.0





#43

Isopropyl Acetate

Concen: 47.007 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 214239

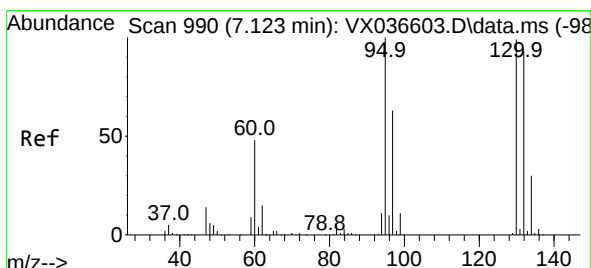
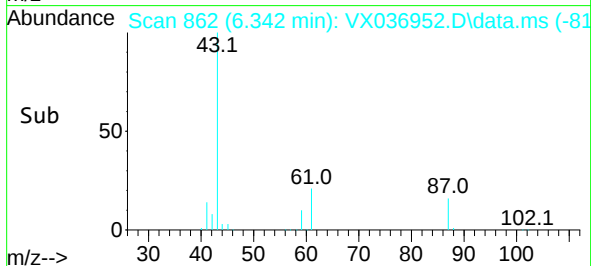
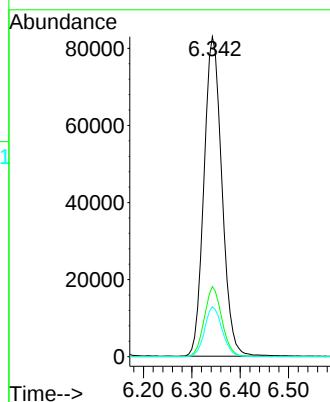
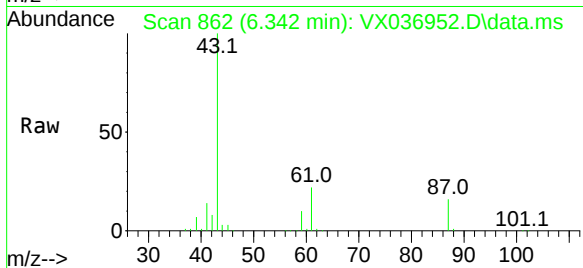
Ion	Ratio	Lower	Upper
43	100		
61	21.5	15.2	22.8
87	15.2	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#44

Trichloroethene

Concen: 54.734 ug/l

RT: 7.123 min Scan# 990

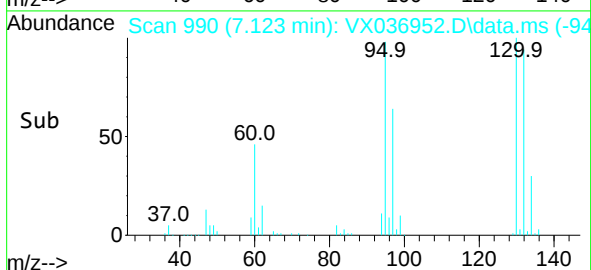
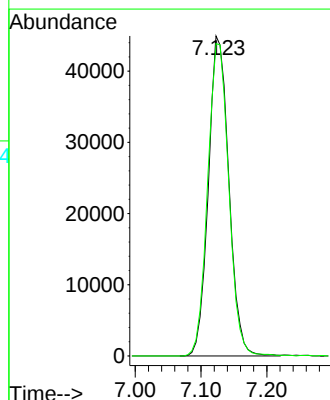
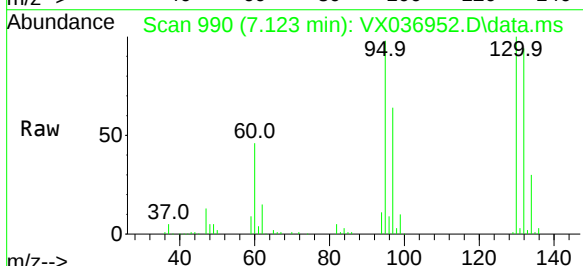
Delta R.T. 0.000 min

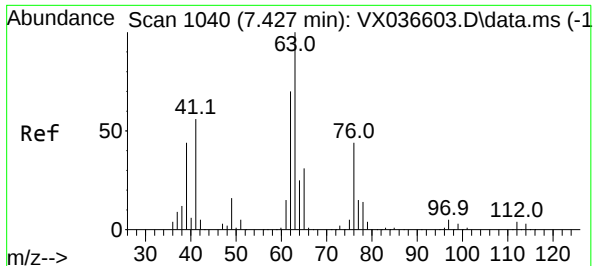
Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Tgt Ion:130 Resp: 97370

Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.756 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 9041

Ion Ratio Lower Upper

63 100

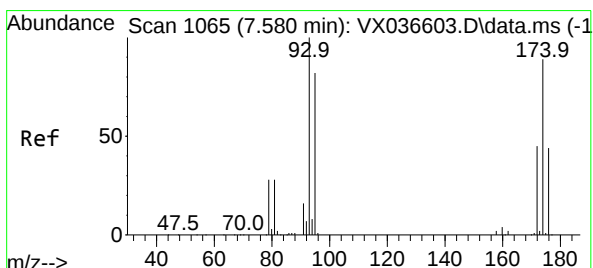
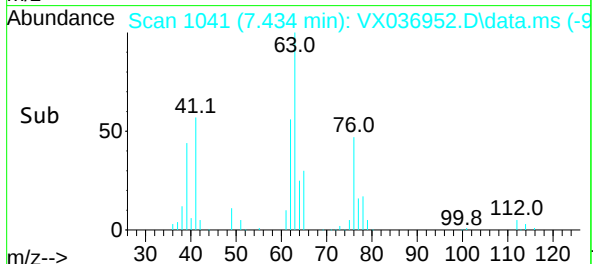
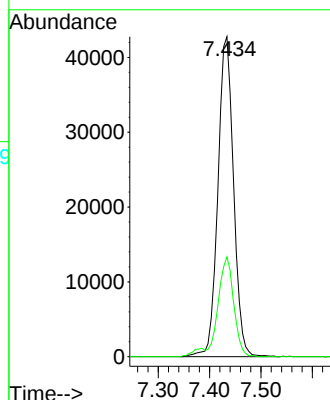
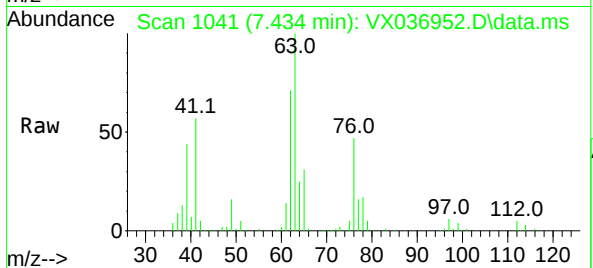
65 31.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#46

Dibromomethane

Concen: 54.680 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

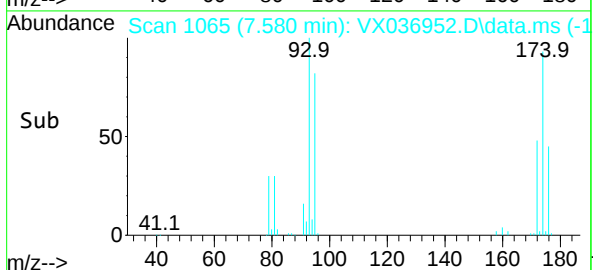
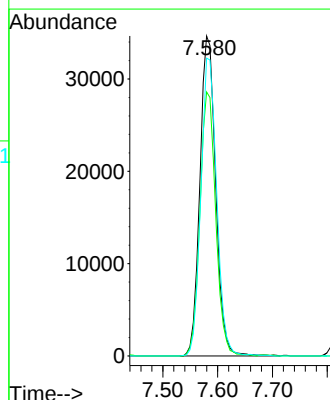
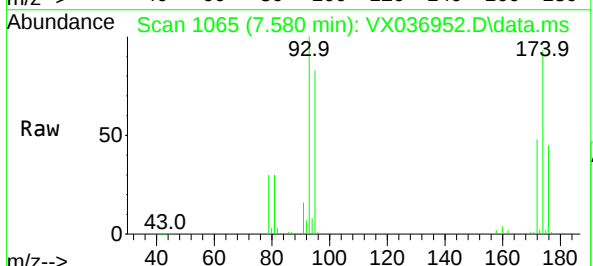
Tgt Ion: 93 Resp: 69538

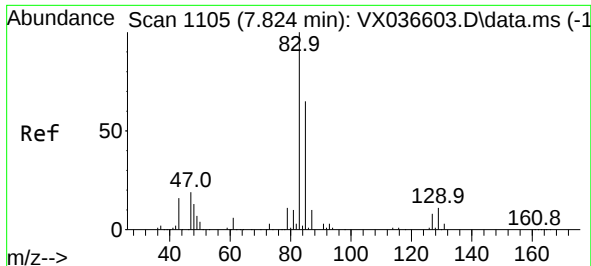
Ion Ratio Lower Upper

93 100

95 82.2 66.6 100.0

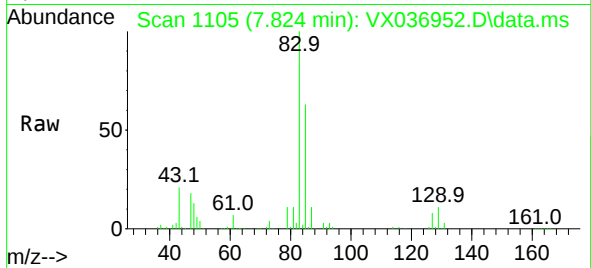
174 93.4 69.4 104.0





#47
Bromodichloromethane
Concen: 52.659 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

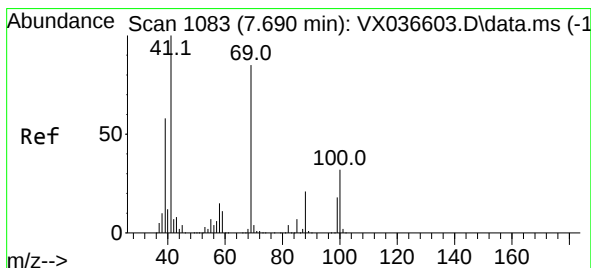
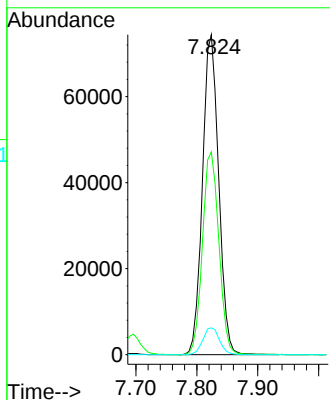
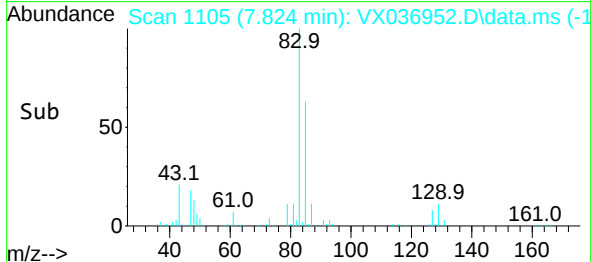
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 137463
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 8.4 7.1 10.7

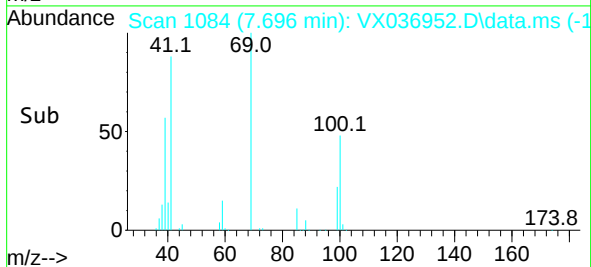
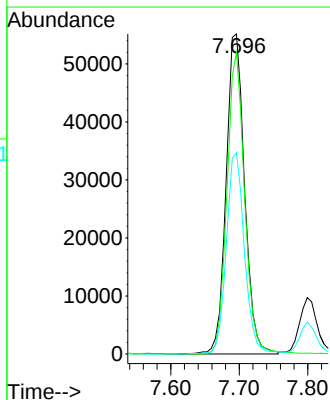
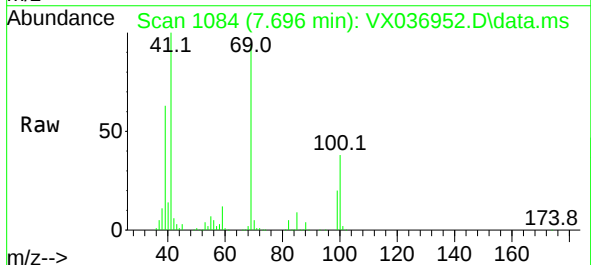
Manual Integrations
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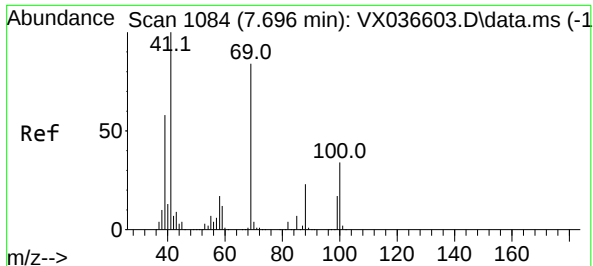
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#48
Methyl methacrylate
Concen: 48.580 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion: 41 Resp: 102967
Ion Ratio Lower Upper
41 100
69 90.3 59.2 88.8
39 62.2 47.7 71.5





#49

1,4-Dioxane

Concen: 1069.453 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.037 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 45792

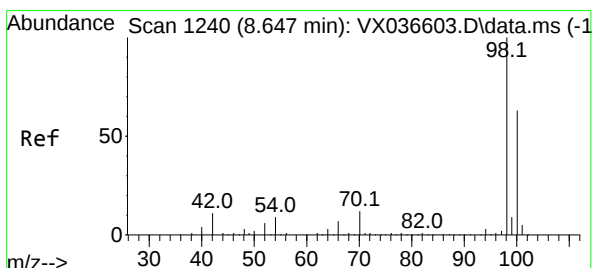
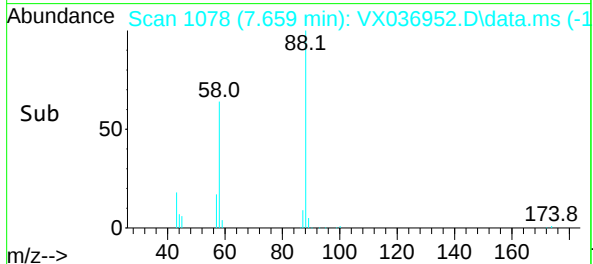
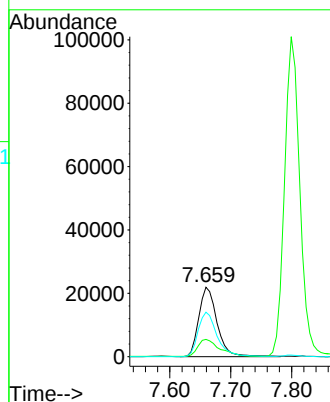
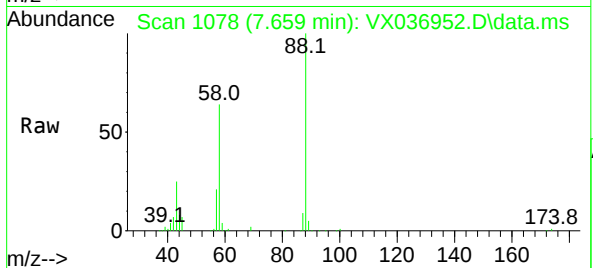
Ion	Ratio	Lower	Upper
88	100		
43	29.2	0.0	0.0
58	66.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#50

Toluene-d8

Concen: 46.115 ug/l

RT: 8.647 min Scan# 1240

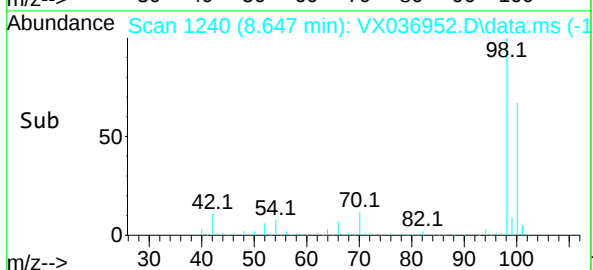
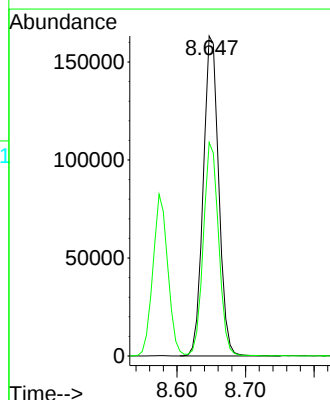
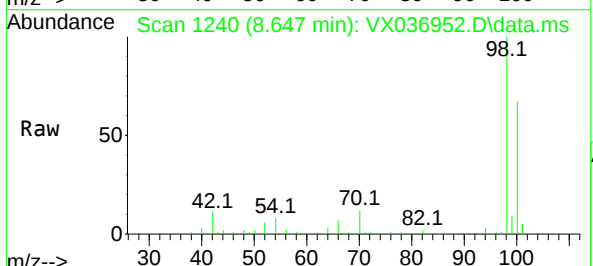
Delta R.T. 0.000 min

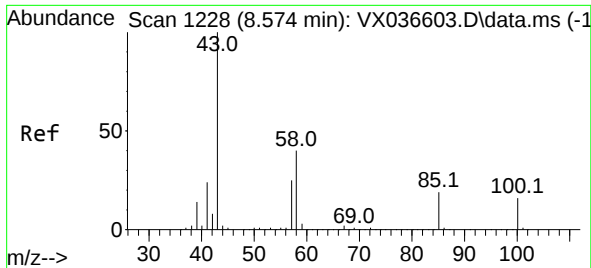
Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Tgt Ion: 98 Resp: 256656

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.1	79.7





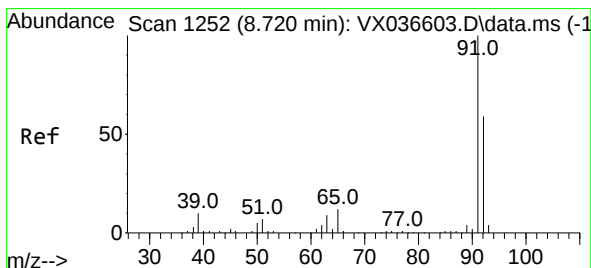
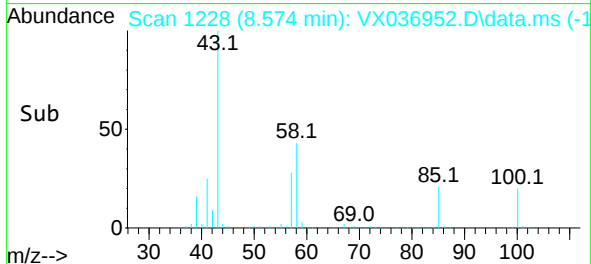
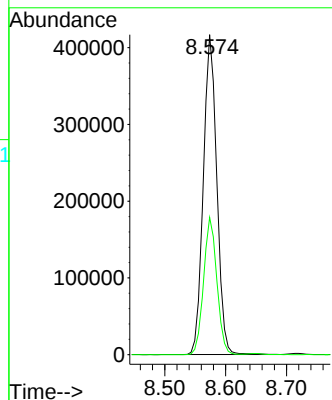
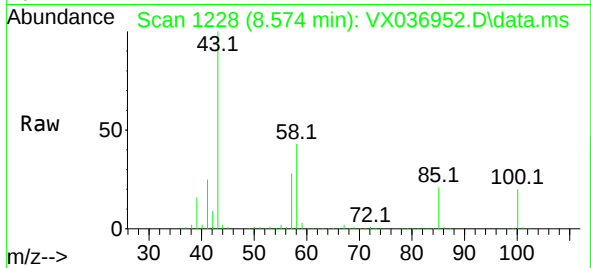
#51
4-Methyl-2-Pentanone
Concen: 254.895 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 642880
Ion Ratio Lower Upper
43 100
58 42.2 30.4 45.6

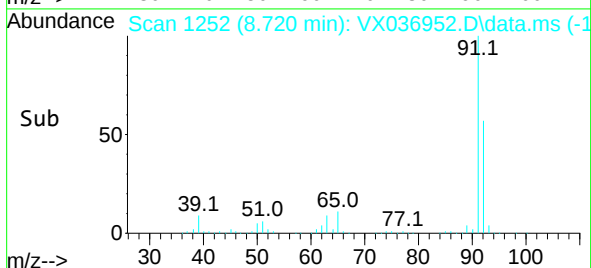
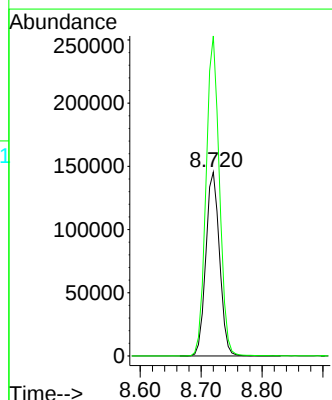
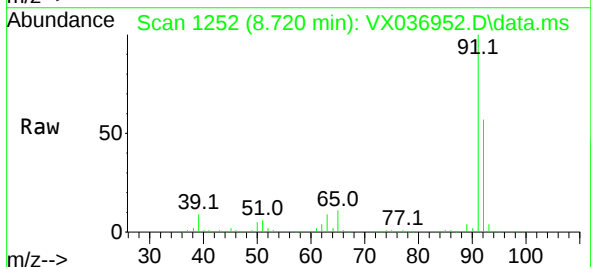
Manual Integrations
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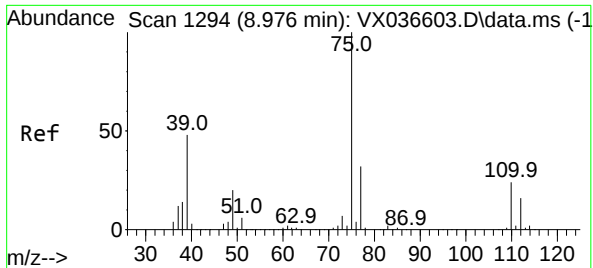
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#52
Toluene
Concen: 53.238 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

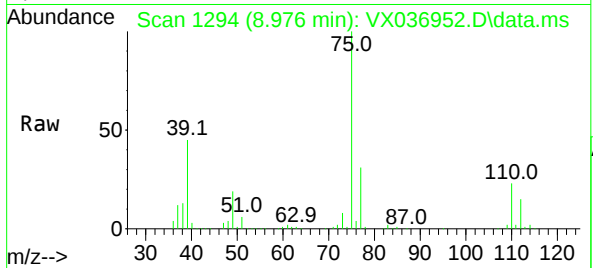
Tgt Ion: 92 Resp: 227031
Ion Ratio Lower Upper
92 100
91 170.0 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 49.307 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

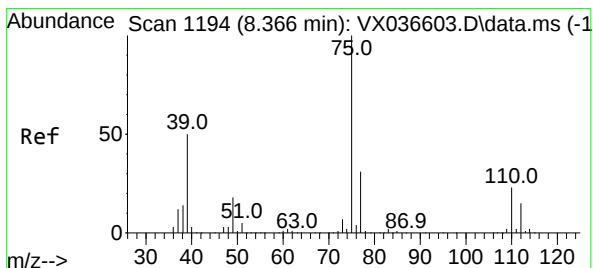
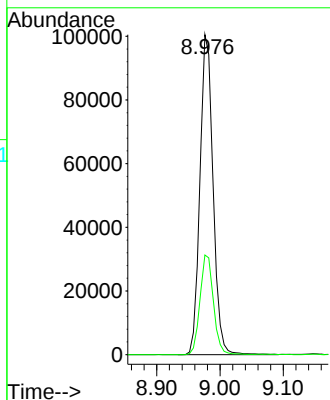
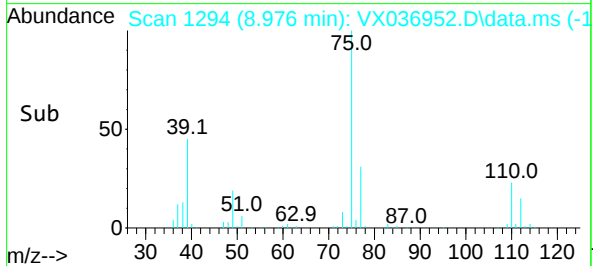
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



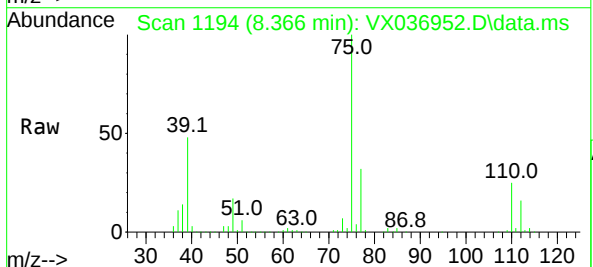
Tgt Ion: 75 Resp: 14547
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5

Manual Integrations
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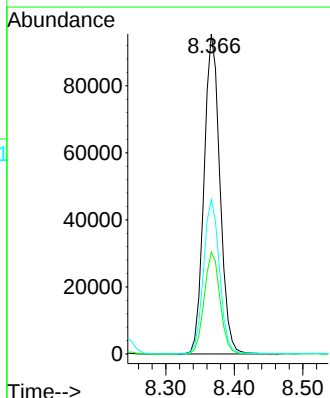
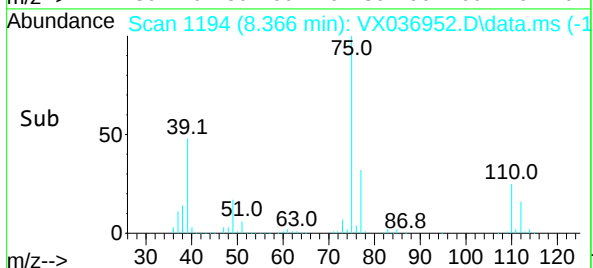
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

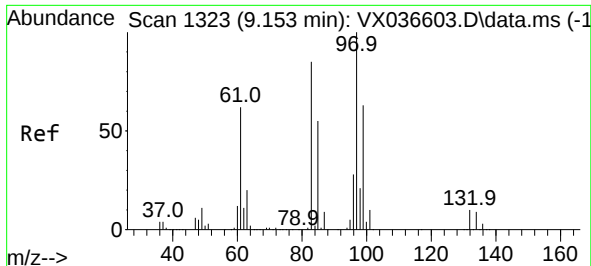


#54
cis-1,3-Dichloropropene
Concen: 49.516 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



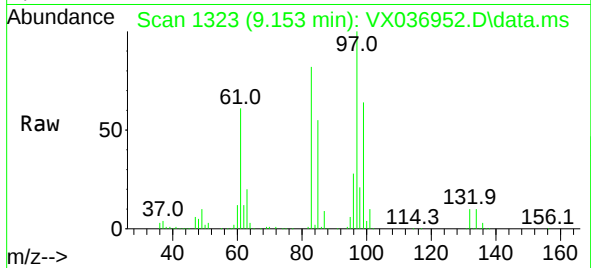
Tgt Ion: 75 Resp: 154158
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9
39 48.2 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 54.115 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

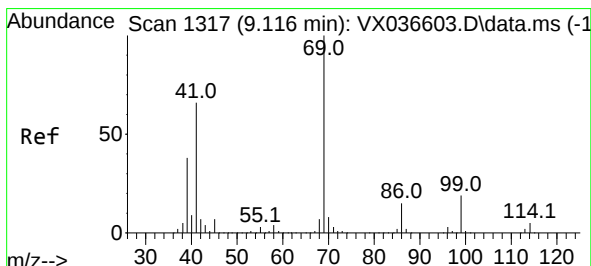
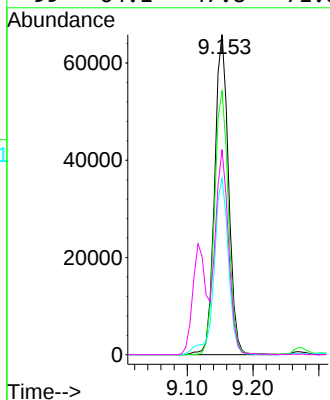
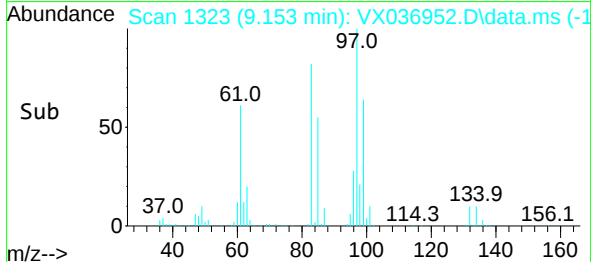
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



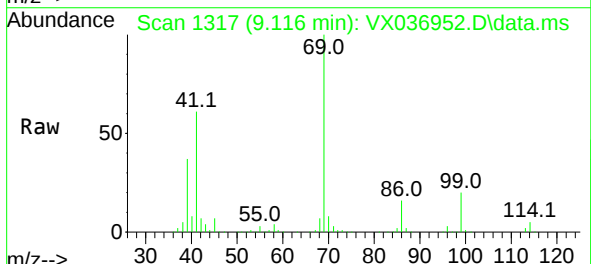
Tgt Ion: 97 Resp: 97000
Ion Ratio Lower Upper
97 100
83 82.3 65.8 98.8
85 55.1 41.6 62.4
99 64.1 47.8 71.8

Manual Integrations
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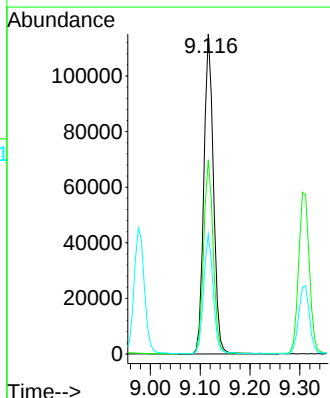
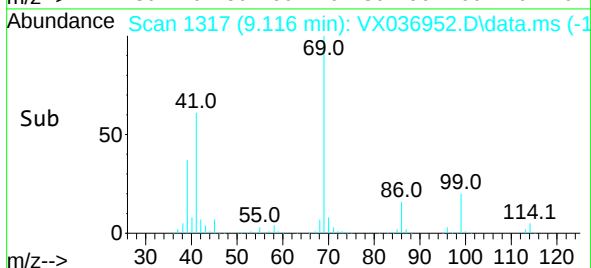
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

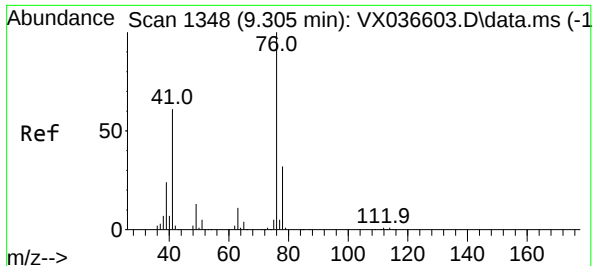


#56
Ethyl methacrylate
Concen: 52.720 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



Tgt Ion: 69 Resp: 153891
Ion Ratio Lower Upper
69 100
41 60.5 56.8 85.2
39 37.3 32.0 48.0





#57

1,3-Dichloropropane

Concen: 53.674 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 160250

Ion Ratio Lower Upper

76 100

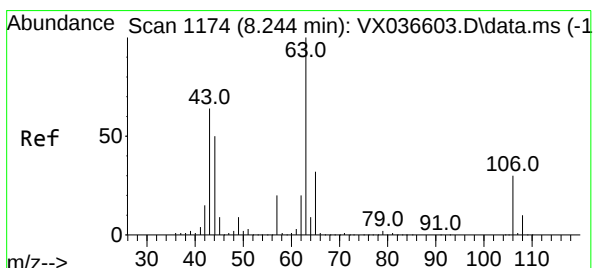
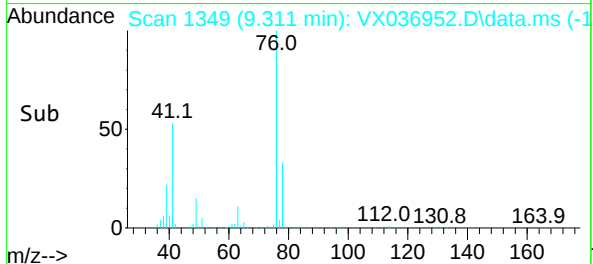
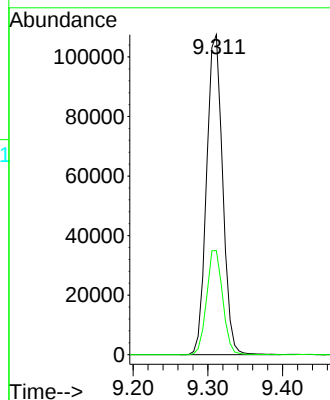
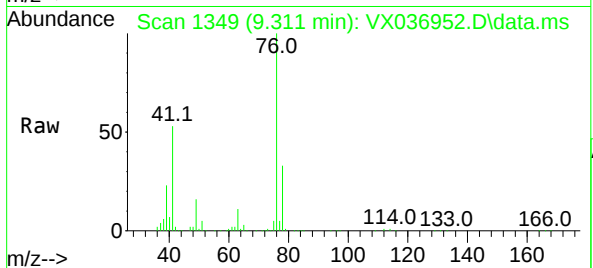
78 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.096 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX036952.D

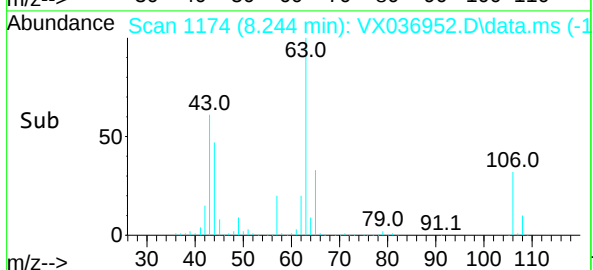
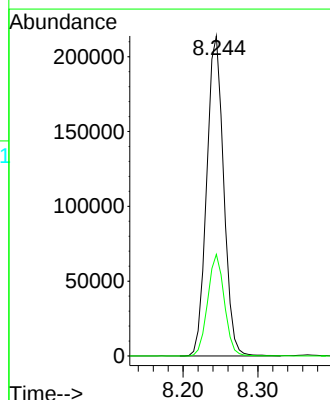
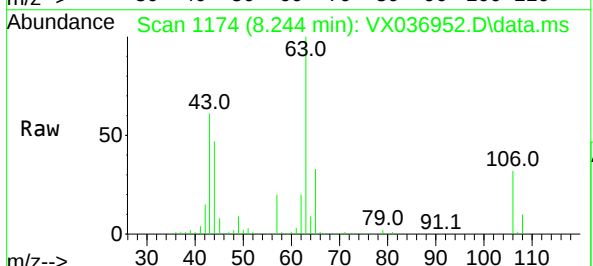
Acq: 11 Aug 2023 19:39

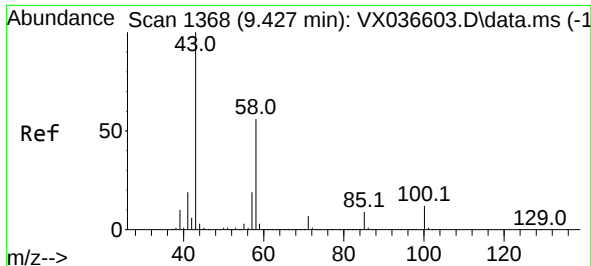
Tgt Ion: 63 Resp: 336697

Ion Ratio Lower Upper

63 100

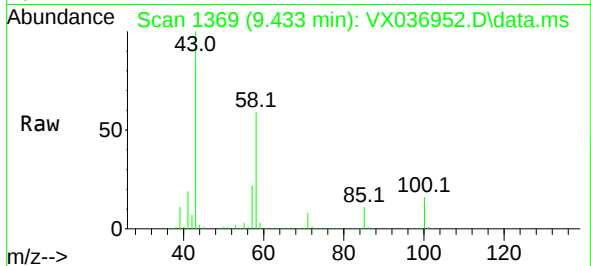
106 31.1 22.5 33.7





#59
2-Hexanone
Concen: 261.329 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

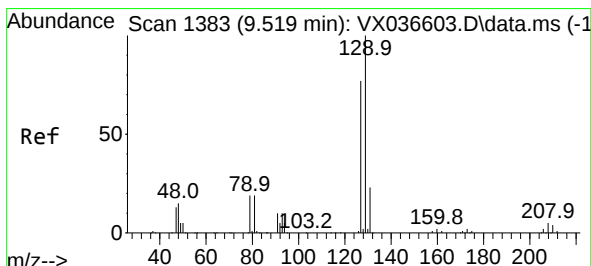
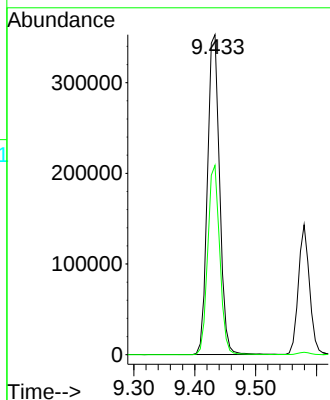
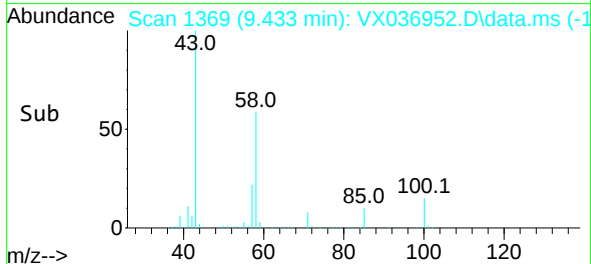
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 48916
Ion Ratio Lower Upper
43 100
58 58.5 26.2 78.5

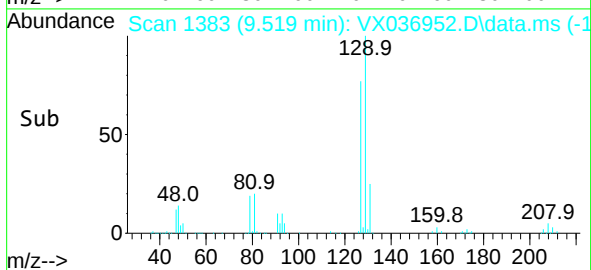
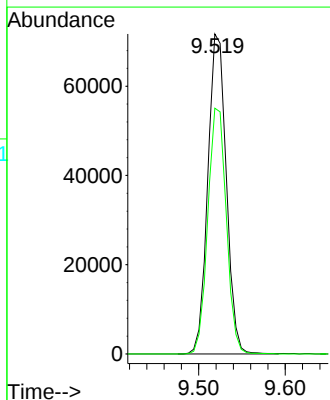
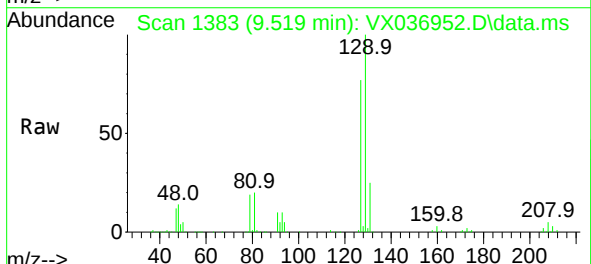
Manual Integrations
APPROVED

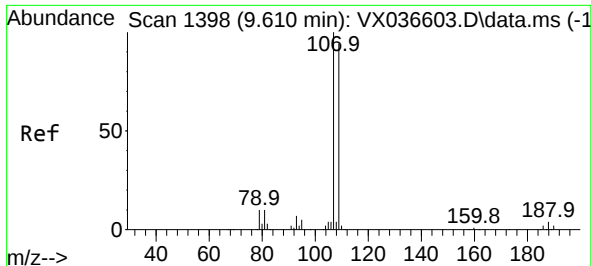
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#60
Dibromochloromethane
Concen: 53.865 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion:129 Resp: 106128
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.821 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

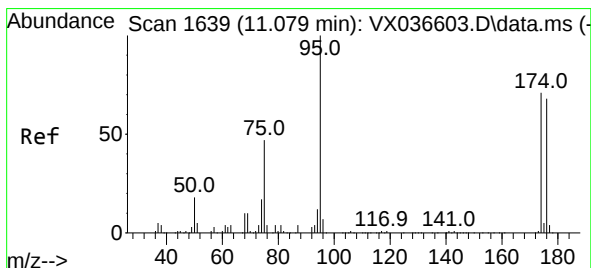
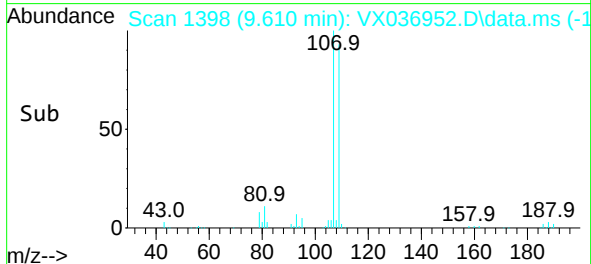
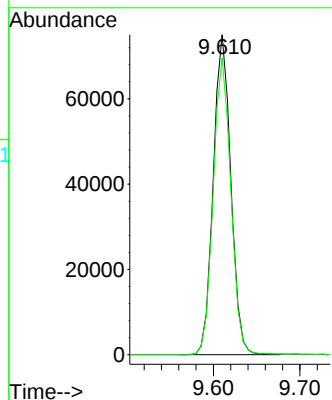
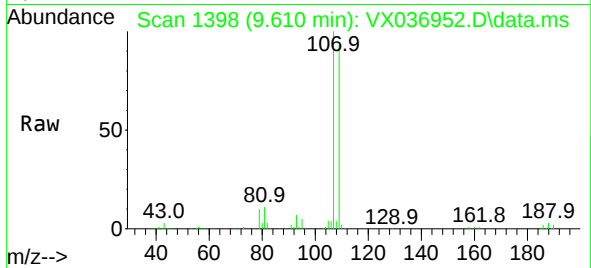
Tgt Ion:107 Resp: 10556
Ion Ratio Lower Upper
107 100
109 93.4 75.2 112.8

Manual Integrations

APPROVED

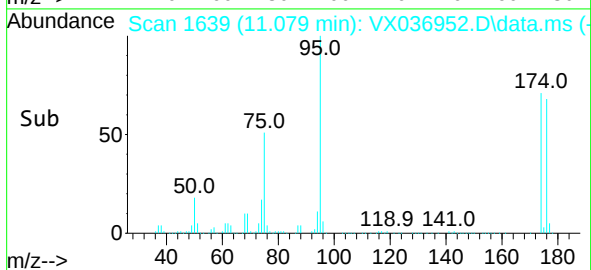
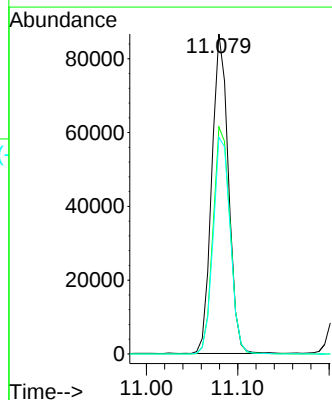
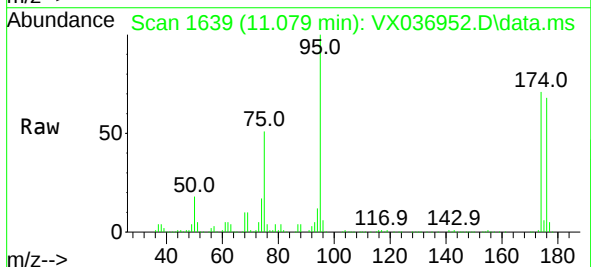
Reviewed By :John Carlone 08/14/2023

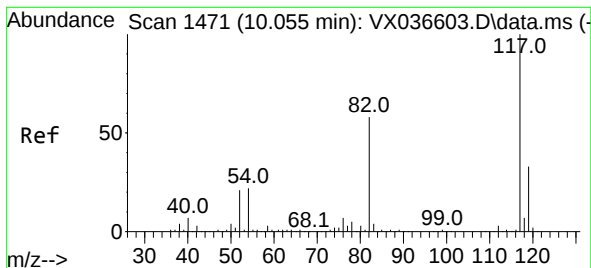
Supervised By :Mahesh Dadoda 08/15/2023



#62
4-Bromofluorobenzene
Concen: 52.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

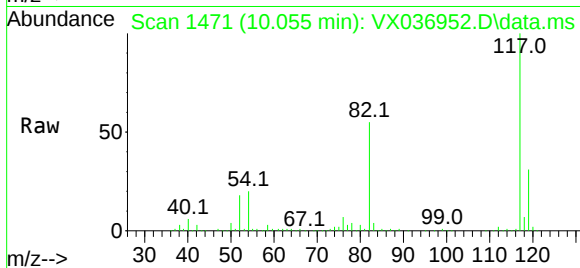
Tgt Ion: 95 Resp: 109348
Ion Ratio Lower Upper
95 100
174 72.8 0.0 135.6
176 69.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

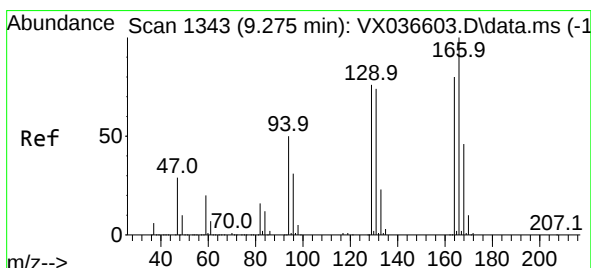
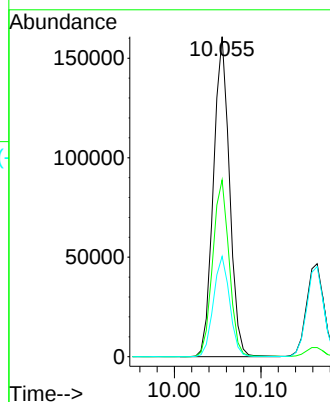
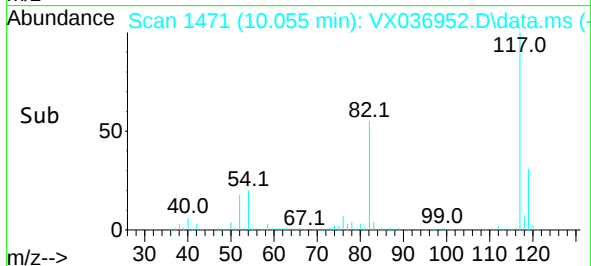
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 207580
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.4 25.5 38.3

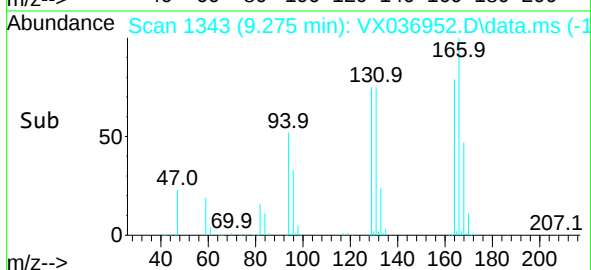
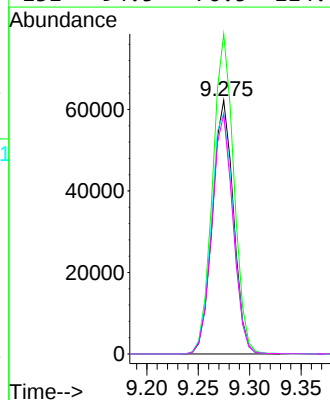
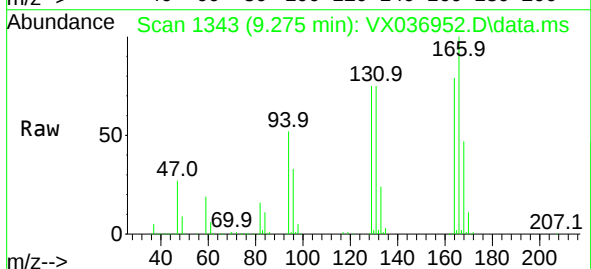
Manual Integrations
APPROVED

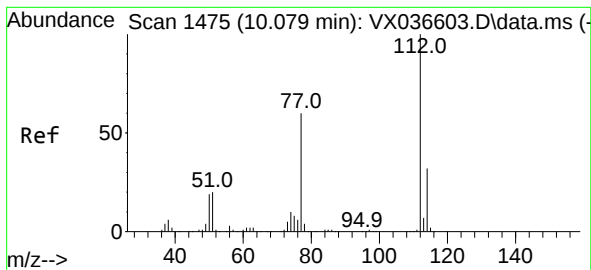
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#64
Tetrachloroethene
Concen: 57.062 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion:164 Resp: 88350
Ion Ratio Lower Upper
164 100
166 126.2 102.7 154.1
129 94.9 80.4 120.6
131 94.5 76.5 114.7





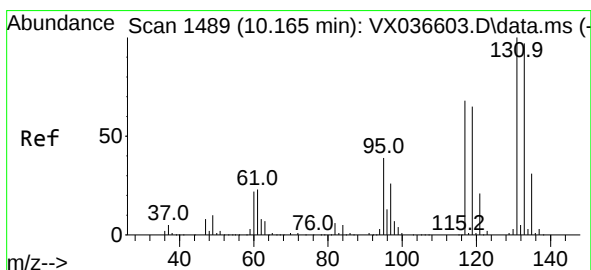
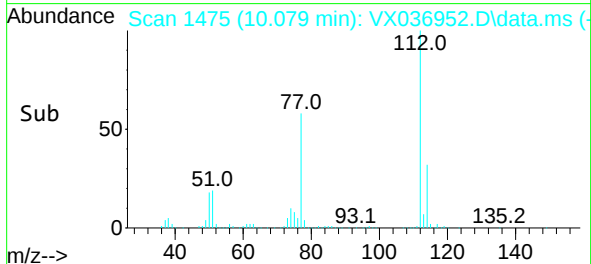
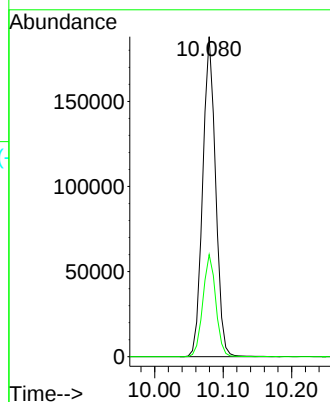
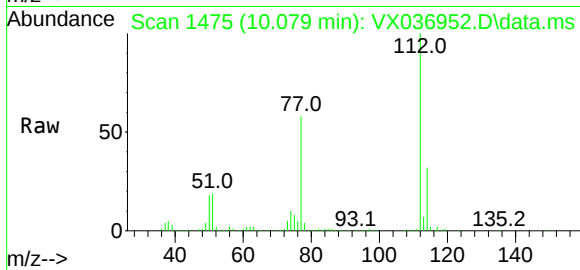
#65
Chlorobenzene
Concen: 53.929 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 24676
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5

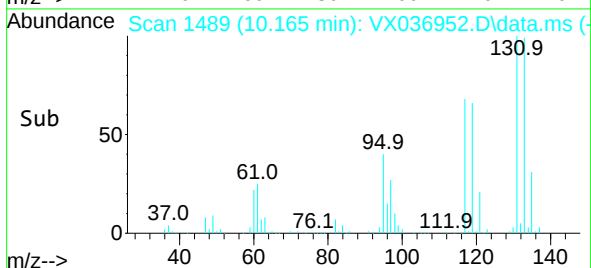
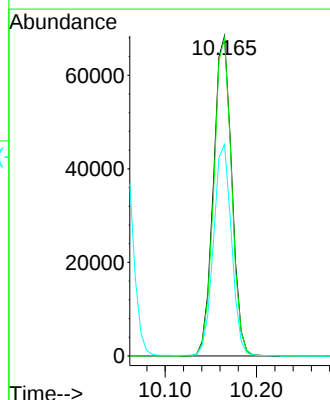
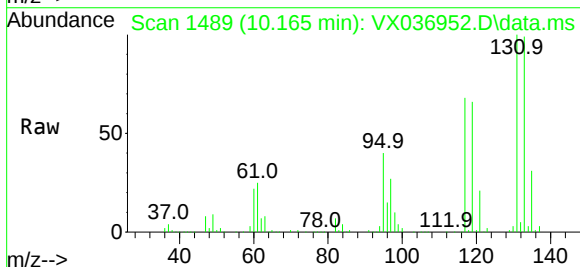
Manual Integrations
APPROVED

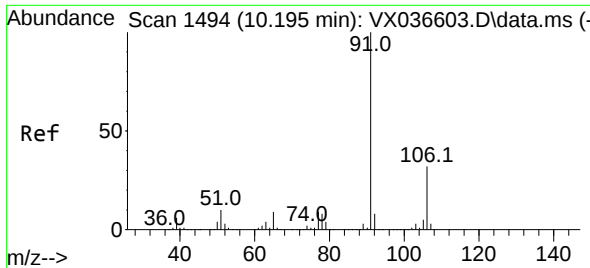
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 53.564 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

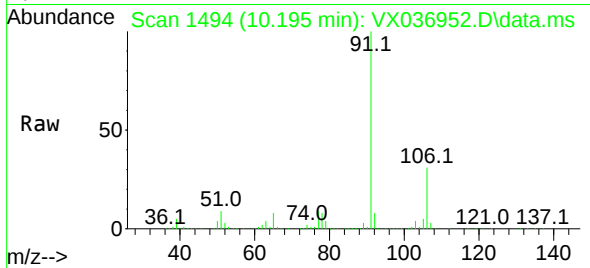
Tgt Ion:131 Resp: 94730
Ion Ratio Lower Upper
131 100
133 96.9 47.1 141.4
119 65.5 32.2 96.6





#67
Ethyl Benzene
Concen: 52.988 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

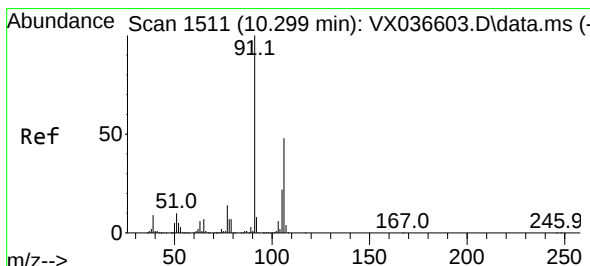
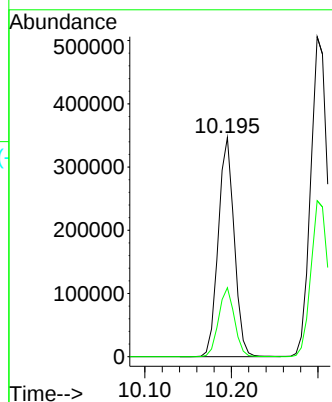
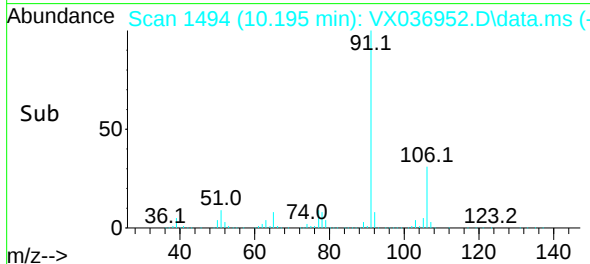
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



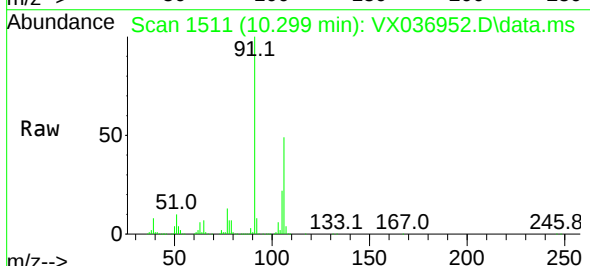
Tgt Ion: 91 Resp: 442917
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3

Manual Integrations
APPROVED

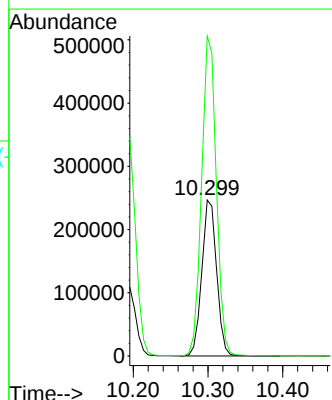
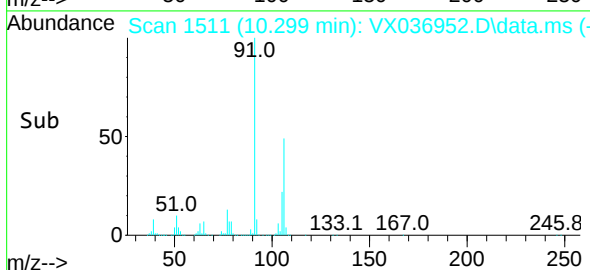
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

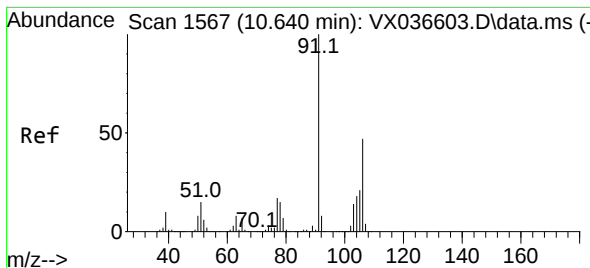


#68
m/p-Xylenes
Concen: 108.366 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



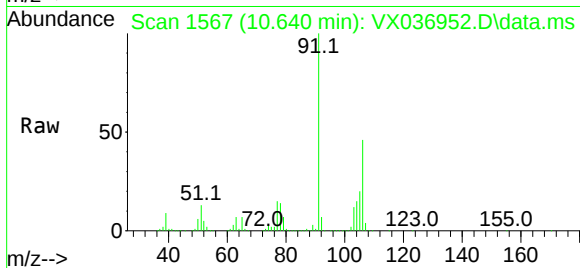
Tgt Ion:106 Resp: 337969
Ion Ratio Lower Upper
106 100
91 204.4 165.5 248.3





#69
o-Xylene
Concen: 54.718 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

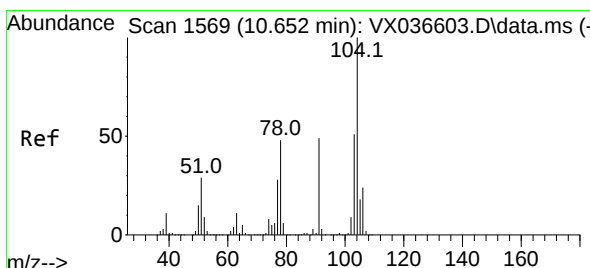
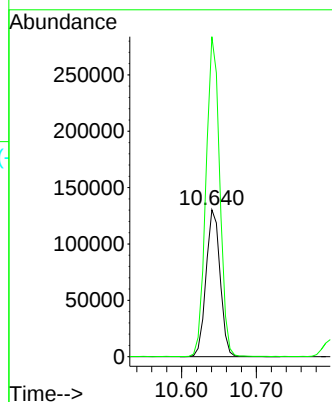
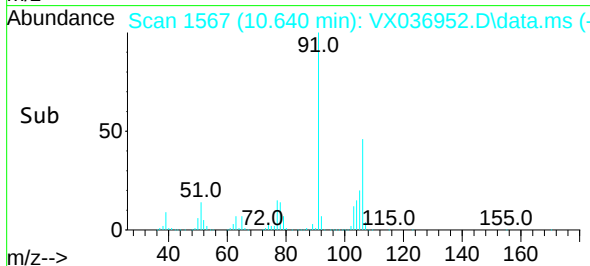
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 170340
Ion Ratio Lower Upper
106 100
91 213.5 108.9 326.8

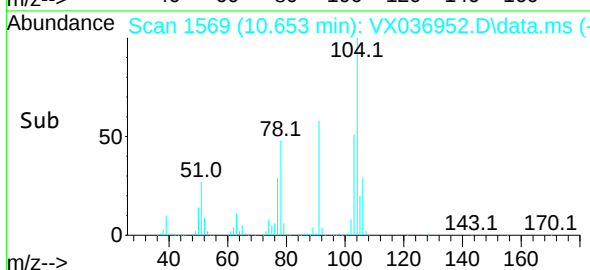
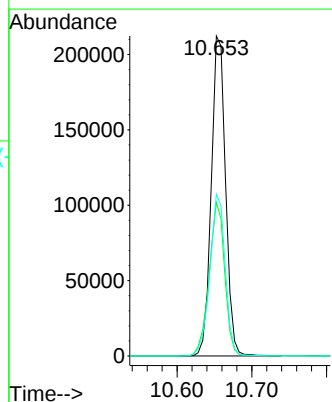
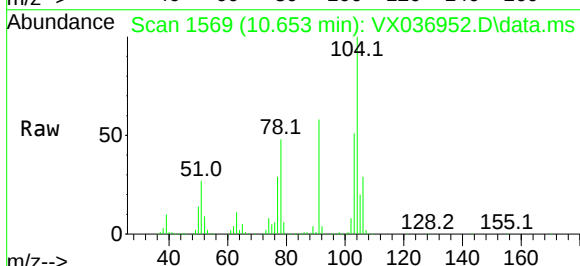
Manual Integrations
APPROVED

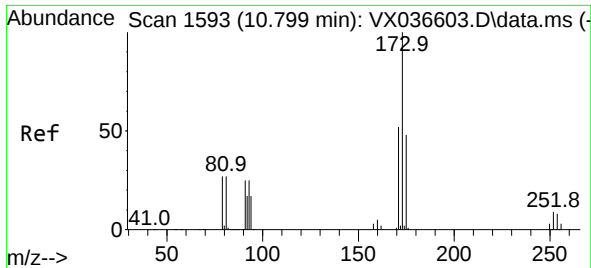
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#70
Styrene
Concen: 55.064 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

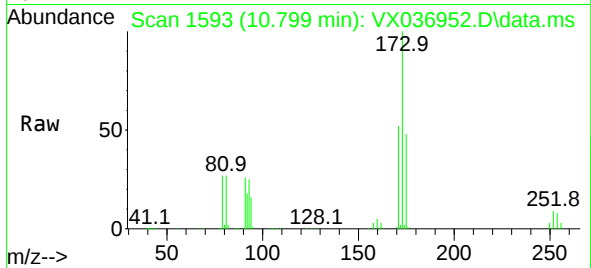
Tgt Ion:104 Resp: 282822
Ion Ratio Lower Upper
104 100
78 52.2 43.6 65.4
103 54.4 43.6 65.4





#71
Bromoform
Concen: 53.205 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

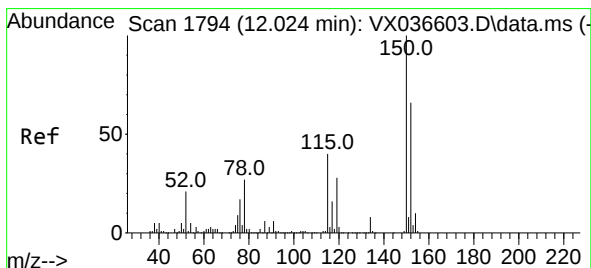
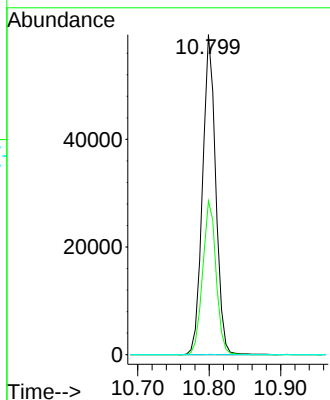
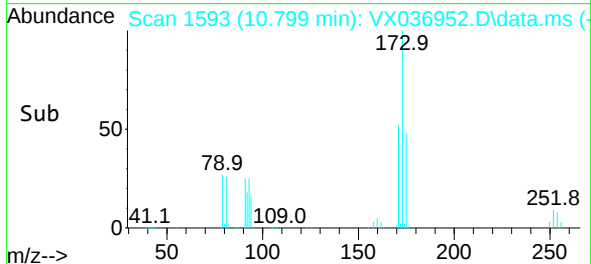
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 76170
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.1 0.0 0.0

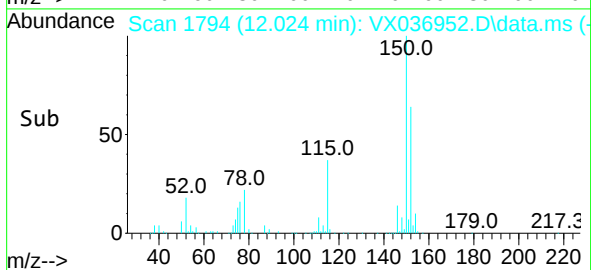
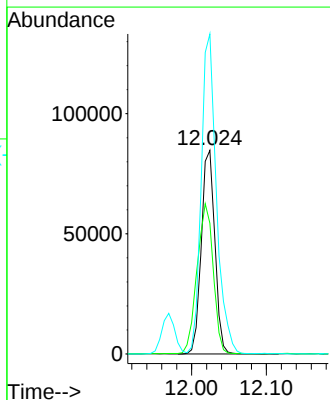
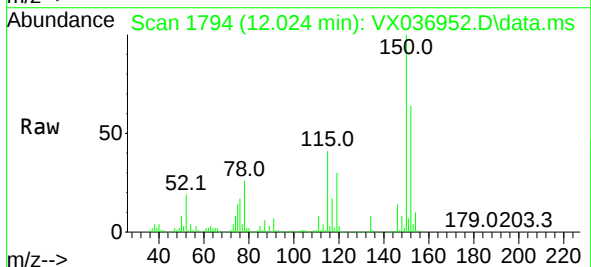
Manual Integrations
APPROVED

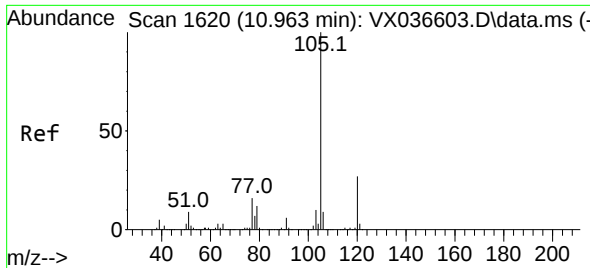
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

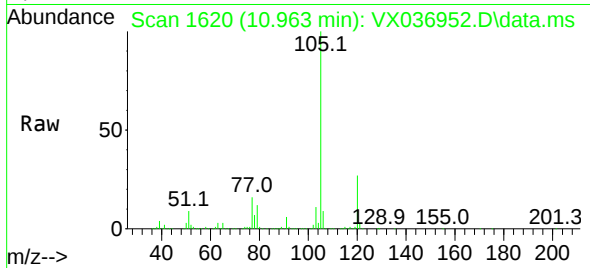
Tgt Ion:152 Resp: 106914
Ion Ratio Lower Upper
152 100
115 88.0 43.3 129.9
150 175.0 0.0 345.0





#73
Isopropylbenzene
Concen: 49.008 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

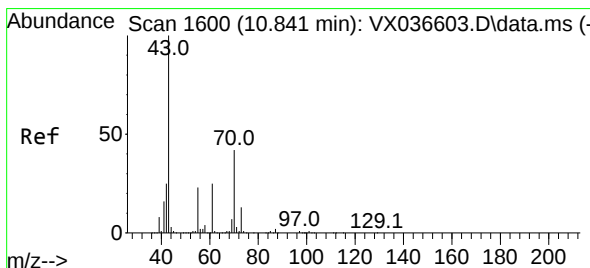
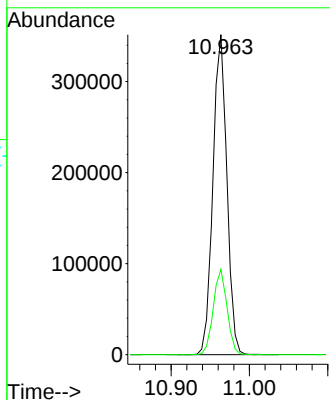
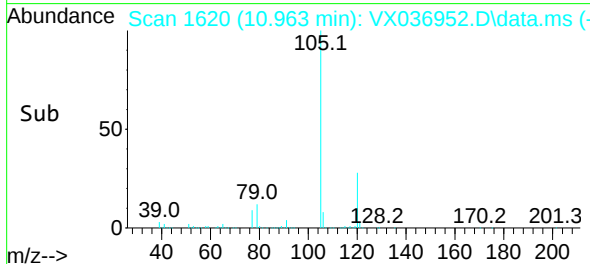
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 105 Resp: 433620
Ion Ratio Lower Upper
105 100
120 26.4 12.9 38.6

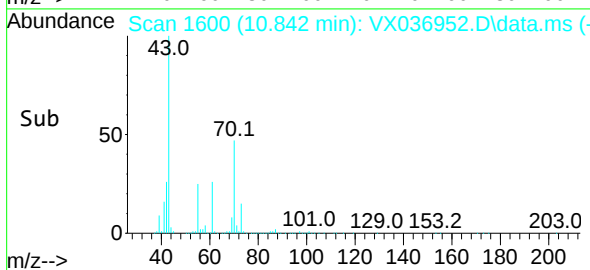
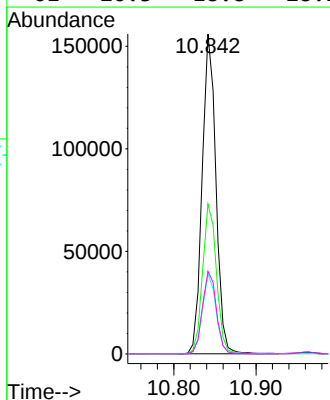
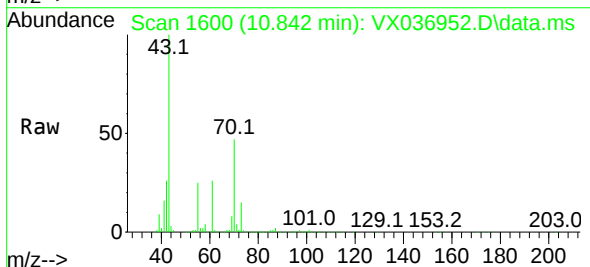
Manual Integrations
APPROVED

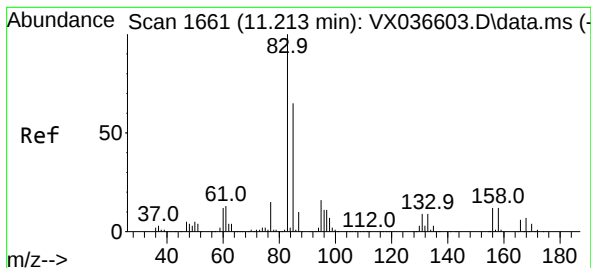
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#74
N-ethyl acetate
Concen: 43.813 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

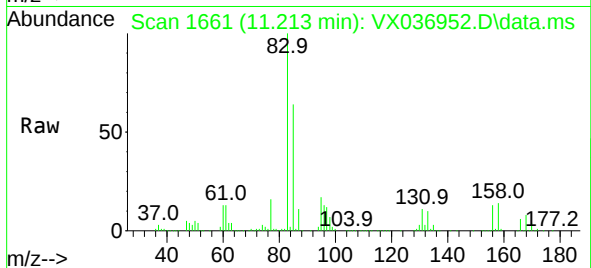
Tgt Ion: 43 Resp: 180774
Ion Ratio Lower Upper
43 100
70 47.6 32.9 49.3
55 24.8 19.3 28.9
61 26.3 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.582 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

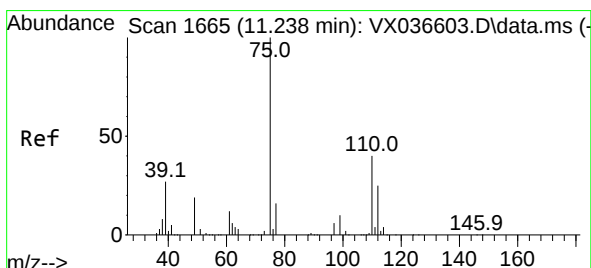
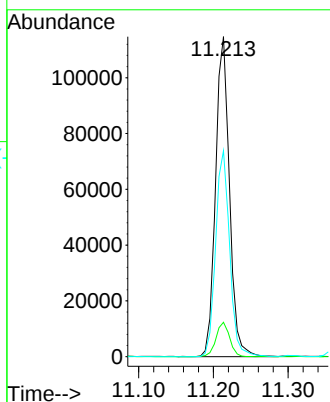
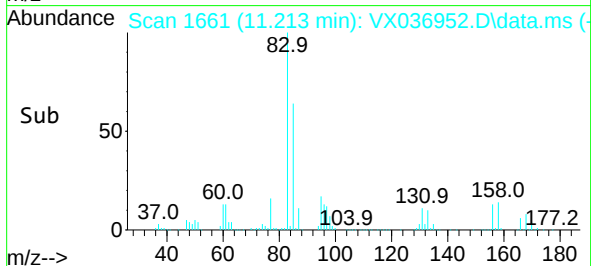
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



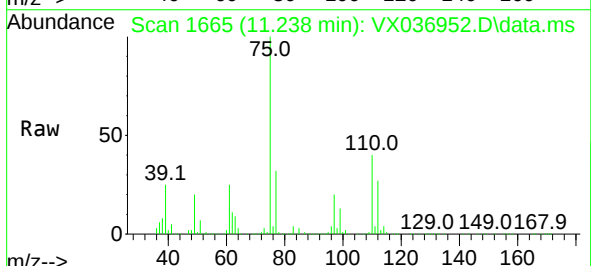
Tgt Ion: 83 Resp: 14817
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 65.0 32.0 96.2

Manual Integrations
APPROVED

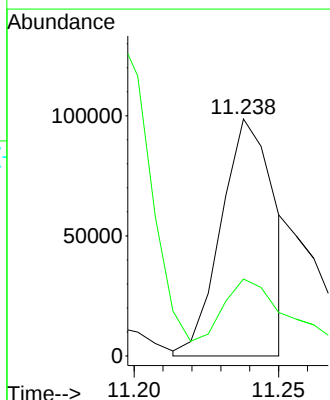
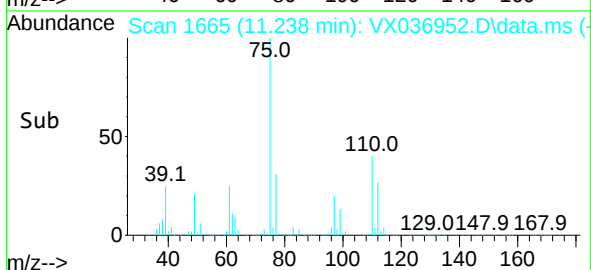
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

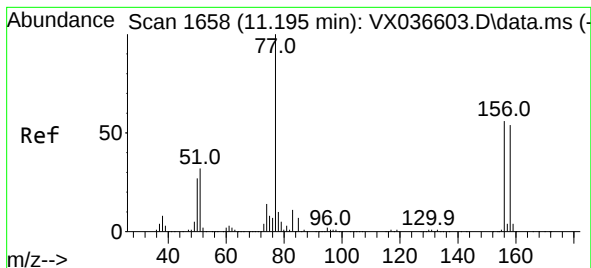


#76
1,2,3-Trichloropropane
Concen: 50.017 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



Tgt Ion: 75 Resp: 125779
Ion Ratio Lower Upper
75 100
77 43.2 19.1 57.5





#77

Bromobenzene

Concen: 52.854 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

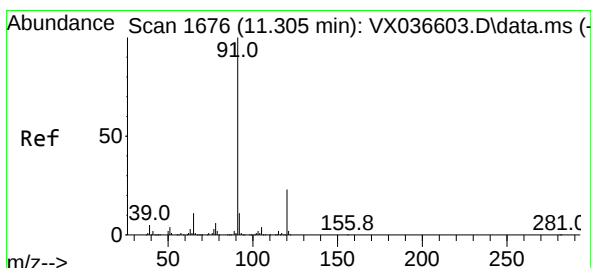
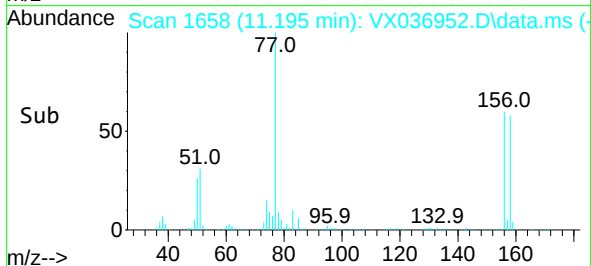
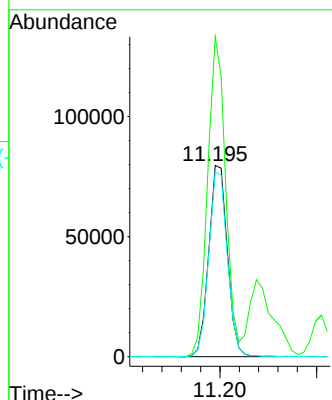
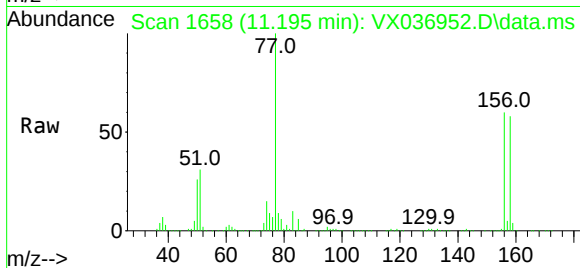
Tgt Ion:	156	Resp:	10650
Ion Ratio	Lower	Upper	
156	100		
77	160.9	88.4	265.3
158	96.5	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#78

n-propylbenzene

Concen: 47.777 ug/l

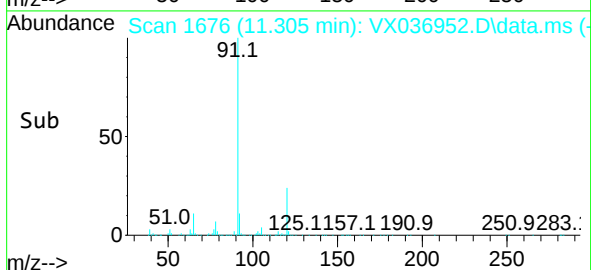
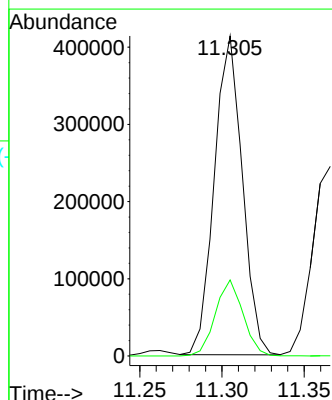
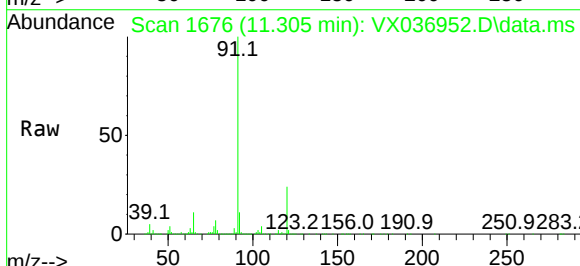
RT: 11.305 min Scan# 1676

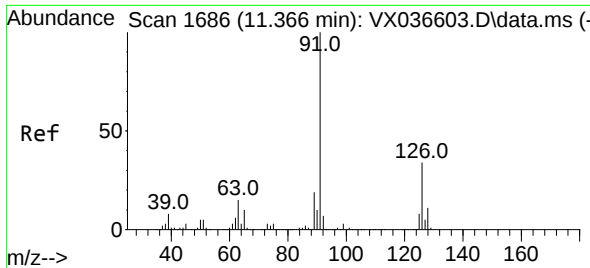
Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

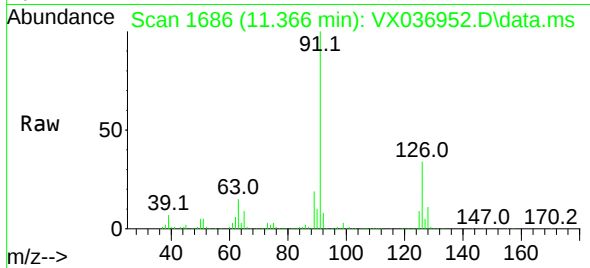
Tgt Ion:	91	Resp:	488896
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.5	34.4





#79
2-Chlorotoluene
Concen: 49.763 ug/l
RT: 11.366 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

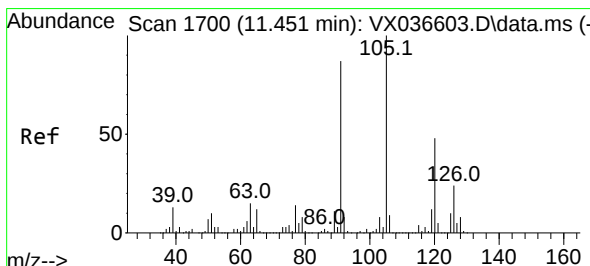
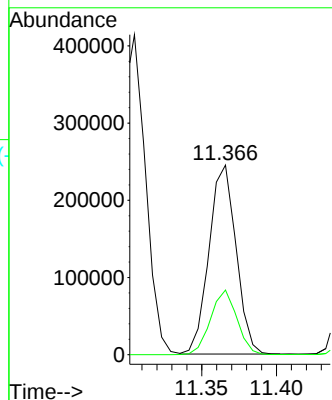
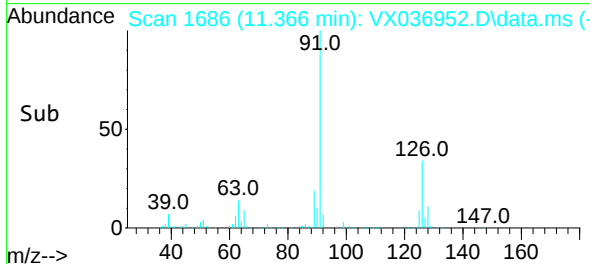
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



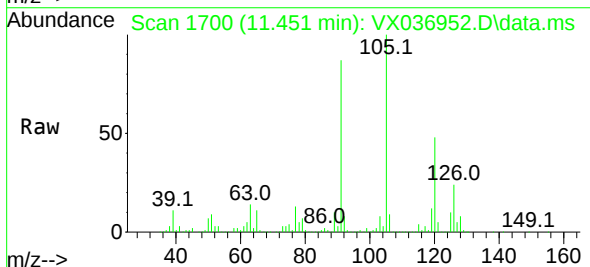
Tgt Ion: 91 Resp: 308568
Ion Ratio Lower Upper
91 100
126 33.4 16.3 48.8

Manual Integrations
APPROVED

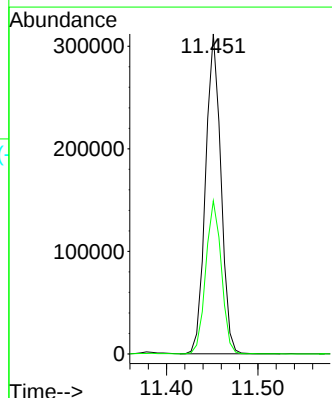
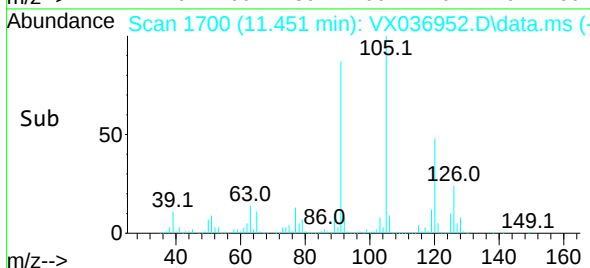
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023

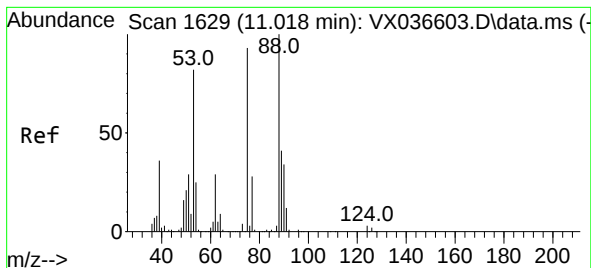


#80
1,3,5-Trimethylbenzene
Concen: 49.152 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



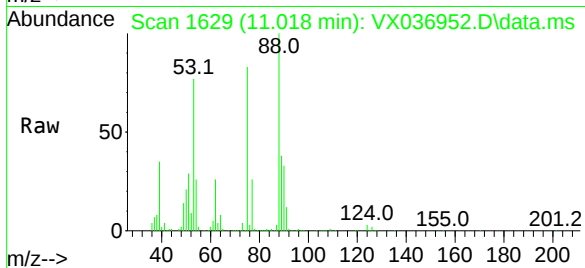
Tgt Ion:105 Resp: 363824
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.956 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

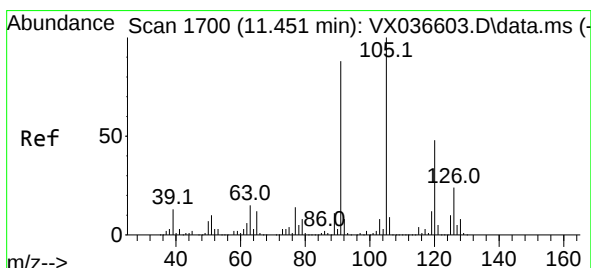
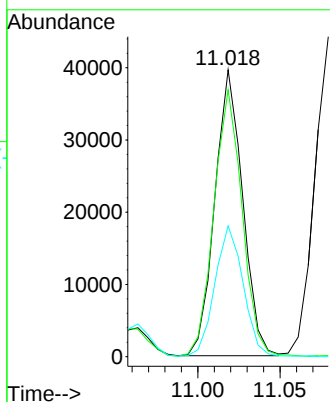
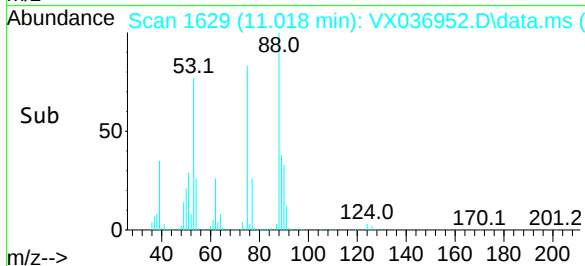
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 46550
Ion Ratio Lower Upper
75 100
53 94.9 90.5 135.7
89 46.8 36.9 55.3

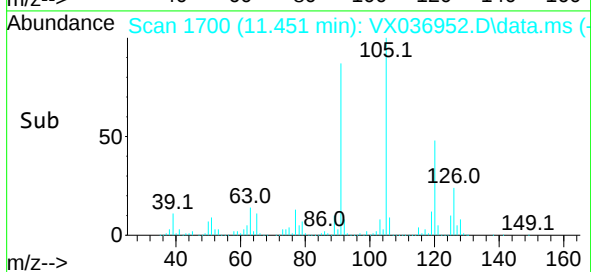
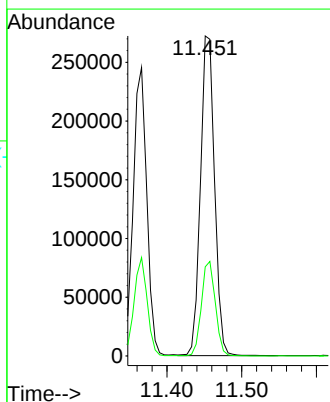
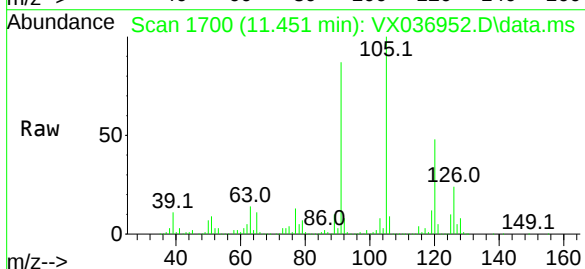
Manual Integrations
APPROVED

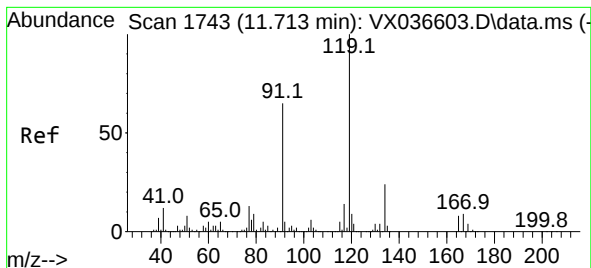
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#82
4-Chlorotoluene
Concen: 50.554 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

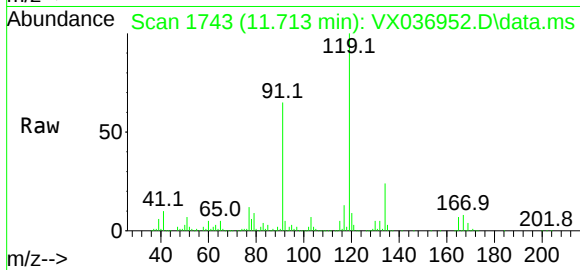
Tgt Ion: 91 Resp: 357172
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.6





#83
tert-Butylbenzene
Concen: 47.595 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

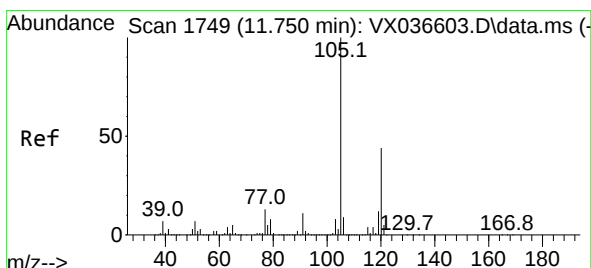
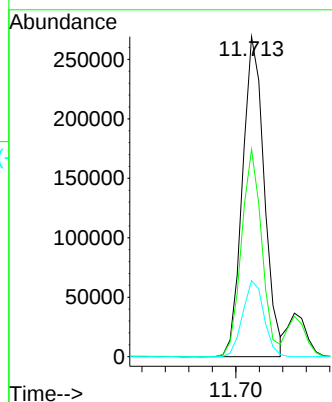
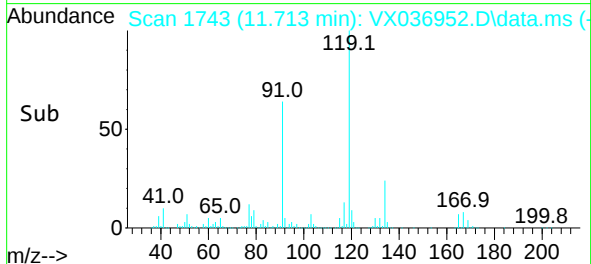
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:119 Resp: 34610
Ion Ratio Lower Upper
119 100
91 60.8 31.2 93.6
134 23.3 11.7 35.0

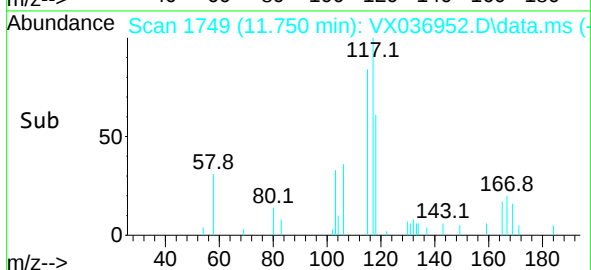
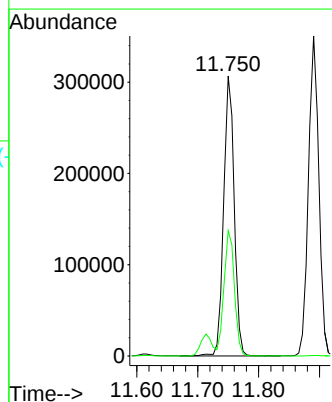
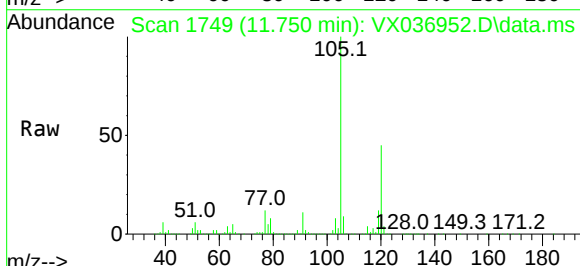
Manual Integrations
APPROVED

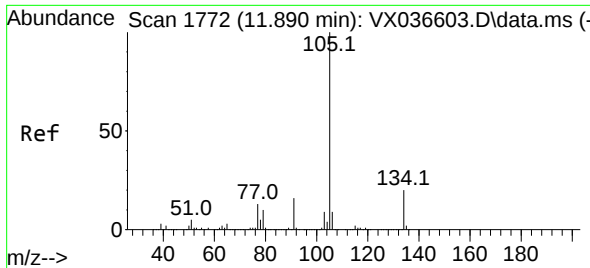
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.784 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion:105 Resp: 368537
Ion Ratio Lower Upper
105 100
120 44.2 21.2 63.6





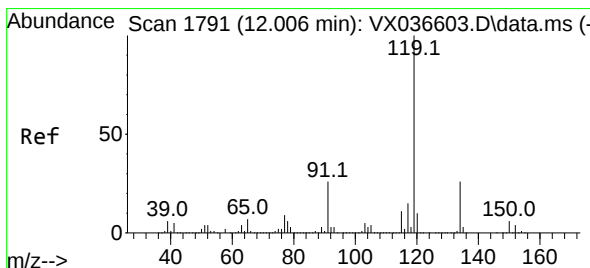
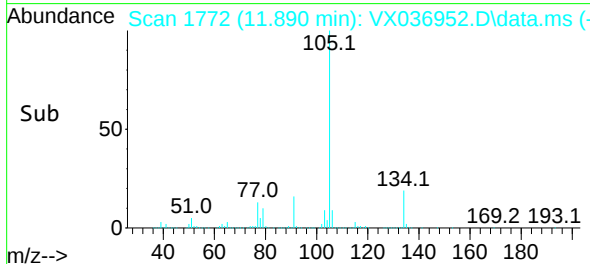
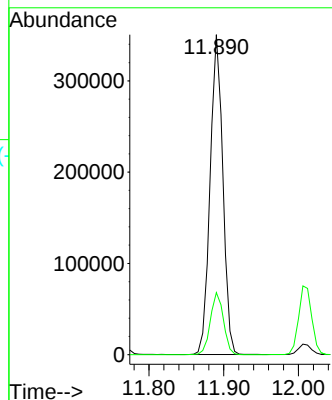
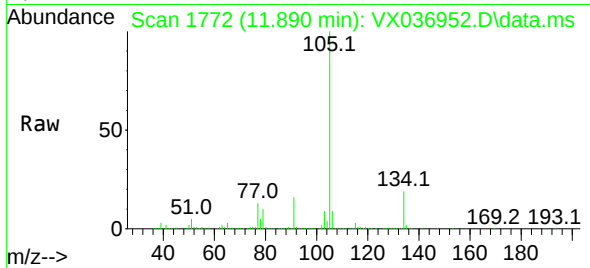
#85
 sec-Butylbenzene
 Concen: 45.699 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 414423
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.4

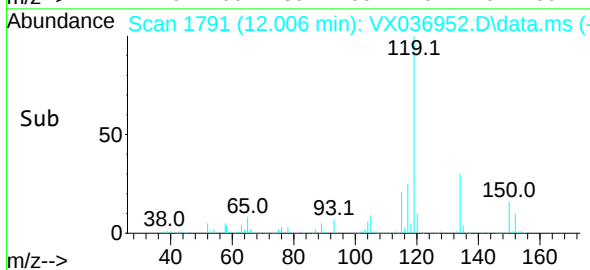
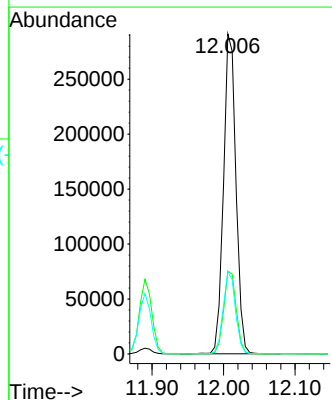
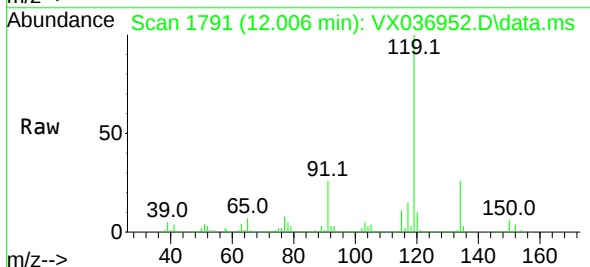
Manual Integrations
 APPROVED

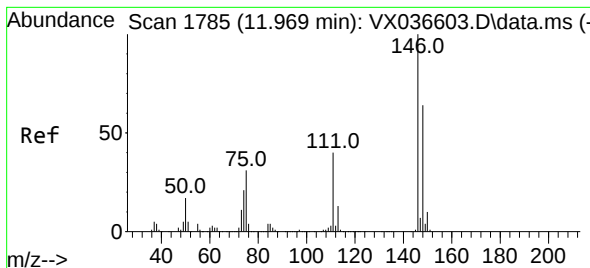
Reviewed By :John Carlone 08/14/2023
 Supervised By :Mahesh Dadoda 08/15/2023



#86
 p-Isopropyltoluene
 Concen: 47.235 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX036952.D
 Acq: 11 Aug 2023 19:39

Tgt Ion:119 Resp: 352467
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.4 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.377 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 19920

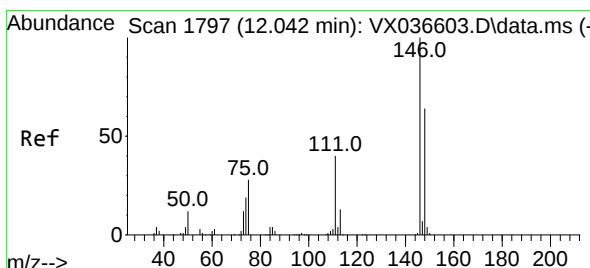
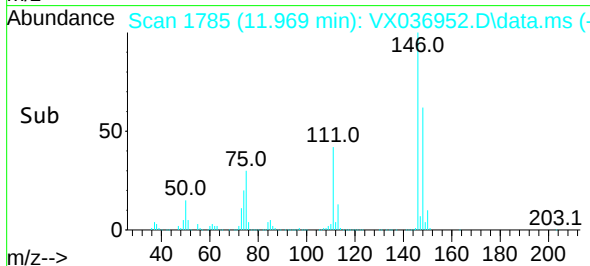
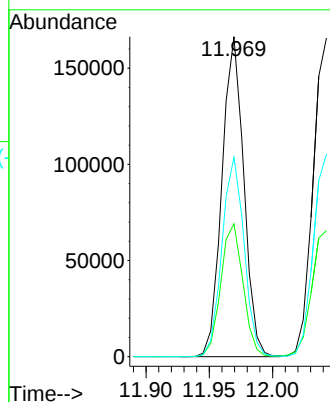
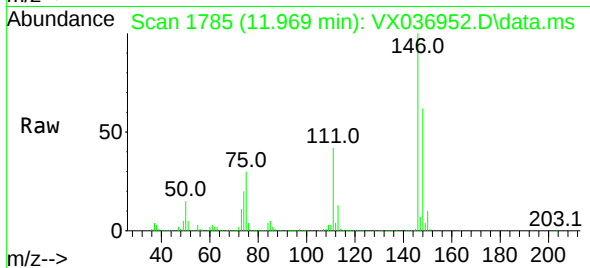
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.1	66.1
148	63.3	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#88

1,4-Dichlorobenzene

Concen: 55.085 ug/l

RT: 12.043 min Scan# 1797

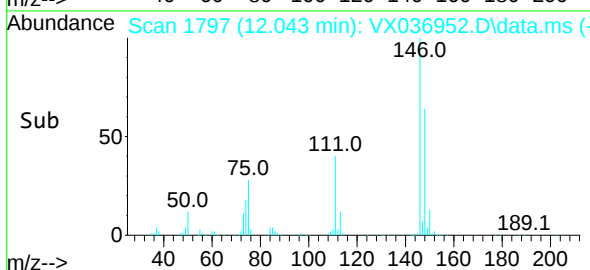
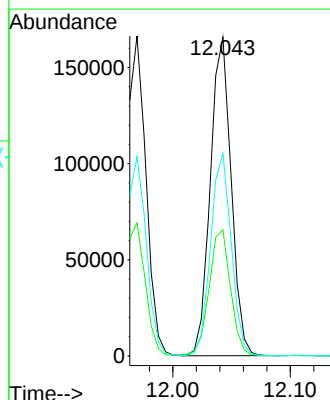
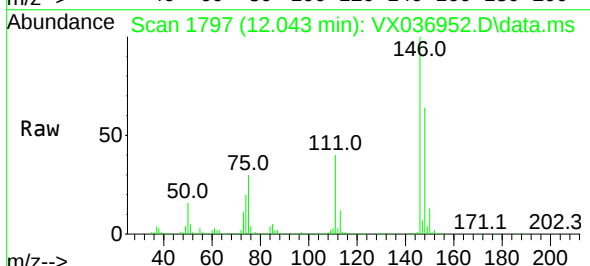
Delta R.T. 0.000 min

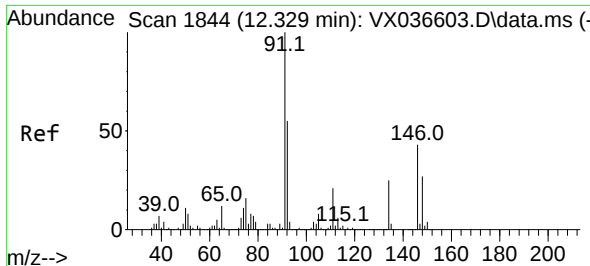
Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Tgt Ion:146 Resp: 204019

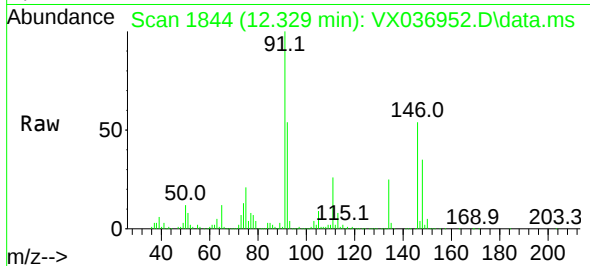
Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.3	63.7
148	63.3	31.8	95.4





#89
n-Butylbenzene
Concen: 45.000 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

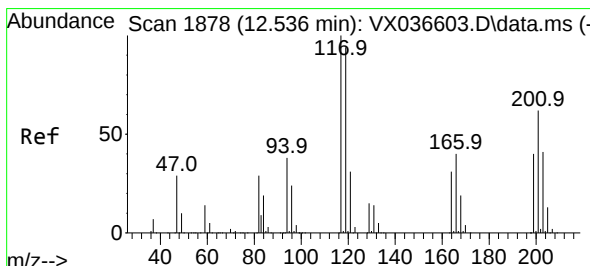
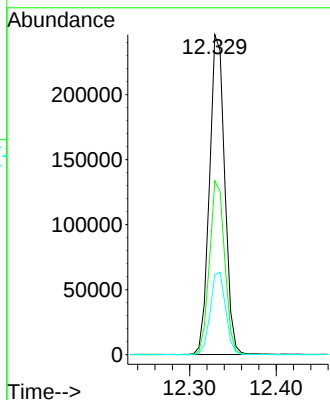
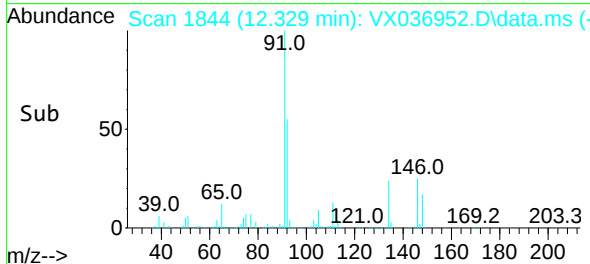
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 30059
Ion Ratio Lower Upper
91 100
92 54.2 27.4 82.0
134 26.0 12.6 37.8

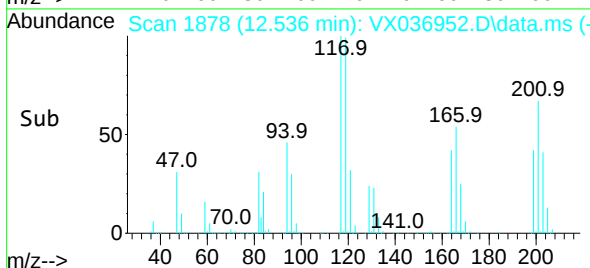
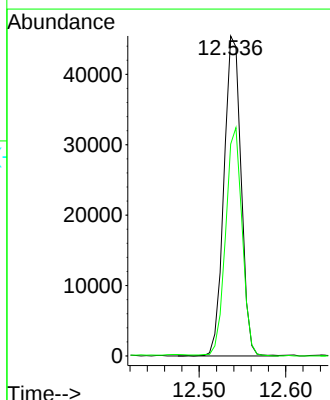
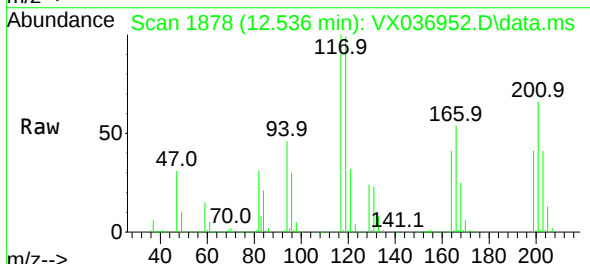
Manual Integrations
APPROVED

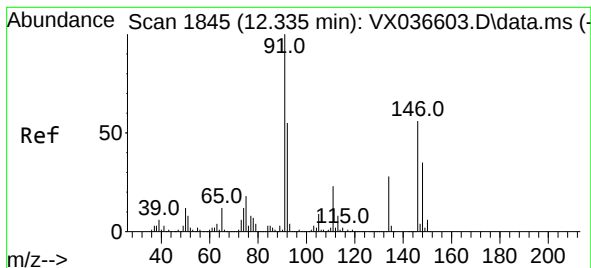
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#90
Hexachloroethane
Concen: 41.204 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

Tgt Ion:117 Resp: 62331
Ion Ratio Lower Upper
117 100
201 69.0 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 54.515 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

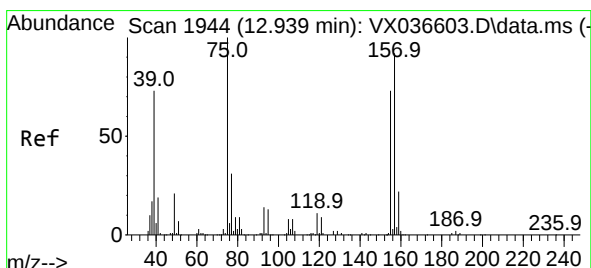
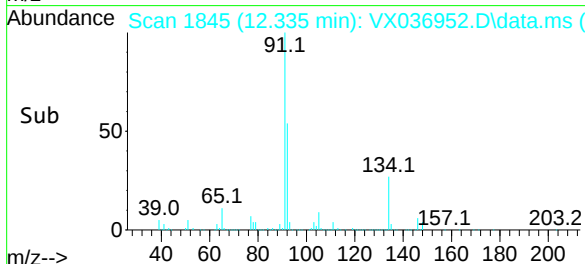
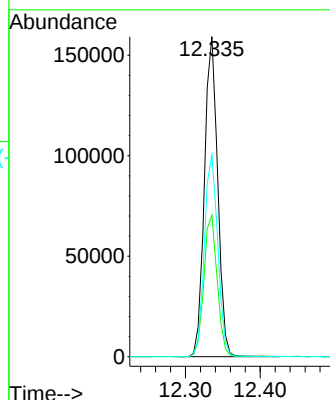
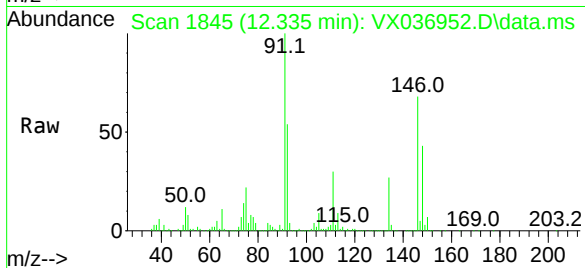
Tgt Ion:	146	Resp:	196330
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.4	67.0
148	63.9	31.6	95.0

Manual Integrations

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Reviewed By :John Carlone 08/14/2023

Supervised By :Mahesh Dadoda 08/15/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.085 ug/l

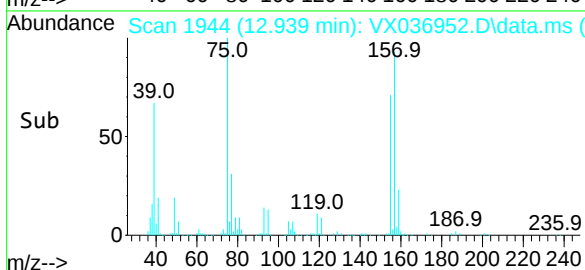
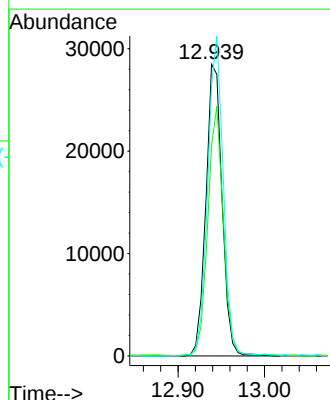
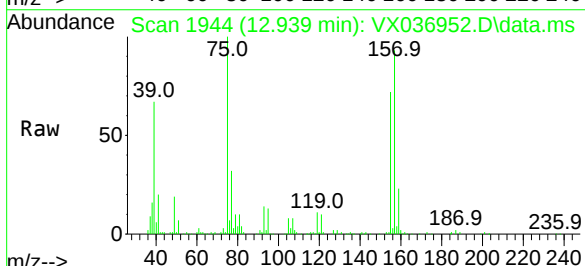
RT: 12.939 min Scan# 1944

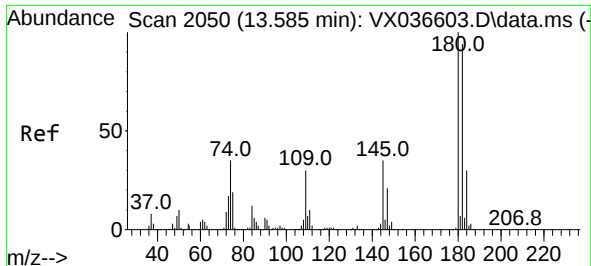
Delta R.T. 0.000 min

Lab File: VX036952.D

Acq: 11 Aug 2023 19:39

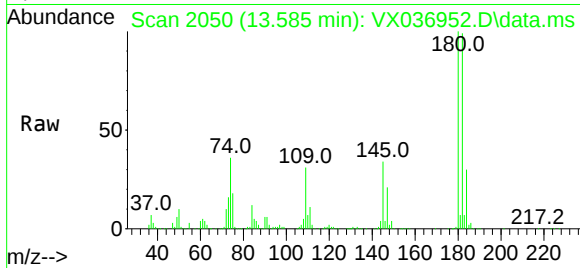
Tgt Ion:	75	Resp:	36865
Ion Ratio	Lower	Upper	
75	100		
155	82.9	36.1	108.5
157	105.2	44.9	134.7





#93
1,2,4-Trichlorobenzene
Concen: 51.809 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

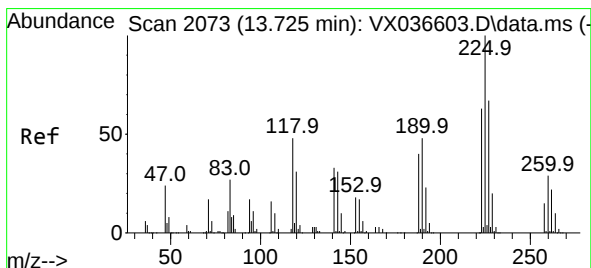
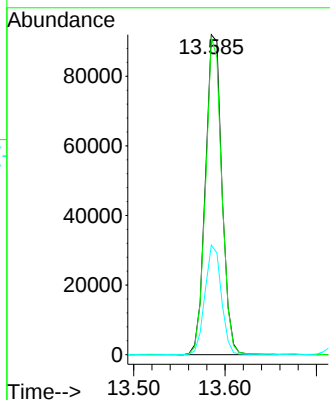
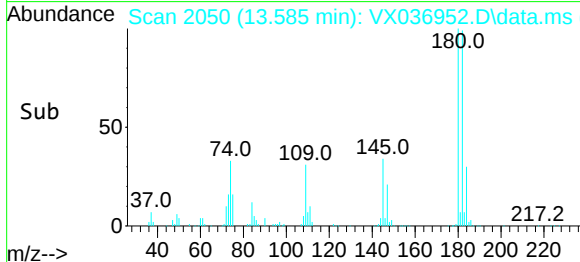
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:180 Resp: 114954
Ion Ratio Lower Upper
180 100
182 96.9 48.3 144.8
145 34.0 18.0 54.0

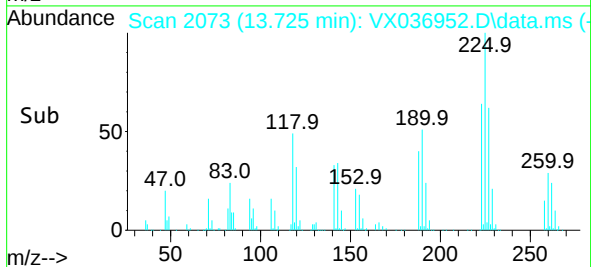
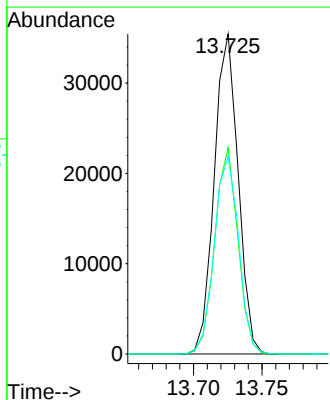
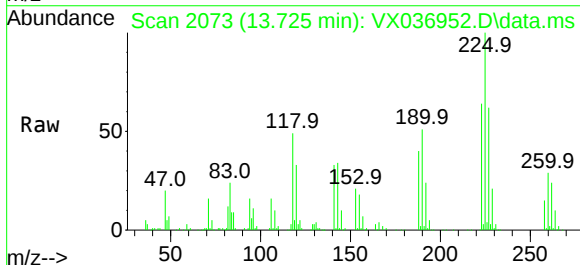
Manual Integrations
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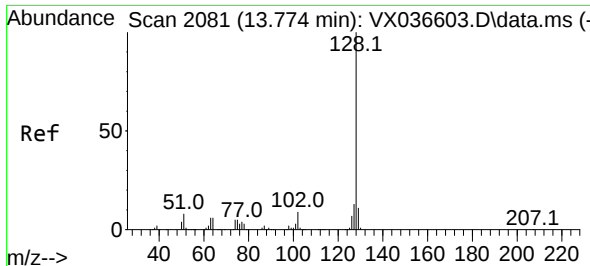
Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#94
Hexachlorobutadiene
Concen: 46.705 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

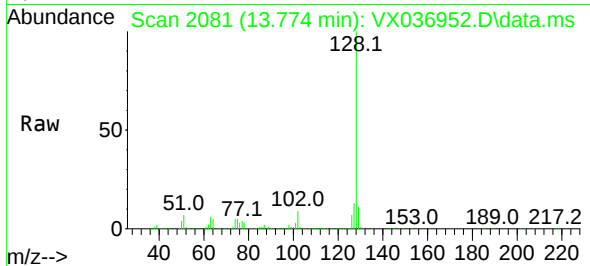
Tgt Ion:225 Resp: 42873
Ion Ratio Lower Upper
225 100
223 62.5 31.1 93.2
227 63.1 32.5 97.5





#95
Naphthalene
Concen: 57.619 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39

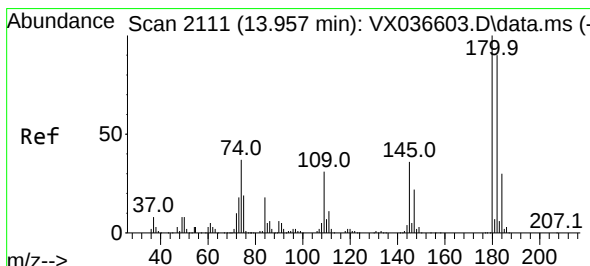
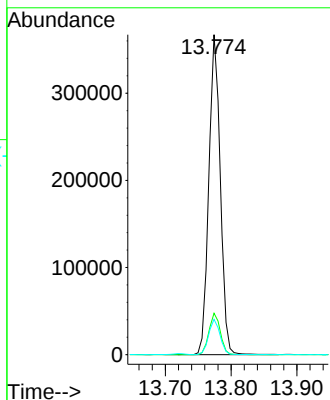
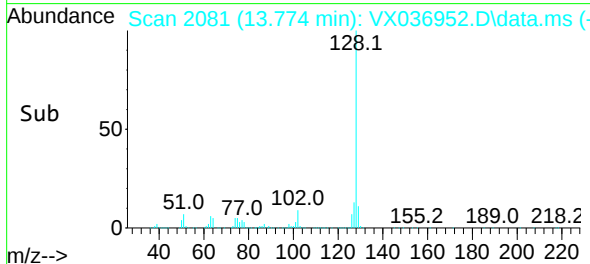
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



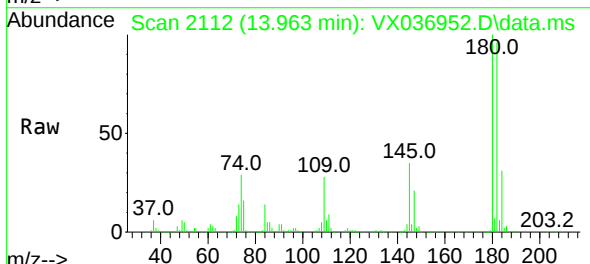
Tgt Ion:128 Resp: 445510
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/14/2023
Supervised By :Mahesh Dadoda 08/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 52.959 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX036952.D
Acq: 11 Aug 2023 19:39



Tgt Ion:180 Resp: 115815
Ion Ratio Lower Upper
180 100
182 95.7 46.9 140.6
145 36.3 17.8 53.5

