

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110923\
 Data File : VX038716.D
 Acq On : 10 Nov 2023 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/13/2023
 Supervised By : Mahesh Dadoda 11/13/2023

Quant Time: Nov 10 16:45:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	294863	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	461041	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	251458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172033	46.863	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.720%		
35) Dibromofluoromethane	5.385	113	159776	48.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.240%		
50) Toluene-d8	8.647	98	557871	46.950	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.900%		
62) 4-Bromofluorobenzene	11.079	95	220646	47.895	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.780%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	152079	49.665	ug/l	98
3) Chloromethane	1.295	50	118139	44.637	ug/l	95
4) Vinyl Chloride	1.374	62	137057	48.644	ug/l	100
5) Bromomethane	1.599	94	102922	47.326	ug/l	98
6) Chloroethane	1.685	64	92010	51.575	ug/l	97
7) Trichlorofluoromethane	1.886	101	250834	51.638	ug/l	99
8) Diethyl Ether	2.136	74	81396	48.813	ug/l	74
9) 1,1,2-Trichlorotrifluo...	2.331	101	140050	48.761	ug/l	89
10) Methyl Iodide	2.453	142	193348	54.508	ug/l	92
11) Tert butyl alcohol	2.959	59	173902	231.734	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	137327	49.904	ug/l #	77
13) Acrolein	2.233	56	108435	190.647	ug/l	100
14) Allyl chloride	2.666	41	178863	45.380	ug/l #	93
15) Acrylonitrile	3.063	53	402942	254.425	ug/l	99
16) Acetone	2.380	43	340543	220.271	ug/l #	89
17) Carbon Disulfide	2.514	76	335761	45.920	ug/l	99
18) Methyl Acetate	2.703	43	348186	52.863	ug/l #	86
19) Methyl tert-butyl Ether	3.111	73	444245	50.483	ug/l	97
20) Methylene Chloride	2.788	84	148725	47.721	ug/l #	81
21) trans-1,2-Dichloroethene	3.093	96	148939	49.715	ug/l #	81
22) Diisopropyl ether	3.758	45	369446	49.733	ug/l #	90
23) Vinyl Acetate	3.721	43	1186112	224.955	ug/l #	90
24) 1,1-Dichloroethane	3.611	63	239266	48.683	ug/l	96
25) 2-Butanone	4.550	43	540713	241.433	ug/l #	85
26) 2,2-Dichloropropane	4.477	77	138379	32.247	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	171686	49.628	ug/l	81
28) Bromochloromethane	4.898	49	110980	50.247	ug/l #	55
29) Tetrahydrofuran	5.001	42	347215	249.183	ug/l #	80
30) Chloroform	5.093	83	278870	48.360	ug/l	100
31) Cyclohexane	5.471	56	193153	47.542	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	255927	50.431	ug/l	95
36) 1,1-Dichloropropene	5.696	75	195290	47.346	ug/l	94
37) Ethyl Acetate	4.715	43	200012	47.494	ug/l #	93
38) Carbon Tetrachloride	5.678	117	230836	50.060	ug/l	98
39) Methylcyclohexane	7.379	83	236452	45.850	ug/l	89
40) Benzene	6.038	78	569923	47.971	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	105014	48.946	ug/l #	86
42) 1,2-Dichloroethane	6.086	62	208806	48.710	ug/l	96
43) Isopropyl Acetate	6.336	43	308564	47.659	ug/l #	90
44) Trichloroethene	7.129	130	182997	49.505	ug/l	87
45) 1,2-Dichloropropane	7.428	63	138677	48.286	ug/l	99
46) Dibromomethane	7.580	93	116990	48.709	ug/l #	85
47) Bromodichloromethane	7.824	83	216975	48.035	ug/l	98
48) Methyl methacrylate	7.690	41	152713	48.944	ug/l #	84
49) 1,4-Dioxane	7.659	88	72208	1016.566	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	1040609	246.688	ug/l	90
52) Toluene	8.720	92	386258	49.630	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	214638	46.674	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	226950	46.749	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	165275	50.050	ug/l	98
56) Ethyl methacrylate	9.116	69	236347	51.156	ug/l #	84
57) 1,3-Dichloropropane	9.305	76	253622	49.311	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	582138	256.269	ug/l #	89
59) 2-Hexanone	9.427	43	820126	240.280	ug/l	88
60) Dibromochloromethane	9.519	129	186851	50.406	ug/l	99
61) 1,2-Dibromoethane	9.610	107	186897	50.360	ug/l	100
64) Tetrachloroethene	9.275	164	169662	51.285	ug/l	94
65) Chlorobenzene	10.080	112	441341	49.055	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	172418	50.979	ug/l	98
67) Ethyl Benzene	10.195	91	747183	49.097	ug/l	98
68) m/p-Xylenes	10.299	106	596786	98.806	ug/l	95
69) o-Xylene	10.640	106	292921	49.870	ug/l	95
70) Styrene	10.653	104	486963	50.234	ug/l	95
71) Bromoform	10.799	173	151218	50.656	ug/l #	100
73) Isopropylbenzene	10.964	105	763832	49.513	ug/l	97
74) N-amyl acetate	10.842	43	253049	47.209	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.214	83	258678	48.503	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	214408m	43.053	ug/l	
77) Bromobenzene	11.195	156	206672	48.814	ug/l	81
78) n-propylbenzene	11.305	91	873976	48.684	ug/l	96
79) 2-Chlorotoluene	11.366	91	520319	48.412	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	656179	49.422	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	65610	41.968	ug/l	85
82) 4-Chlorotoluene	11.451	91	614184	48.915	ug/l	93
83) tert-Butylbenzene	11.713	119	654091	48.619	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	659099	50.051	ug/l	96
85) sec-Butylbenzene	11.890	105	812718	48.413	ug/l	96
86) p-Isopropyltoluene	12.006	119	703084	49.165	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	389511	48.119	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	393298	47.270	ug/l	97
89) n-Butylbenzene	12.329	91	593398	46.630	ug/l	97
90) Hexachloroethane	12.536	117	122359	50.514	ug/l	76
91) 1,2-Dichlorobenzene	12.335	146	381197	48.220	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.939	75	67003	49.987	ug/l	65
93) 1,2,4-Trichlorobenzene	13.585	180	273133	48.306	ug/l	96
94) Hexachlorobutadiene	13.725	225	113368	46.465	ug/l	98
95) Naphthalene	13.774	128	874420	51.268	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	269413	48.341	ug/l	96

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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

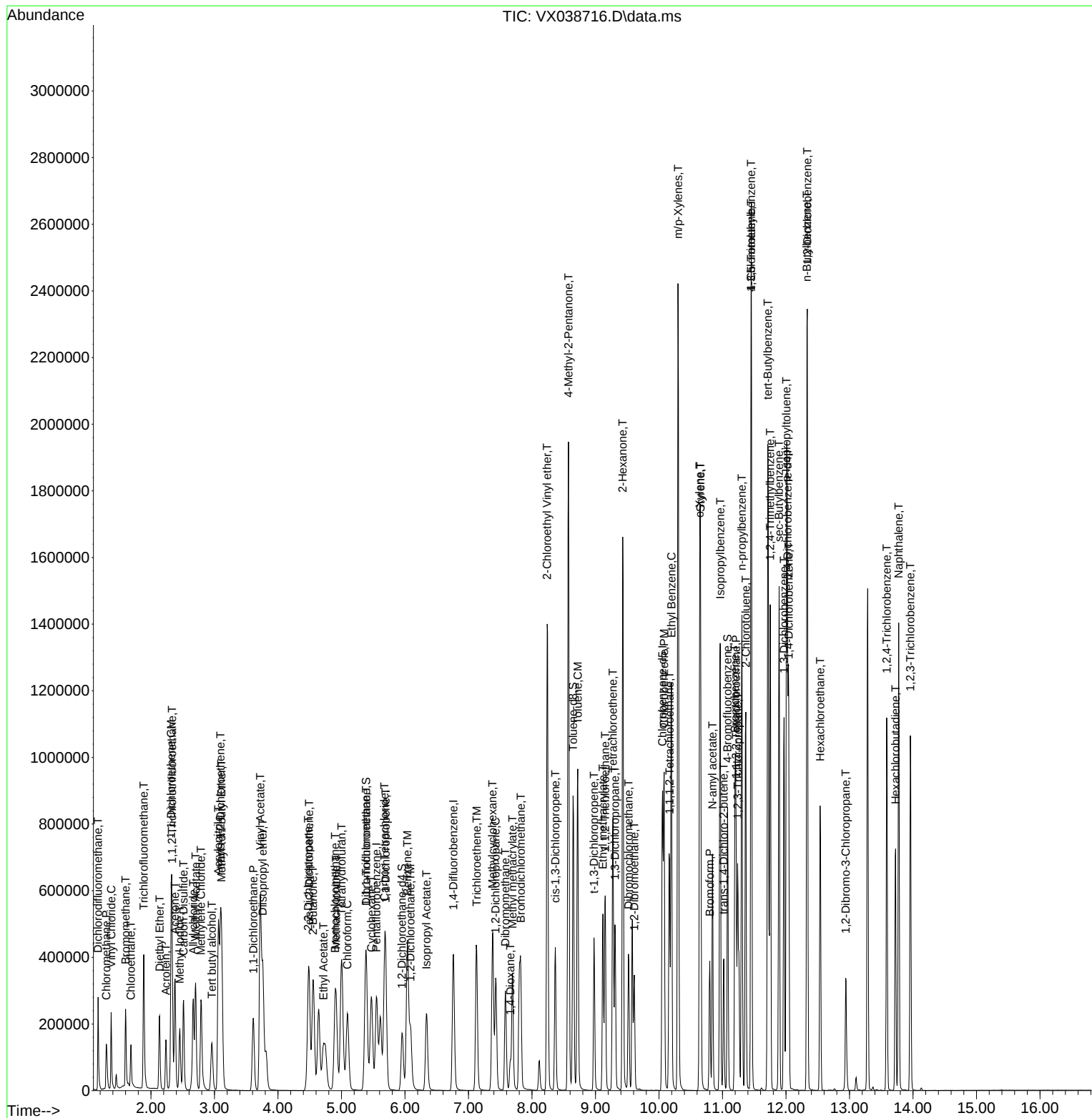
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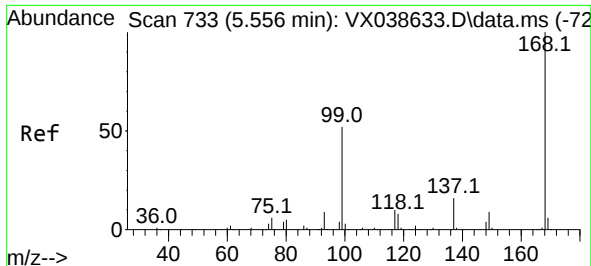
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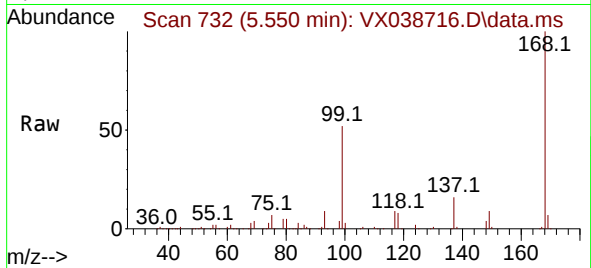
Reviewed By :John Carlone 11/13/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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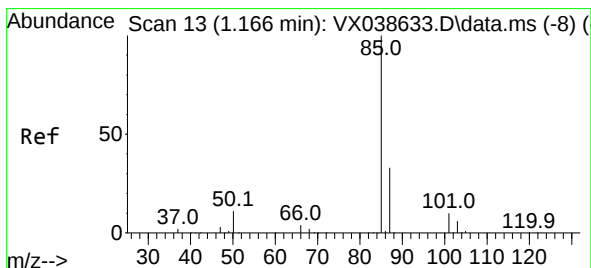
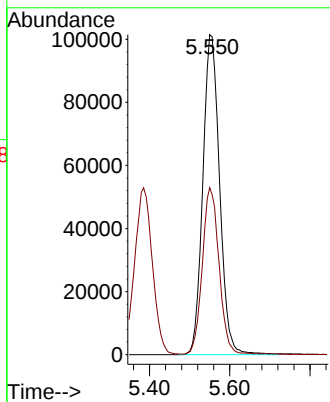
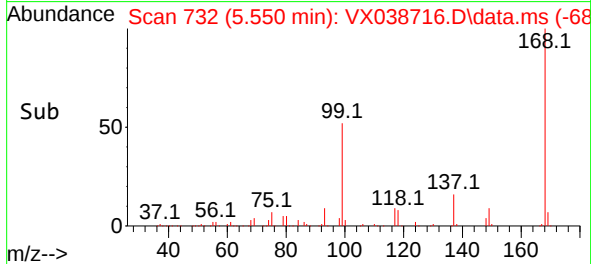
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



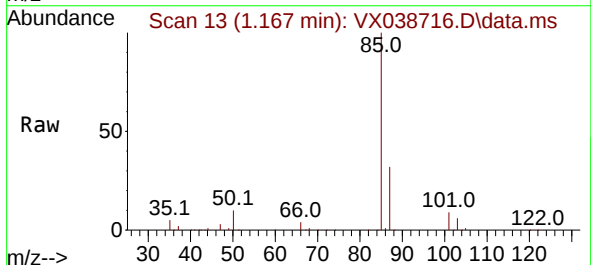
Tgt Ion:168 Resp: 29486
Ion Ratio Lower Upper
168 100
99 52.0 56.6 85.0

Manual Integrations
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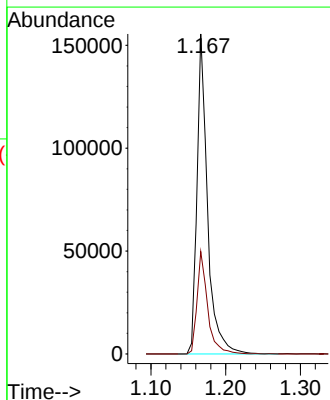
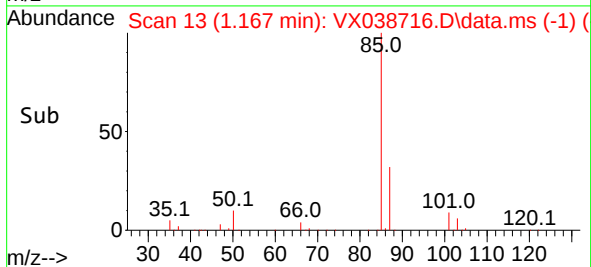
Reviewed By :John Carlone 11/13/2023
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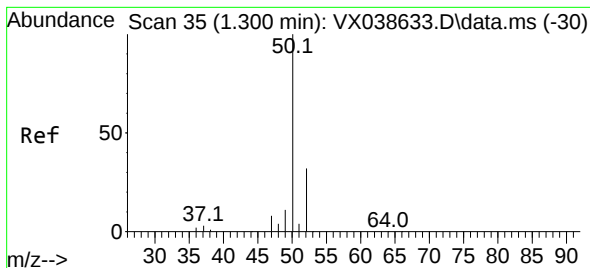


#2
Dichlorodifluoromethane
Concen: 49.665 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion: 85 Resp: 152079
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3

Chloromethane

Concen: 44.637 ug/l

RT: 1.295 min Scan# 34

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 118139

Ion Ratio Lower Upper

50 100

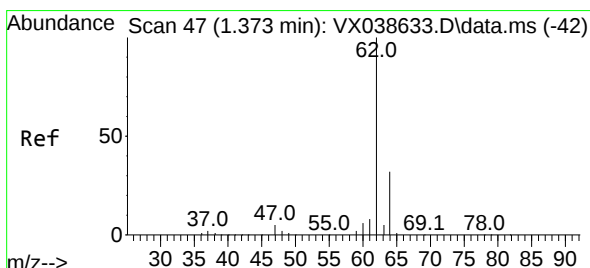
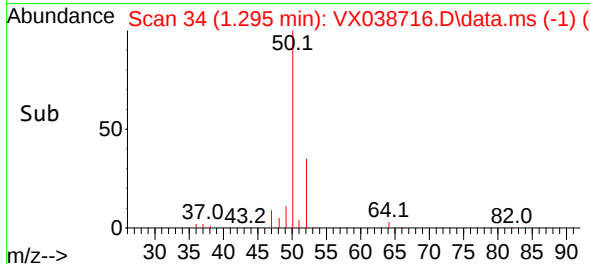
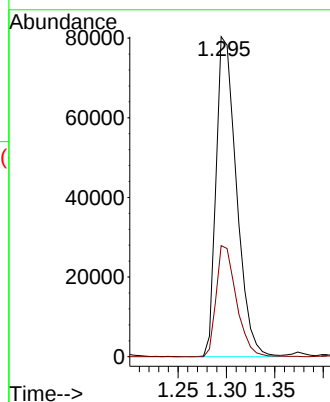
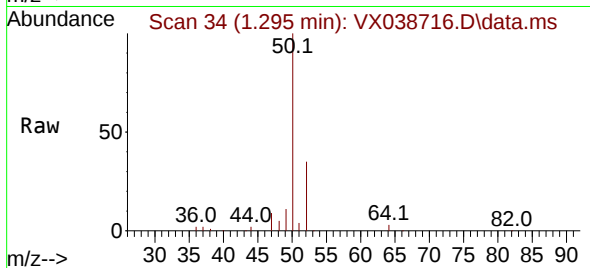
52 34.7 25.5 38.3

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#4

Vinyl Chloride

Concen: 48.644 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.000 min

Lab File: VX038716.D

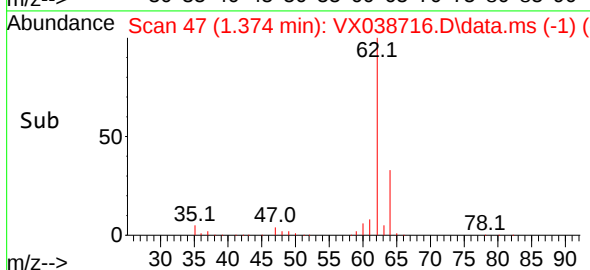
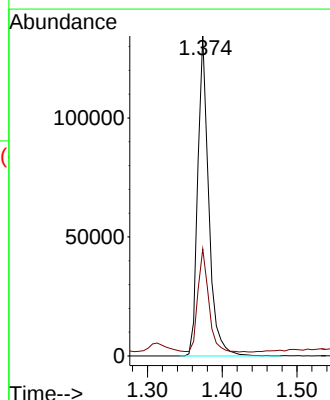
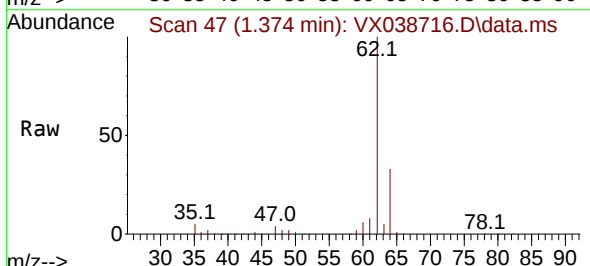
Acq: 10 Nov 2023 09:39

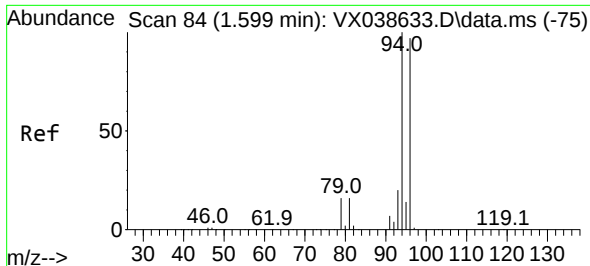
Tgt Ion: 62 Resp: 137057

Ion Ratio Lower Upper

62 100

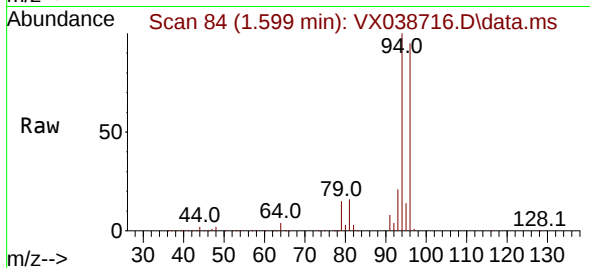
64 31.9 25.4 38.0





#5
Bromomethane
Concen: 47.326 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

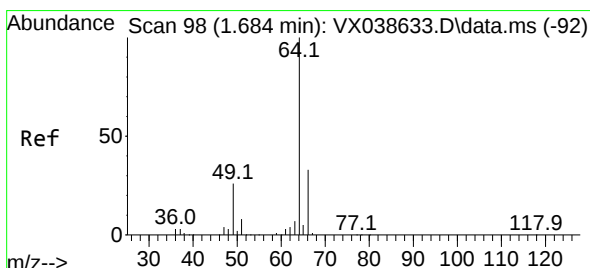
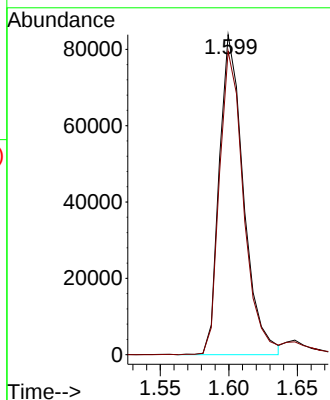
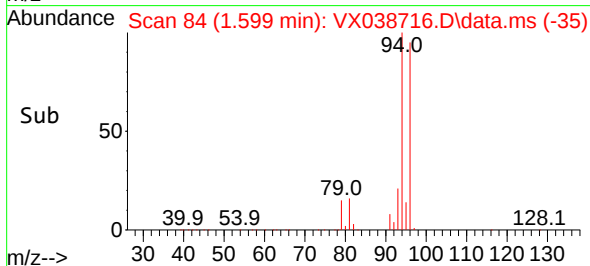
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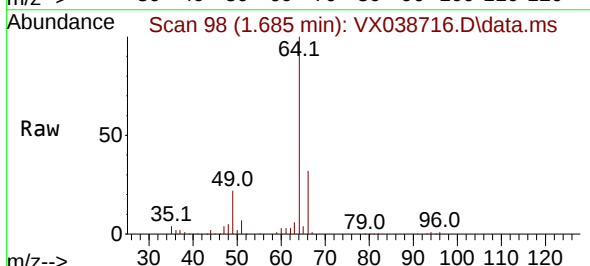
Tgt Ion: 94 Resp: 10292
Ion Ratio Lower Upper
94 100
96 94.9 74.6 111.8

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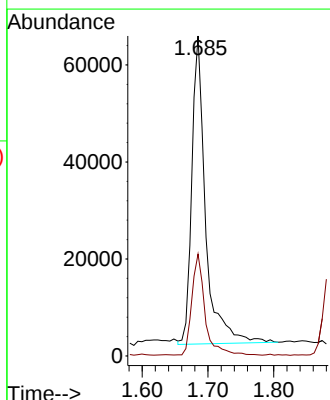
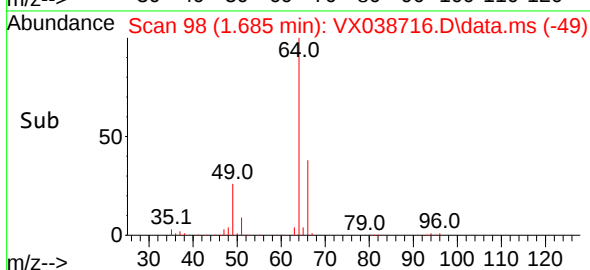
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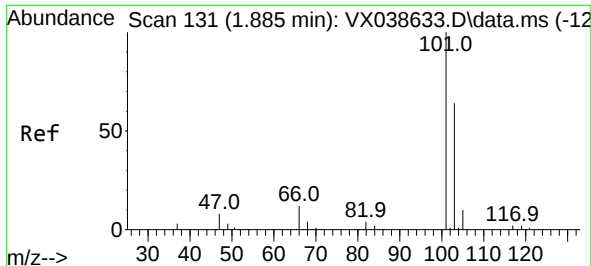


#6
Chloroethane
Concen: 51.575 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



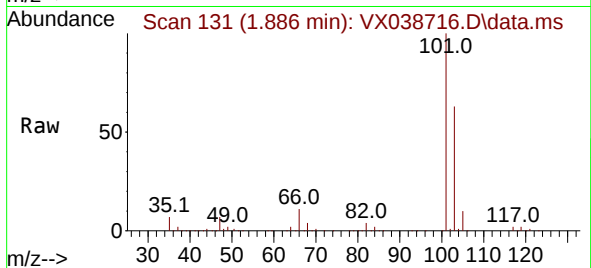
Tgt Ion: 64 Resp: 92010
Ion Ratio Lower Upper
64 100
66 32.9 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 51.638 ug/l
 RT: 1.886 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038716.D
 Acq: 10 Nov 2023 09:39

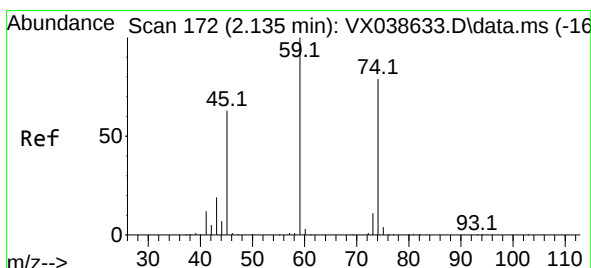
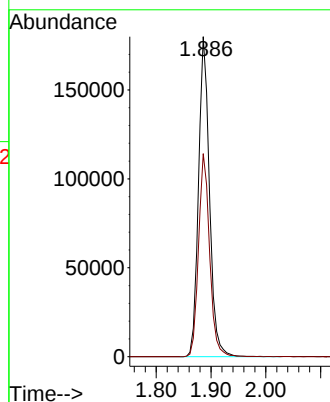
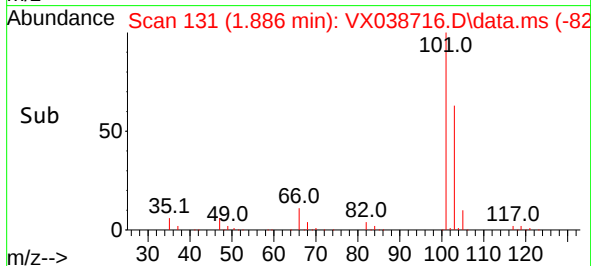
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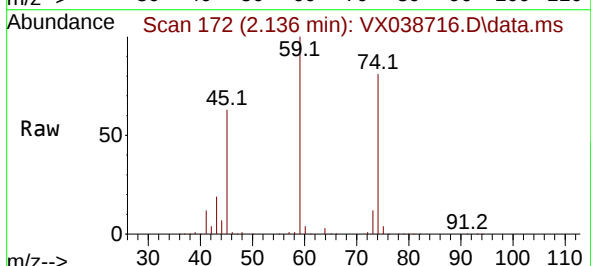
Tgt Ion:101 Resp: 250834
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.2

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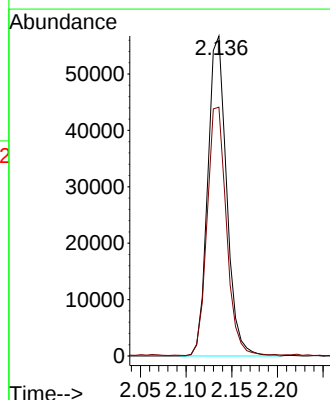
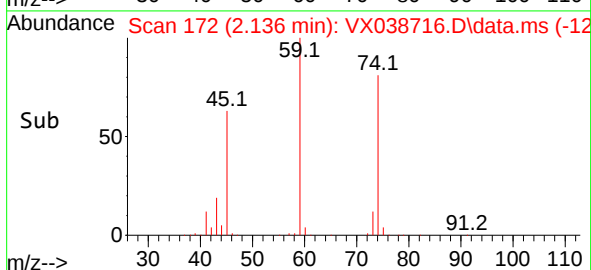
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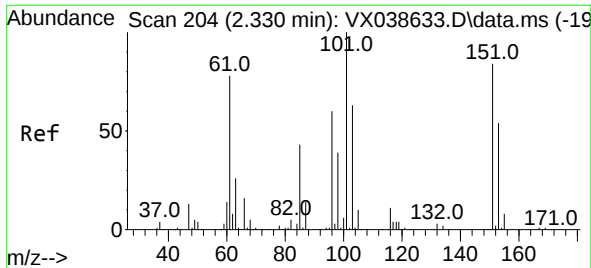


#8
 Diethyl Ether
 Concen: 48.813 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
 Lab File: VX038716.D
 Acq: 10 Nov 2023 09:39



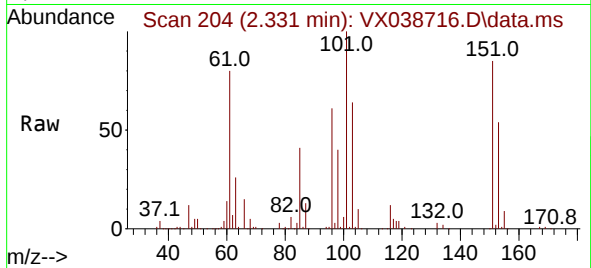
Tgt Ion: 74 Resp: 81396
 Ion Ratio Lower Upper
 74 100
 45 79.5 53.3 159.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.761 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

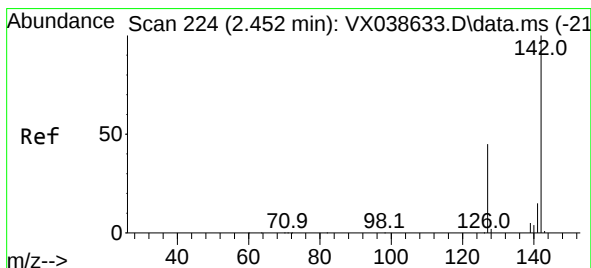
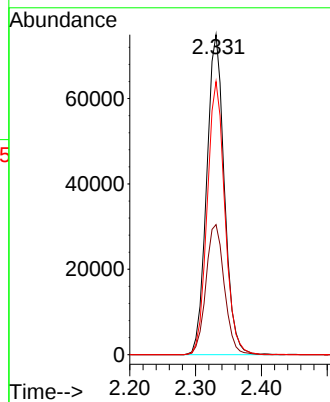
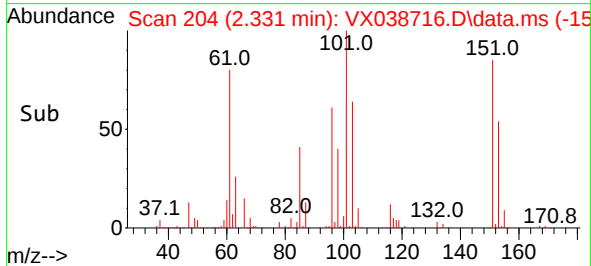
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



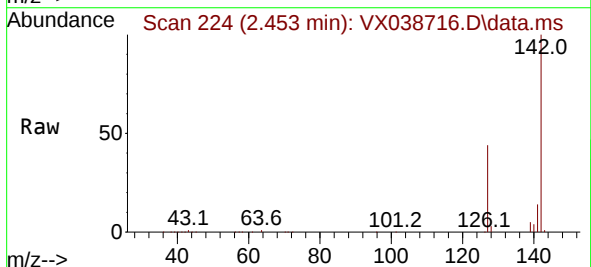
Tgt Ion:101 Resp: 140050
Ion Ratio Lower Upper
101 100
85 42.4 37.0 55.6
151 85.2 58.6 87.8

Manual Integrations
APPROVED

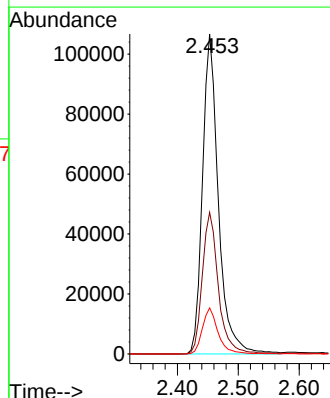
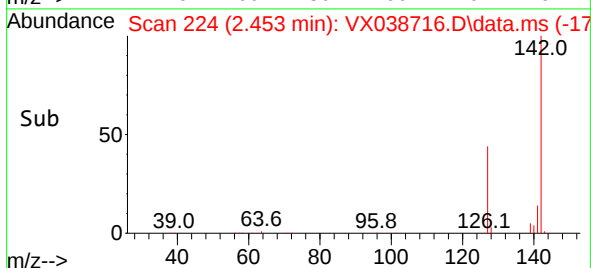
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

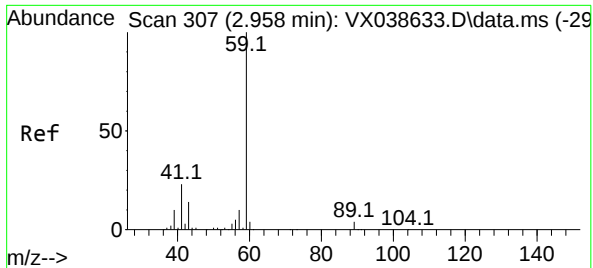


#10
Methyl Iodide
Concen: 54.508 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion:142 Resp: 193348
Ion Ratio Lower Upper
142 100
127 44.8 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 231.734 ug/l

RT: 2.959 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 173902

Ion Ratio Lower Upper

59 100

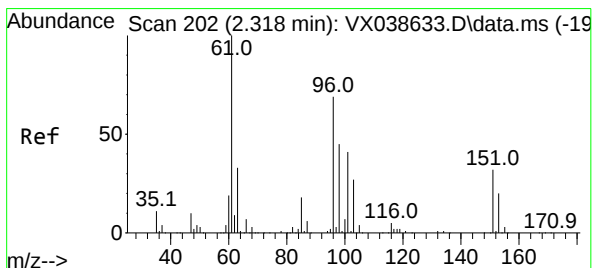
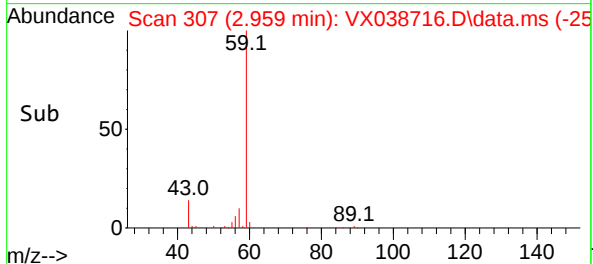
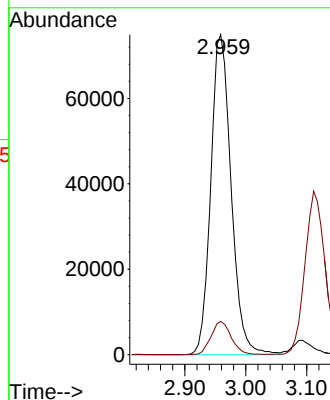
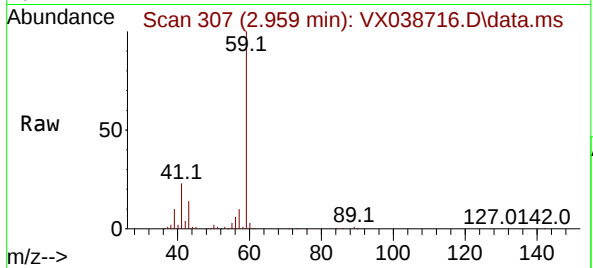
57 10.4 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#12

1,1-Dichloroethene

Concen: 49.904 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

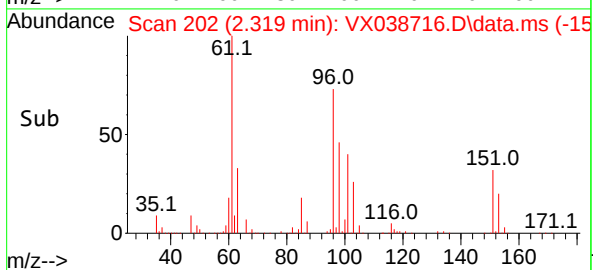
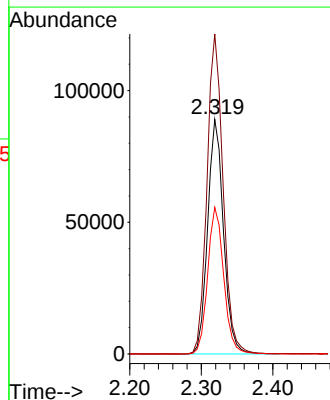
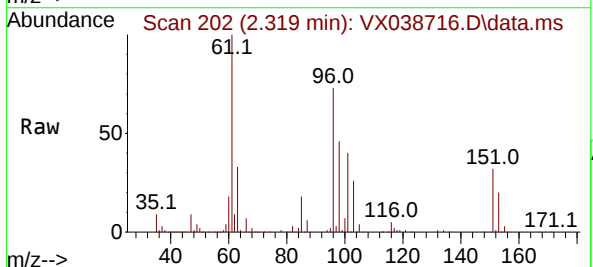
Tgt Ion: 96 Resp: 137327

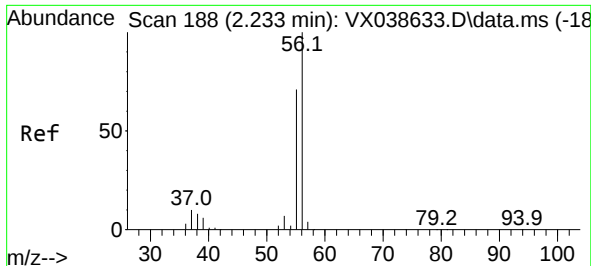
Ion Ratio Lower Upper

96 100

61 136.4 144.6 216.8#

98 62.5 50.4 75.6





#13

Acrolein

Concen: 190.647 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 10843

Ion Ratio Lower Upper

56 100

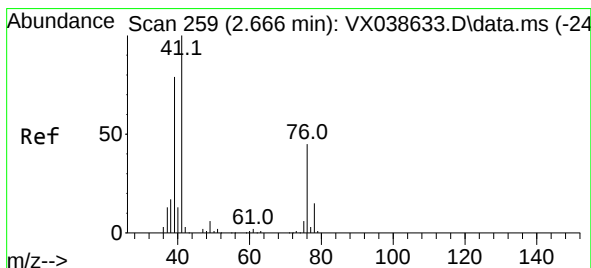
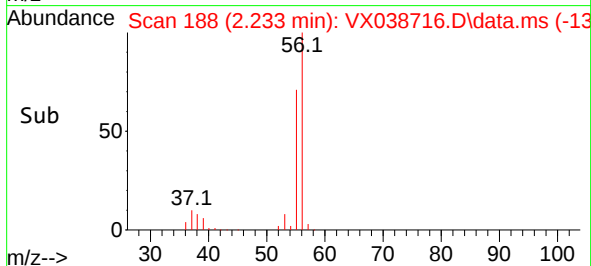
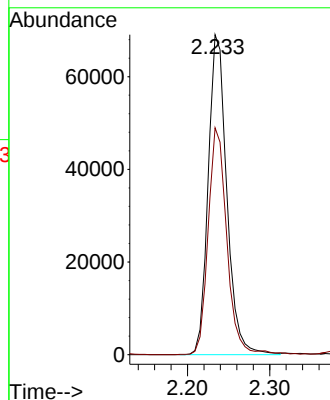
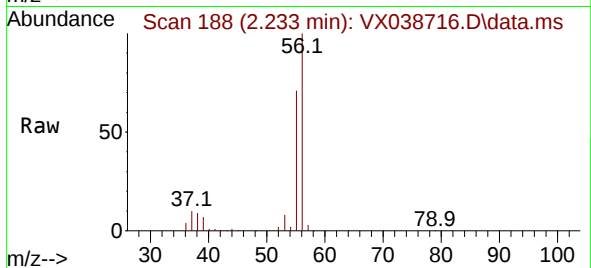
55 71.6 57.1 85.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#14

Allyl chloride

Concen: 45.380 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

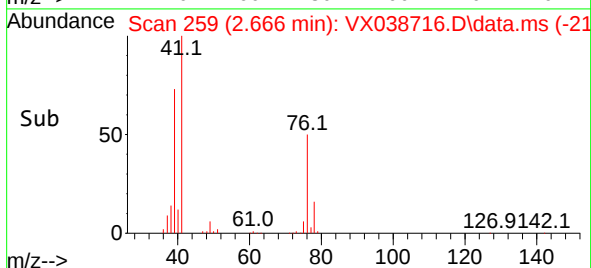
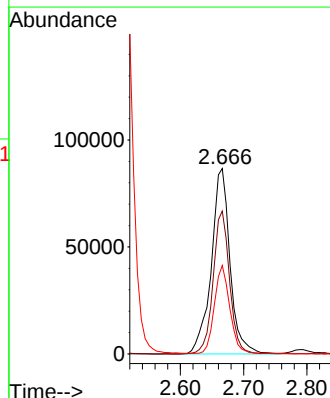
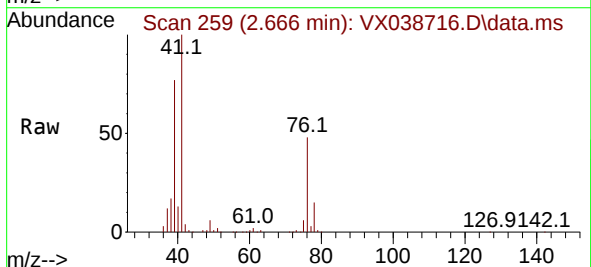
Tgt Ion: 41 Resp: 178863

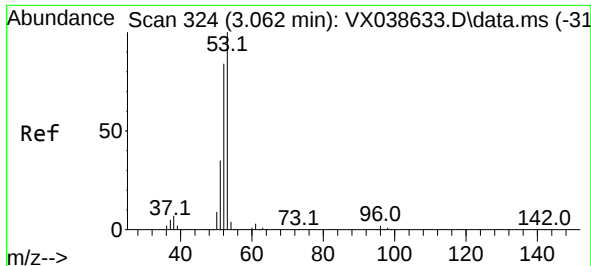
Ion Ratio Lower Upper

41 100

39 67.4 55.8 83.6

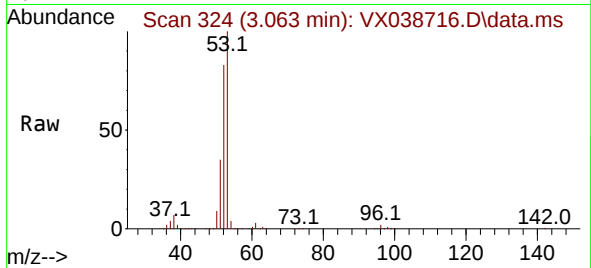
76 39.1 24.3 36.5





#15
Acrylonitrile
Concen: 254.425 ug/l
RT: 3.063 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

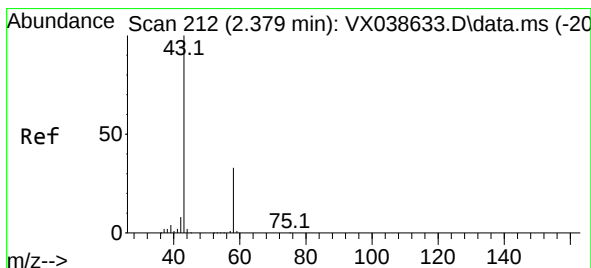
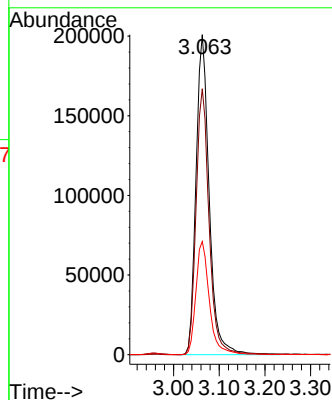
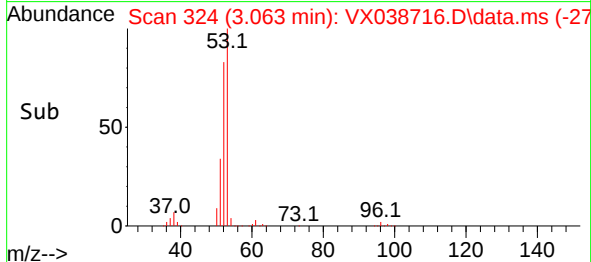
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 40294
Ion Ratio Lower Upper
53 100
52 82.4 66.0 99.0
51 36.1 29.8 44.6

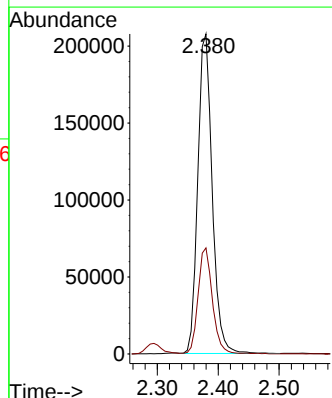
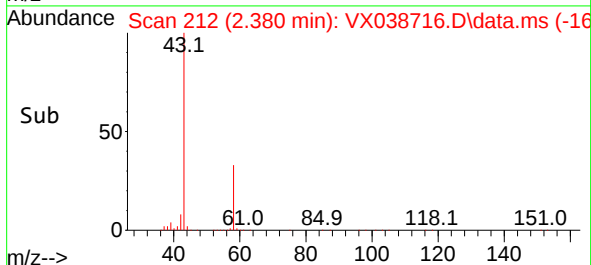
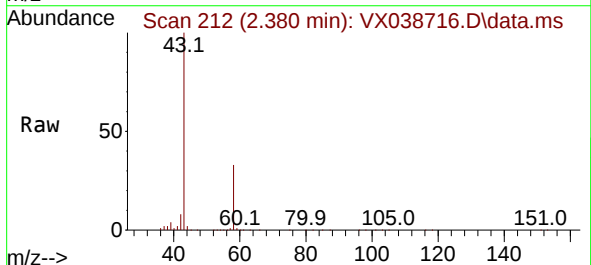
Manual Integrations
APPROVED

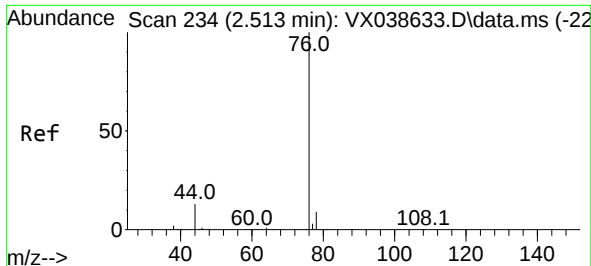
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#16
Acetone
Concen: 220.271 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

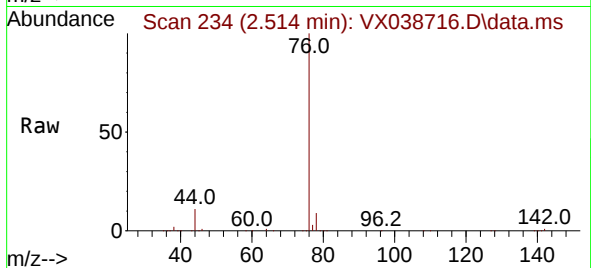
Tgt Ion: 43 Resp: 340543
Ion Ratio Lower Upper
43 100
58 33.1 21.9 32.9#





#17
Carbon Disulfide
Concen: 45.920 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

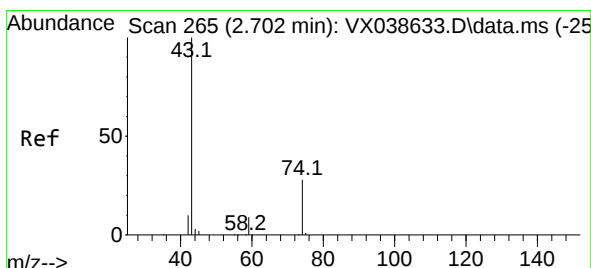
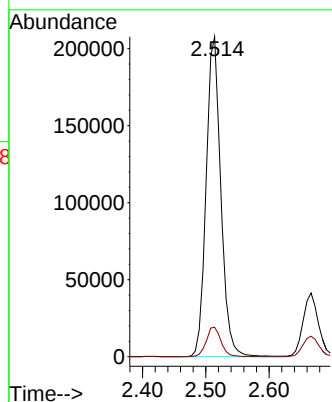
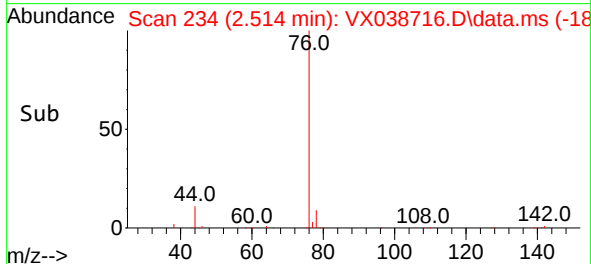
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



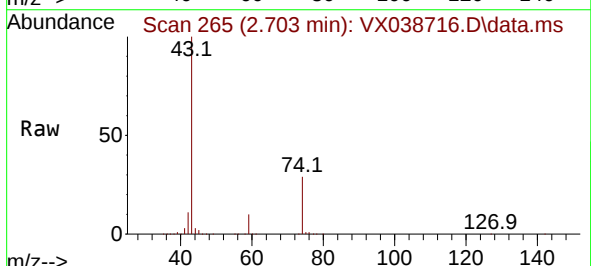
Tgt Ion: 76 Resp: 33576
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6

Manual Integrations
APPROVED

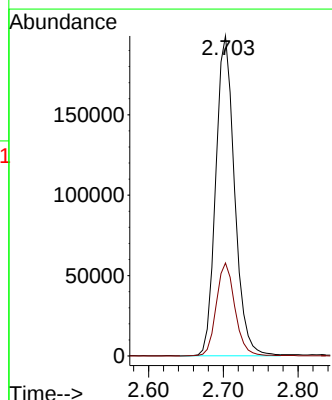
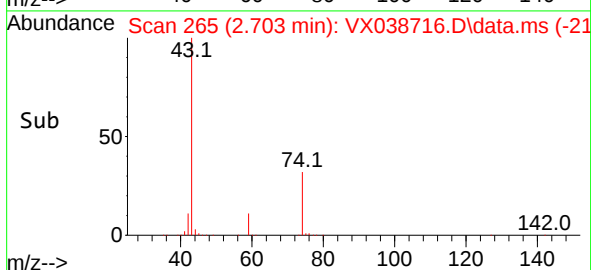
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

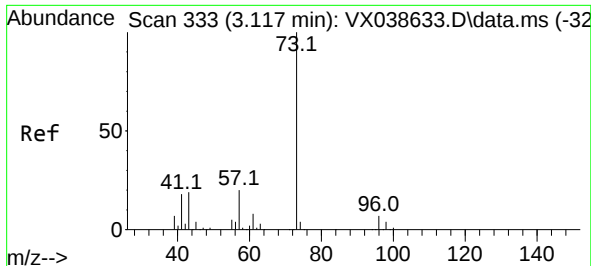


#18
Methyl Acetate
Concen: 52.863 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion: 43 Resp: 348186
Ion Ratio Lower Upper
43 100
74 28.9 17.8 26.8#





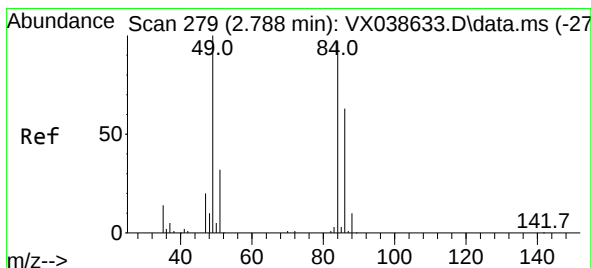
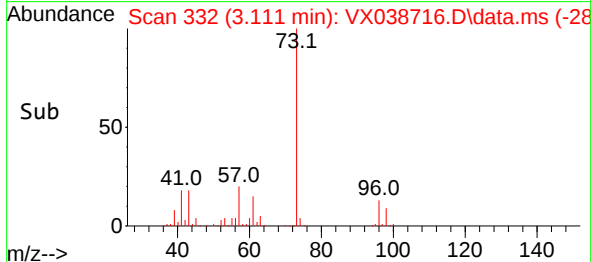
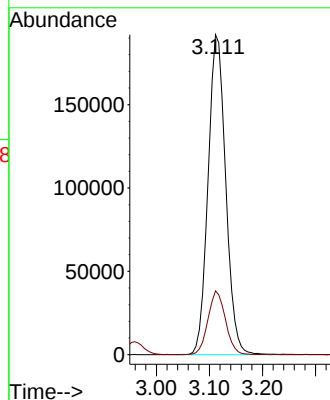
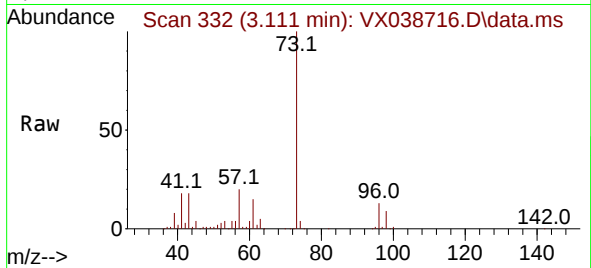
#19
Methyl tert-butyl Ether
Concen: 50.483 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 444245
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9

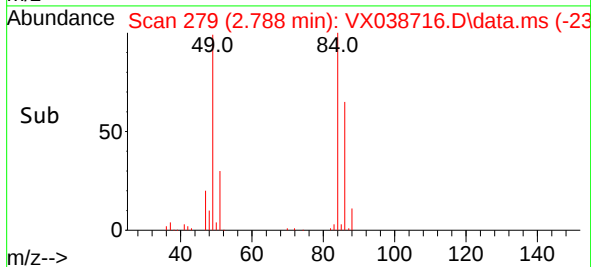
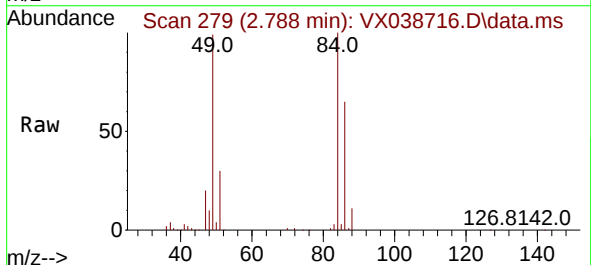
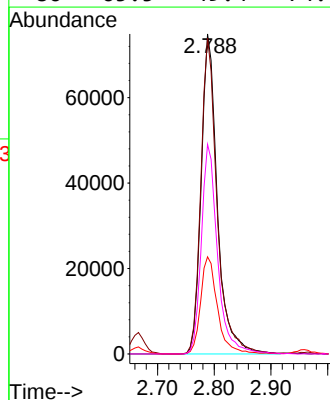
Manual Integrations
APPROVED

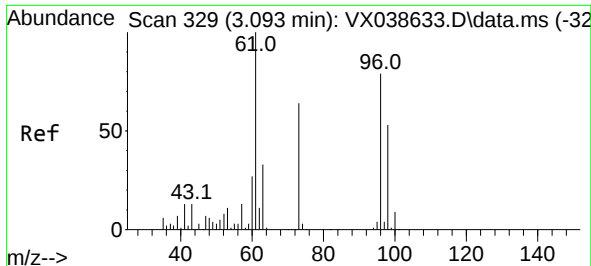
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#20
Methylene Chloride
Concen: 47.721 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

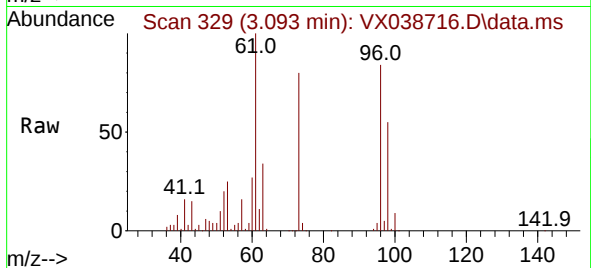
Tgt Ion: 84 Resp: 148725
Ion Ratio Lower Upper
84 100
49 98.8 103.6 155.4#
51 30.3 33.8 50.6#
86 65.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 49.715 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

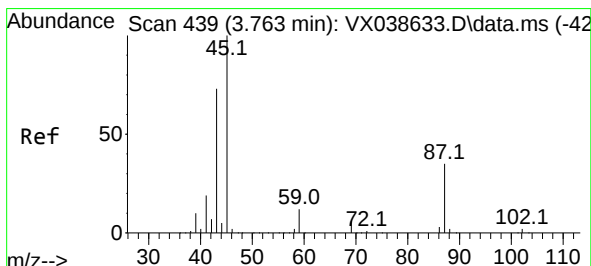
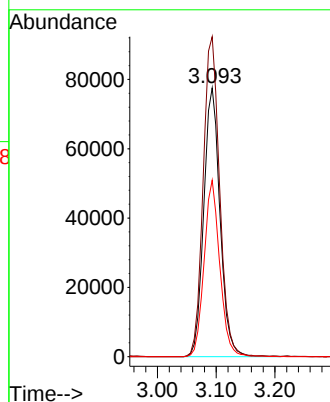
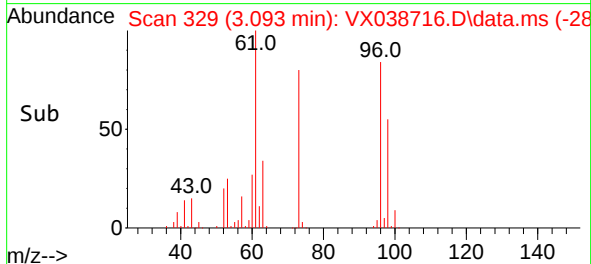
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



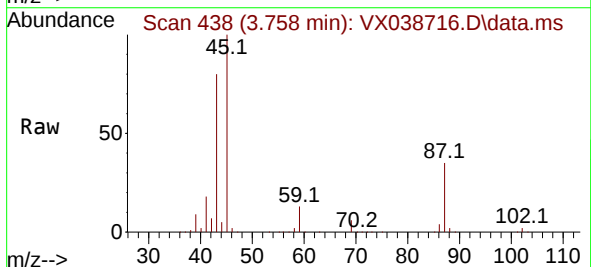
Tgt Ion: 96 Resp: 148939
Ion Ratio Lower Upper
96 100
61 119.0 119.2 178.8
98 65.7 48.7 73.1

Manual Integrations
APPROVED

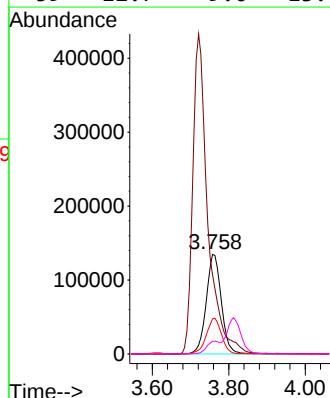
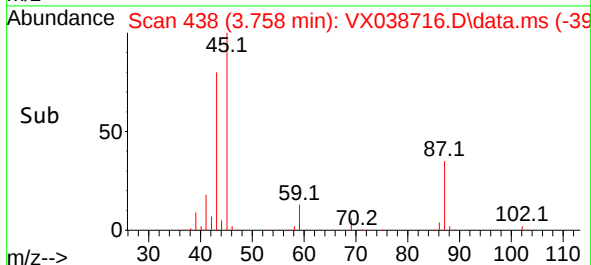
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

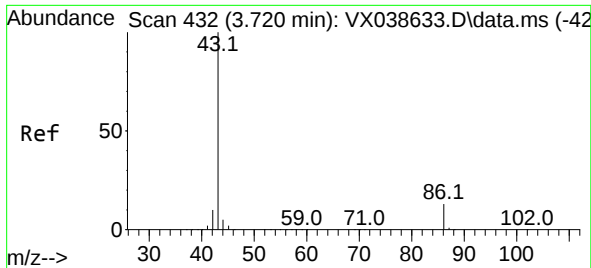


#22
Diisopropyl ether
Concen: 49.733 ug/l
RT: 3.758 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion: 45 Resp: 369446
Ion Ratio Lower Upper
45 100
43 79.6 69.7 104.5
87 35.3 20.8 31.2#
59 12.7 9.0 13.4





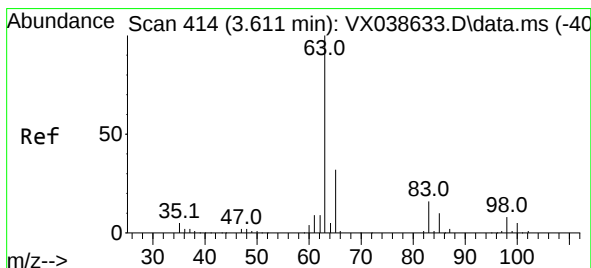
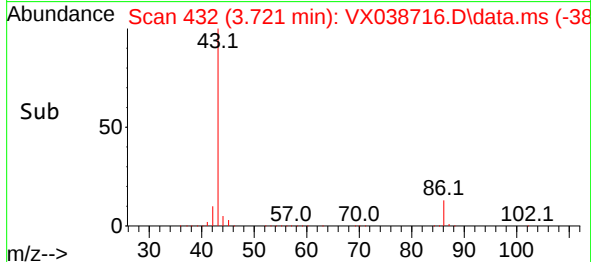
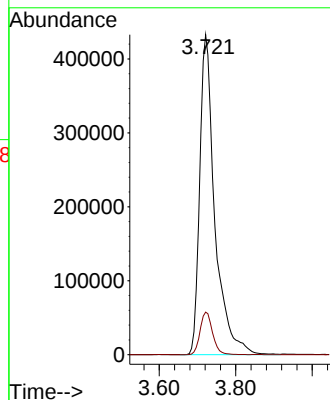
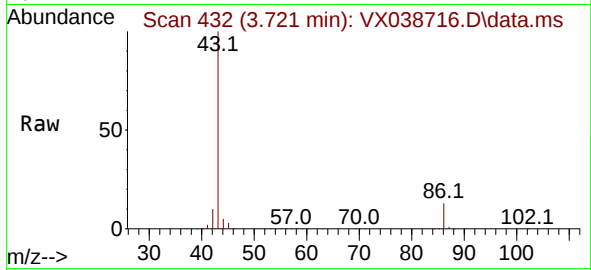
#23
 Vinyl Acetate
 Concen: 224.955 ug/l
 RT: 3.721 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VX038716.D
 Acq: 10 Nov 2023 09:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 118611
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.8 11.8

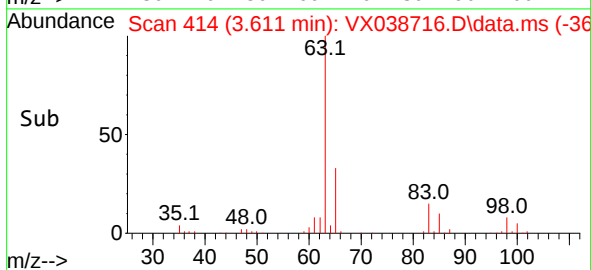
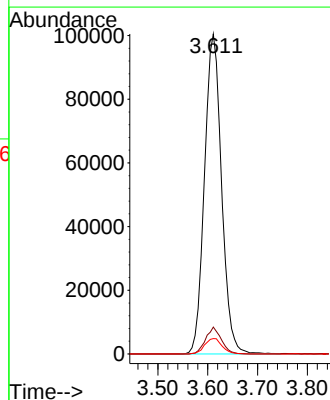
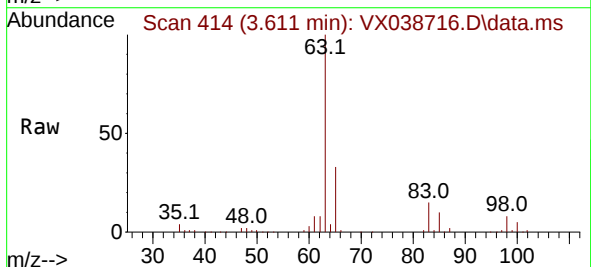
Manual Integrations
 APPROVED

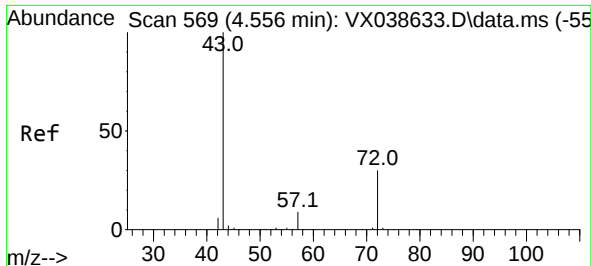
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023



#24
 1,1-Dichloroethane
 Concen: 48.683 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.001 min
 Lab File: VX038716.D
 Acq: 10 Nov 2023 09:39

Tgt Ion: 63 Resp: 239266
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.3 9.8
 100 4.8 2.1 6.5





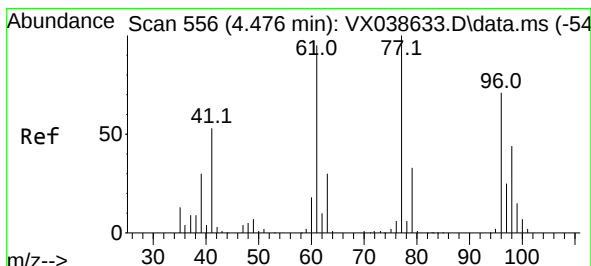
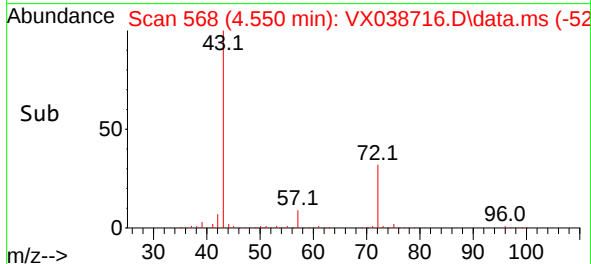
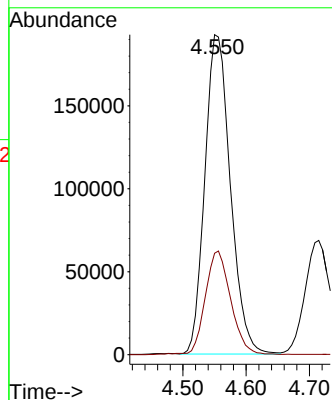
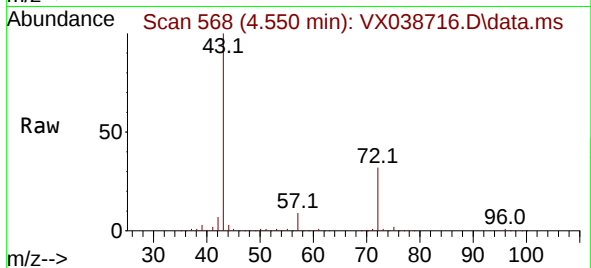
#25
2-Butanone
Concen: 241.433 ug/l
RT: 4.550 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 54071
Ion Ratio Lower Upper
43 100
72 31.7 19.4 29.2

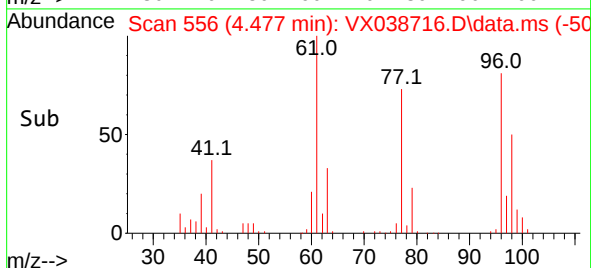
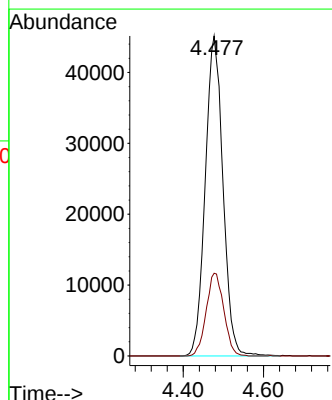
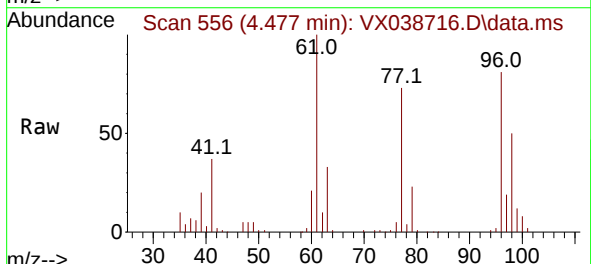
Manual Integrations
APPROVED

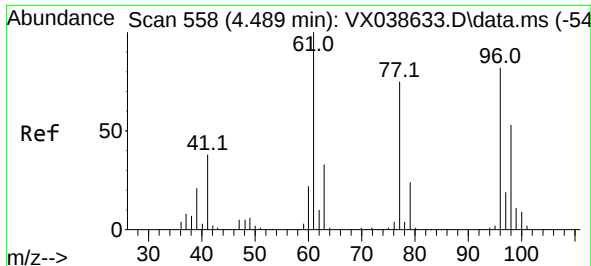
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#26
2,2-Dichloropropane
Concen: 32.247 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion: 77 Resp: 138379
Ion Ratio Lower Upper
77 100
97 25.7 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.628 ug/l

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 171680

Ion Ratio Lower Upper

96 100

61 121.3 0.0 312.2

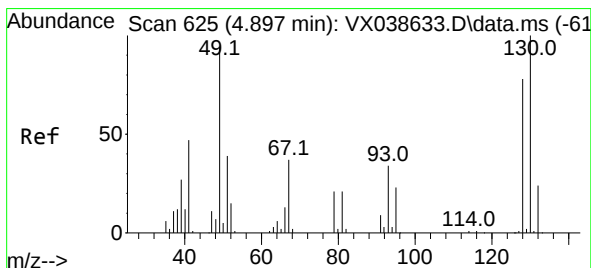
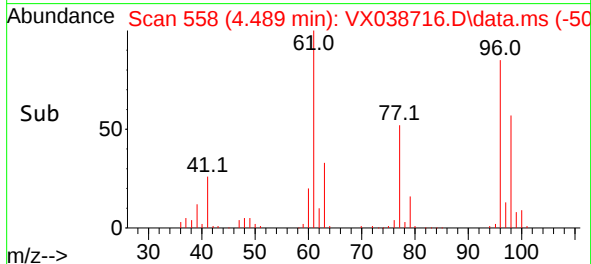
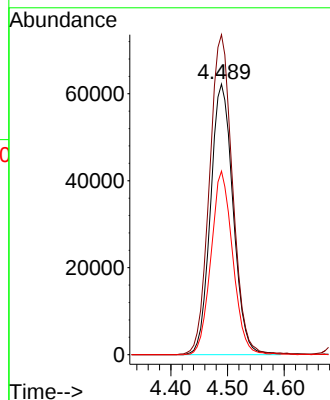
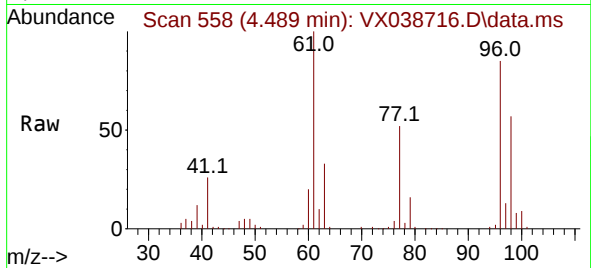
98 65.2 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#28

Bromochloromethane

Concen: 50.247 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

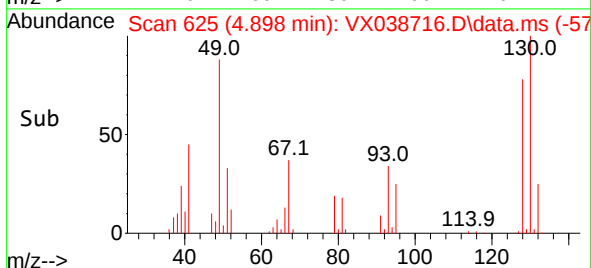
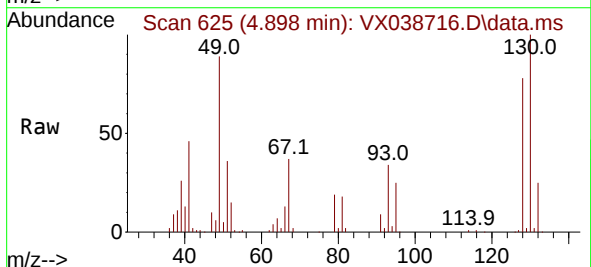
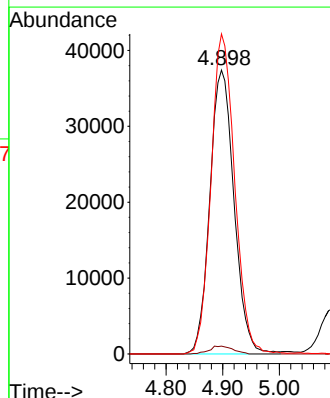
Tgt Ion: 49 Resp: 110980

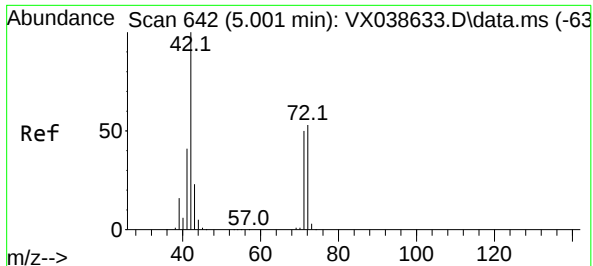
Ion Ratio Lower Upper

49 100

129 2.7 0.0 3.8

130 110.4 57.5 86.3#





#29

Tetrahydrofuran

Concen: 249.183 ug/l

RT: 5.001 min Scan# 642

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 347215

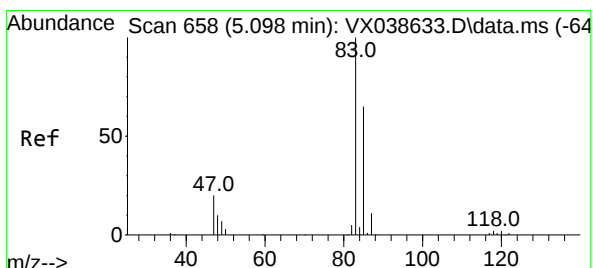
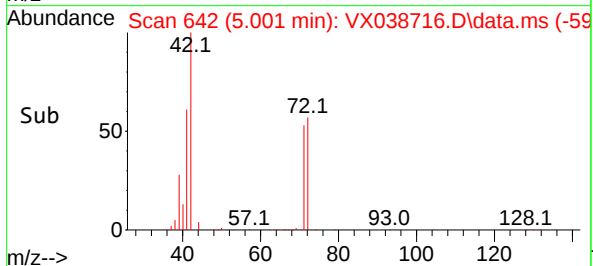
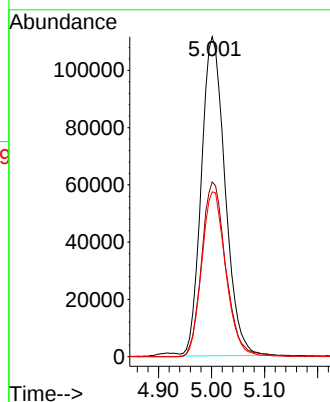
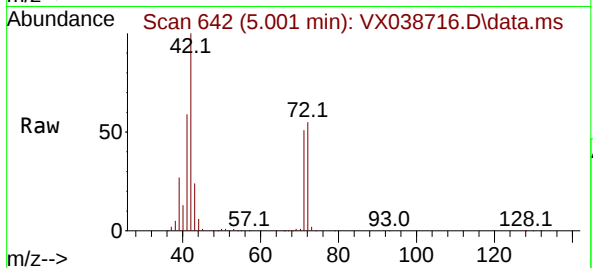
Ion	Ratio	Lower	Upper
42	100		
72	55.8	34.2	51.4
71	52.4	32.2	48.2

Manual Integrations

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Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#30

Chloroform

Concen: 48.360 ug/l

RT: 5.093 min Scan# 657

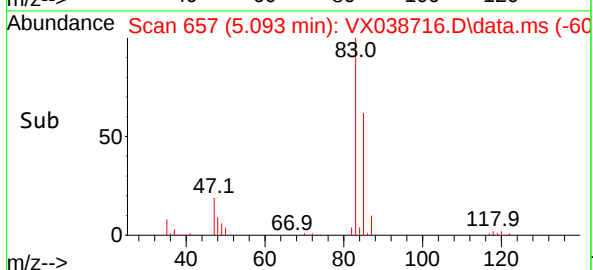
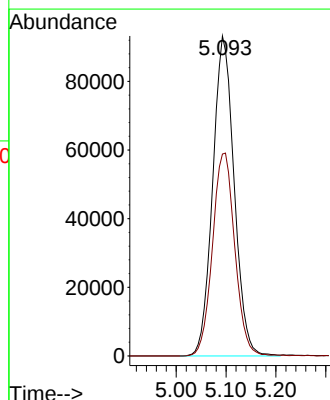
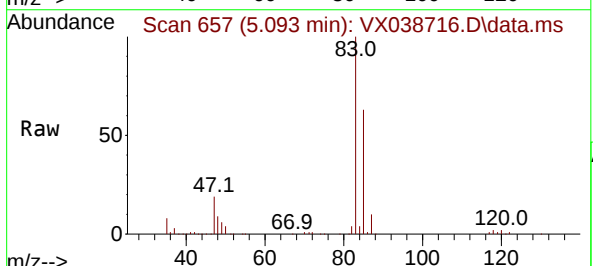
Delta R.T. -0.006 min

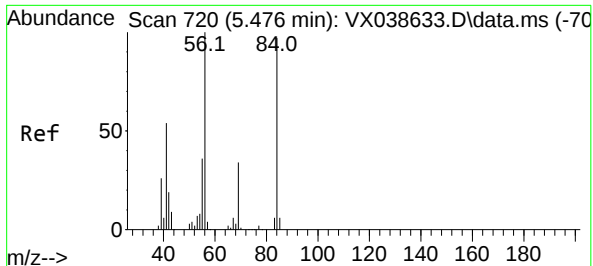
Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Tgt Ion: 83 Resp: 278870

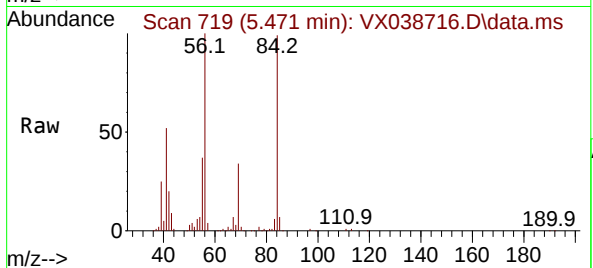
Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.3	75.5





#31
Cyclohexane
Concen: 47.542 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

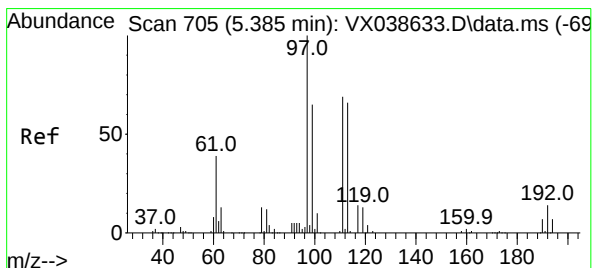
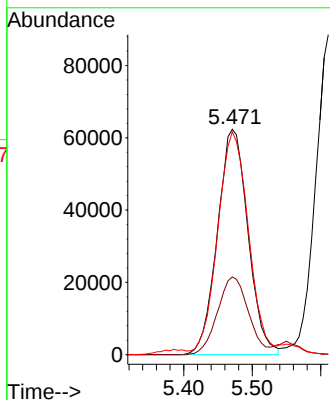
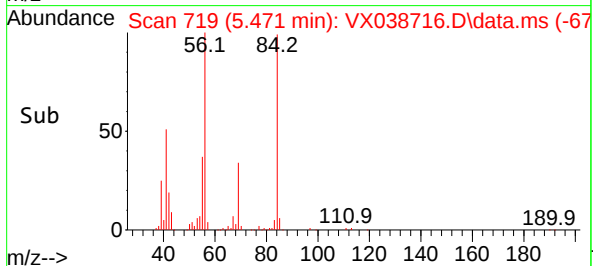
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



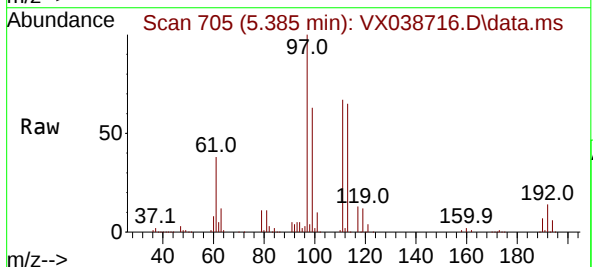
Tgt Ion: 56 Resp: 19315
Ion Ratio Lower Upper
56 100
69 34.5 23.4 35.2
84 97.0 65.9 98.9

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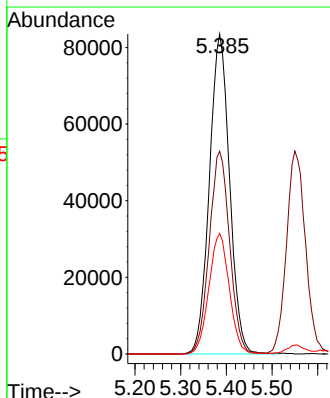
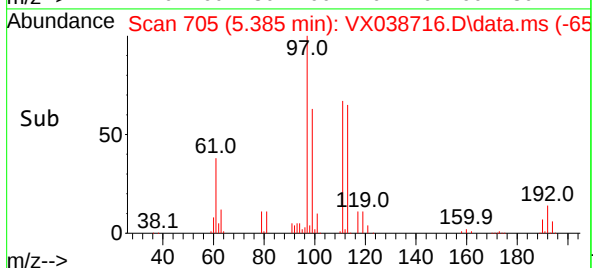
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

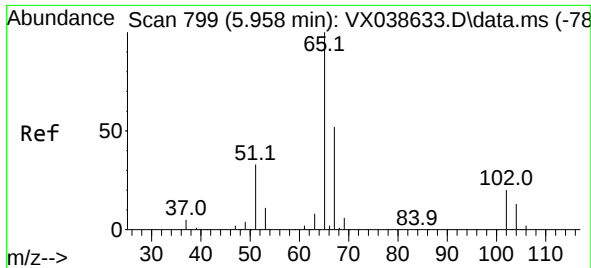


#32
1,1,1-Trichloroethane
Concen: 50.431 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion: 97 Resp: 255927
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 38.0 36.4 54.6





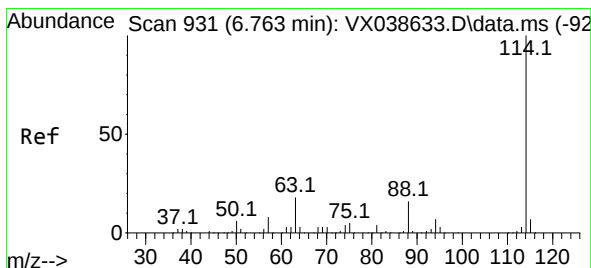
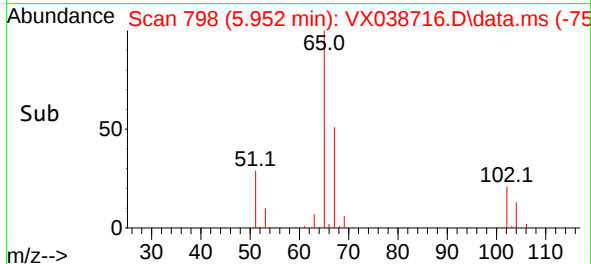
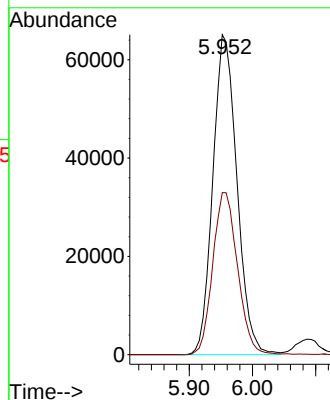
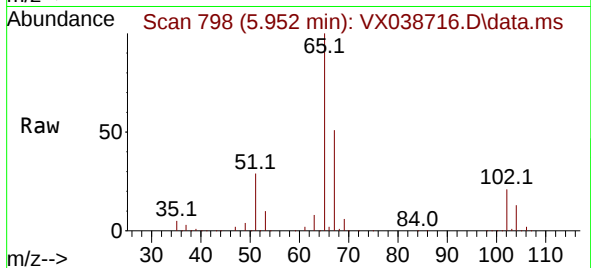
#33
1,2-Dichloroethane-d4
Concen: 46.863 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 17203
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

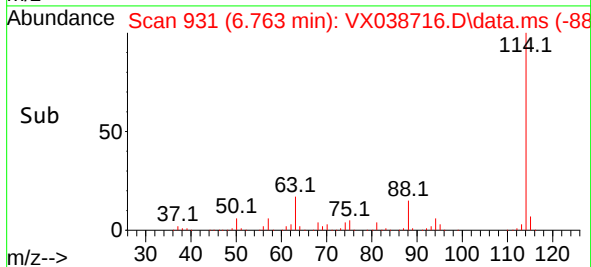
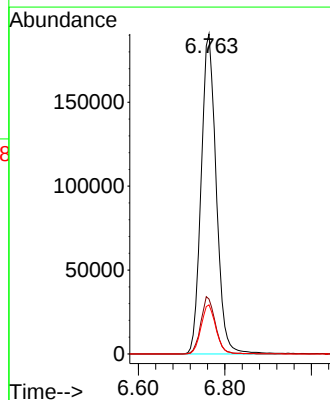
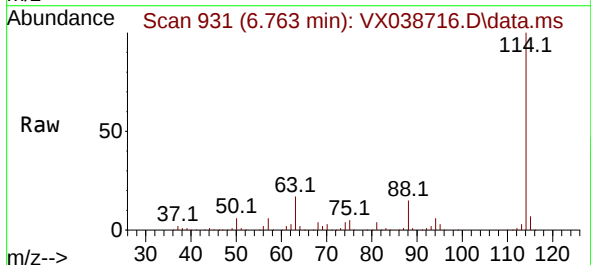
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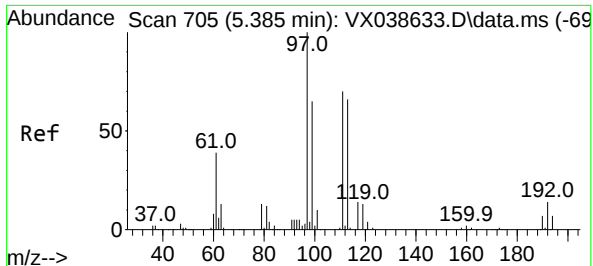
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

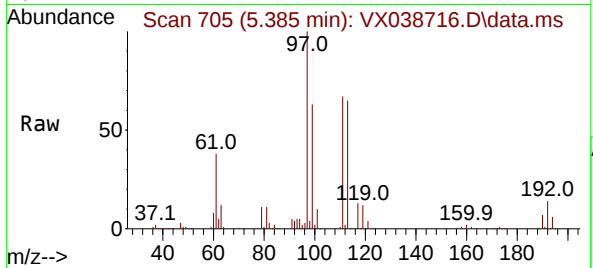
Tgt Ion:114 Resp: 461041
Ion Ratio Lower Upper
114 100
63 17.2 0.0 45.0
88 15.3 0.0 36.6





#35
Dibromofluoromethane
Concen: 48.117 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

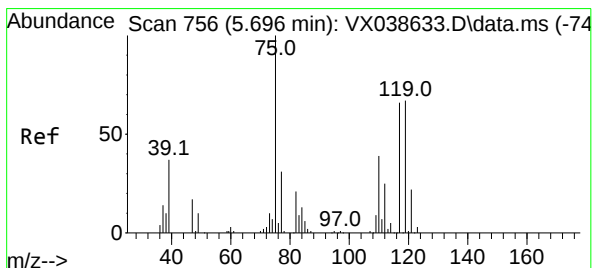
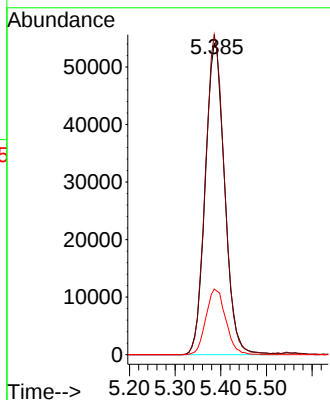
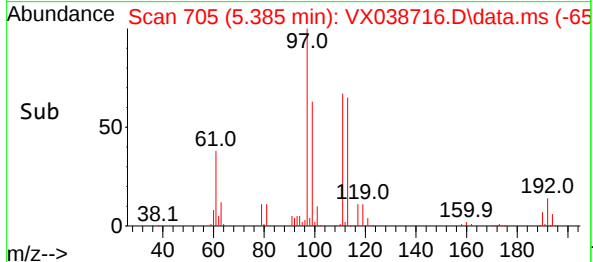
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



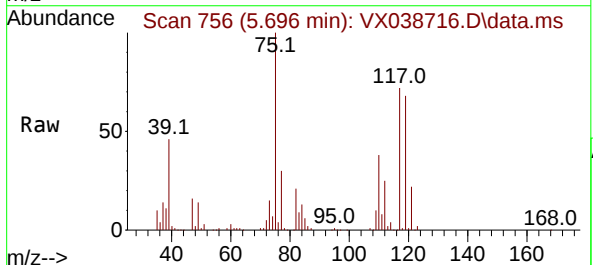
Tgt Ion:113 Resp: 159770
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 21.5 13.3 19.9

Manual Integrations
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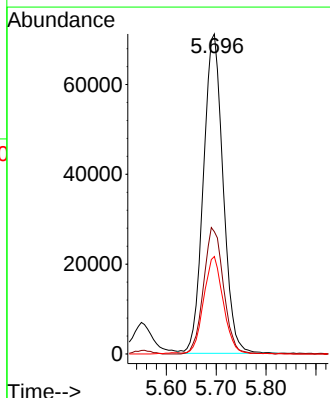
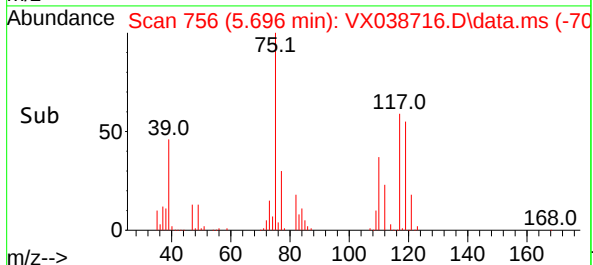
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

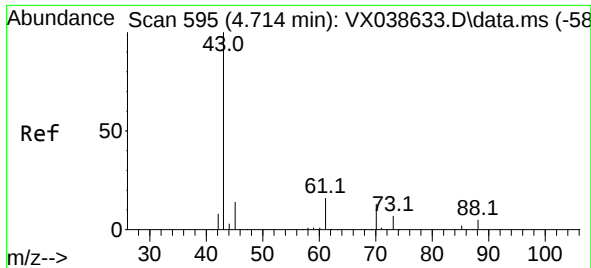


#36
1,1-Dichloropropene
Concen: 47.346 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion: 75 Resp: 195290
Ion Ratio Lower Upper
75 100
110 40.0 17.0 50.9
77 30.3 24.7 37.1





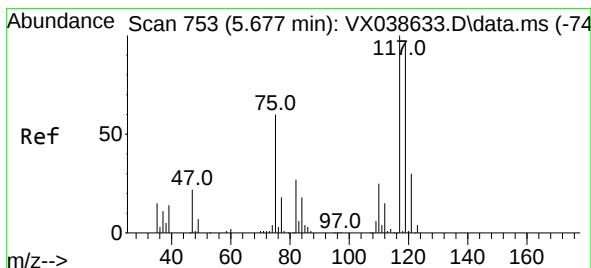
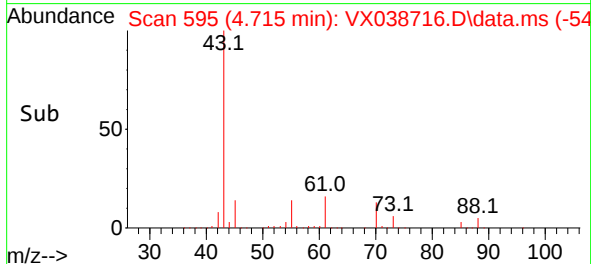
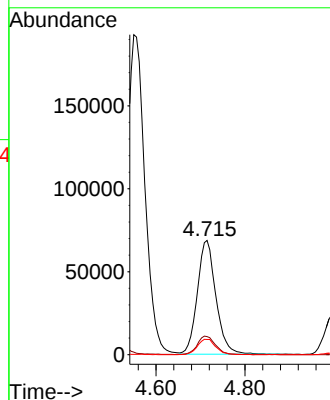
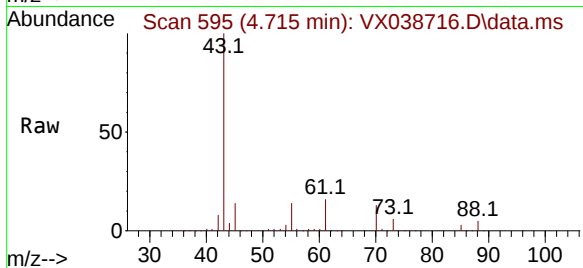
#37
Ethyl Acetate
Concen: 47.494 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 200012
Ion Ratio Lower Upper
43 100
61 16.0 10.6 16.0
70 13.5 8.3 12.5

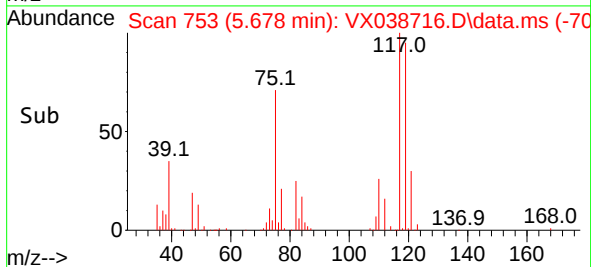
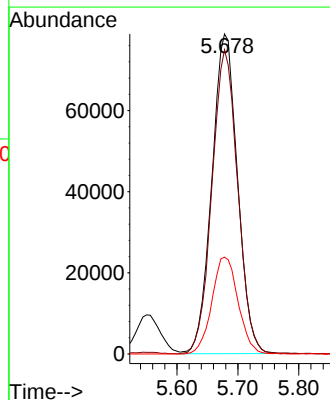
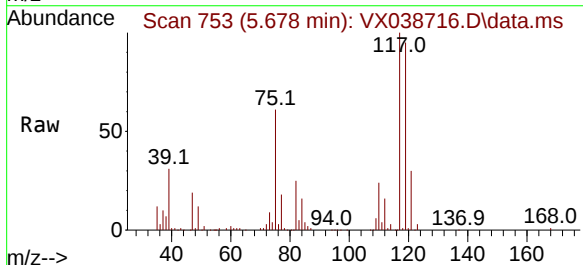
Manual Integrations
APPROVED

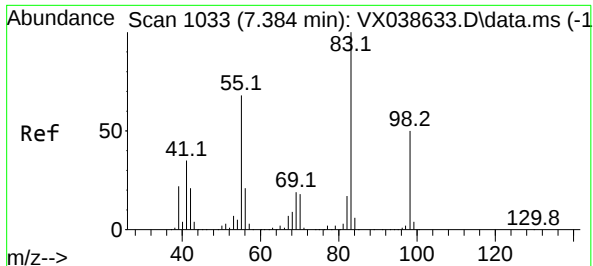
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#38
Carbon Tetrachloride
Concen: 50.060 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion:117 Resp: 230836
Ion Ratio Lower Upper
117 100
119 95.1 78.2 117.2
121 30.3 24.4 36.6





#39

Methylcyclohexane

Concen: 45.850 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 236452

Ion Ratio Lower Upper

83 100

55 67.9 64.6 97.0

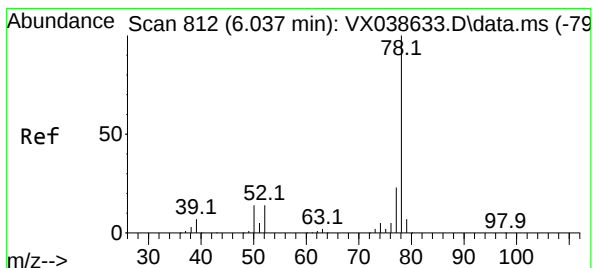
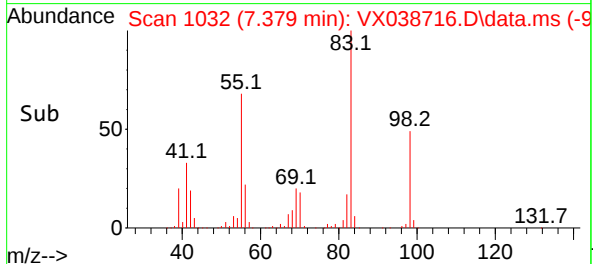
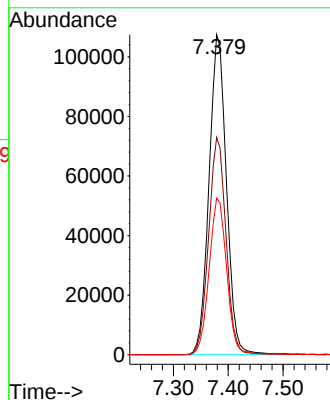
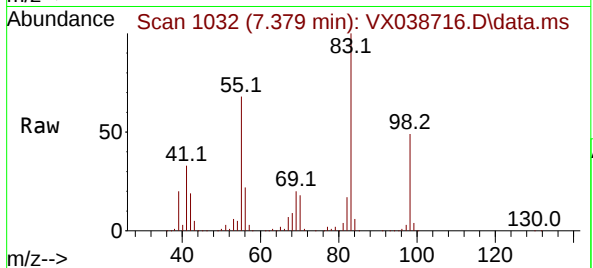
98 49.0 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#40

Benzene

Concen: 47.971 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX038716.D

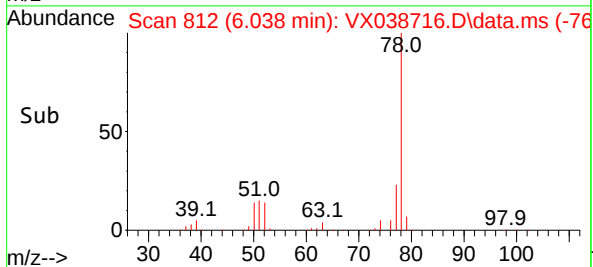
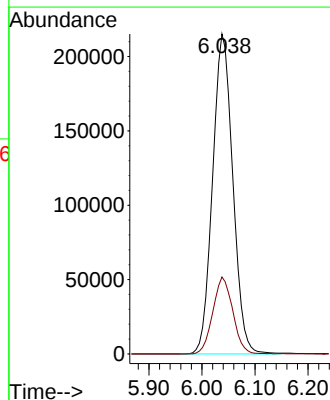
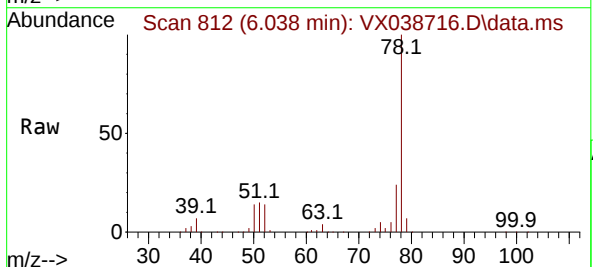
Acq: 10 Nov 2023 09:39

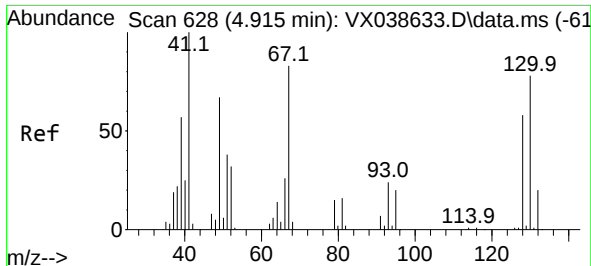
Tgt Ion: 78 Resp: 569923

Ion Ratio Lower Upper

78 100

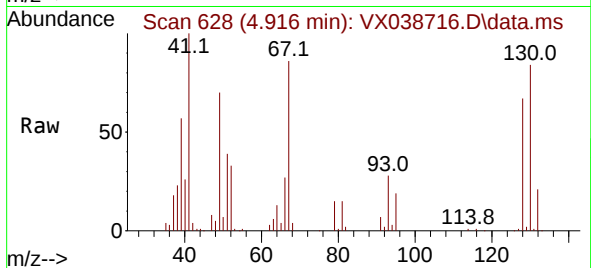
77 24.1 19.3 28.9





#41
Methacrylonitrile
Concen: 48.946 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

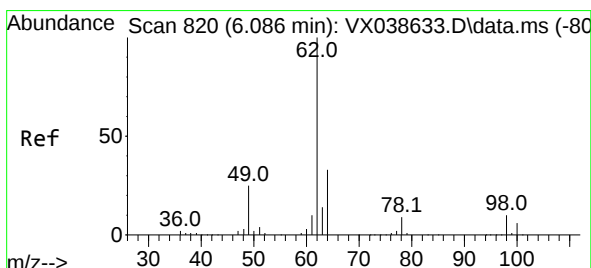
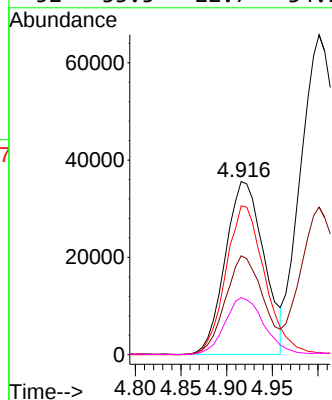
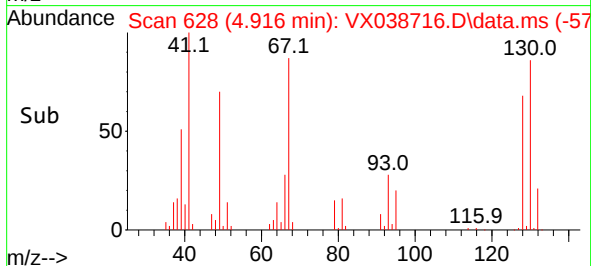
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 105014
Ion Ratio Lower Upper
41 100
39 56.3 45.2 67.8
67 87.4 52.6 78.8
52 33.5 22.7 34.1

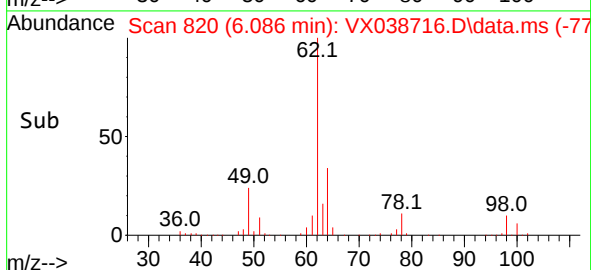
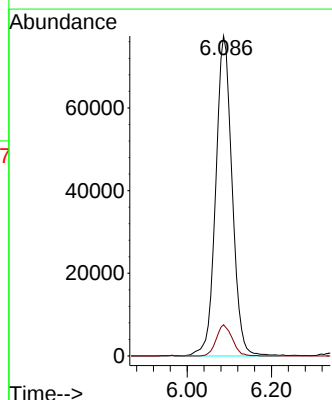
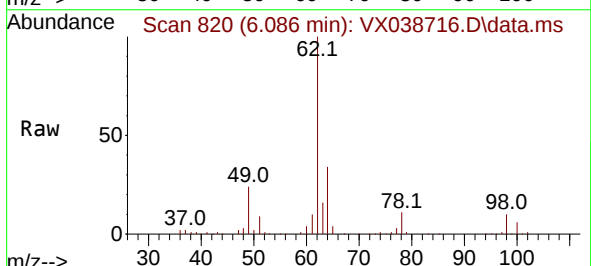
Manual Integrations
APPROVED

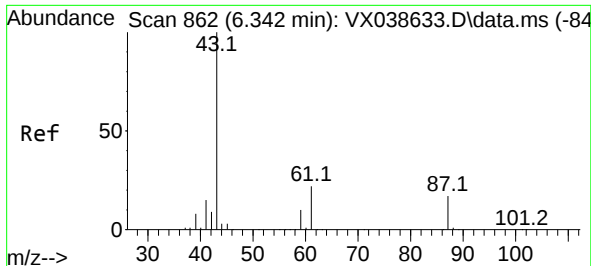
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#42
1,2-Dichloroethane
Concen: 48.710 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

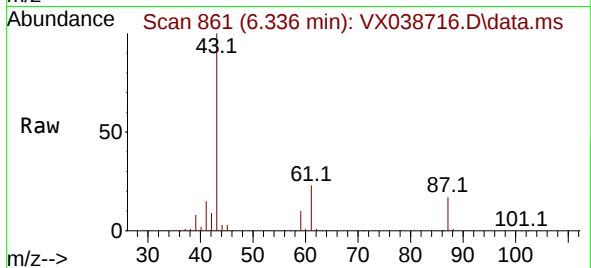
Tgt Ion: 62 Resp: 208806
Ion Ratio Lower Upper
62 100
98 9.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 47.659 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

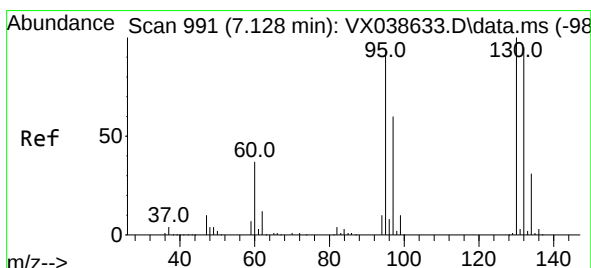
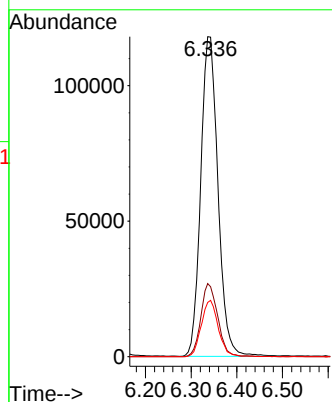
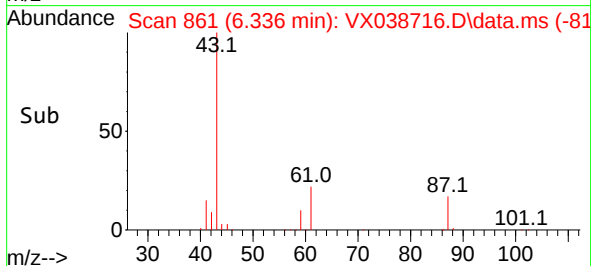
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 308564
Ion Ratio Lower Upper
43 100
61 22.4 15.2 22.8
87 17.4 9.8 14.6

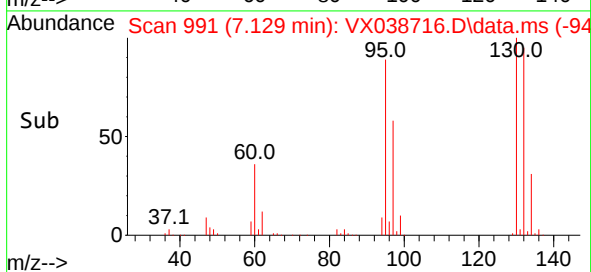
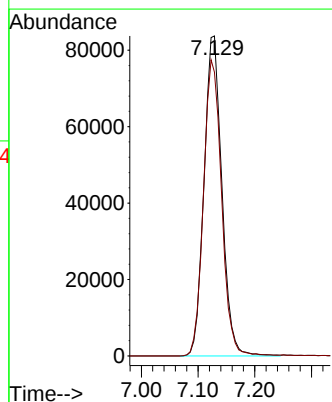
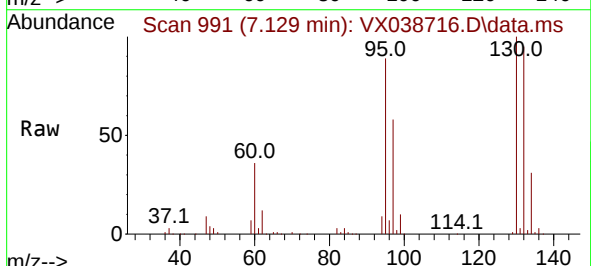
Manual Integrations
APPROVED

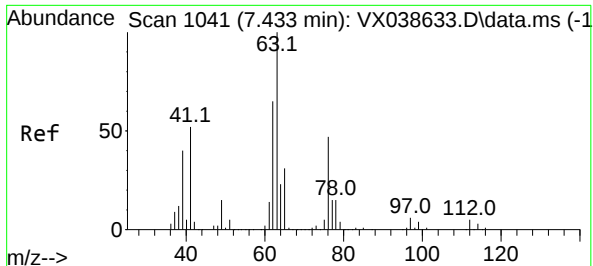
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#44
Trichloroethene
Concen: 49.505 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion:130 Resp: 182997
Ion Ratio Lower Upper
130 100
95 88.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 48.286 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 13867

Ion Ratio Lower Upper

63 100

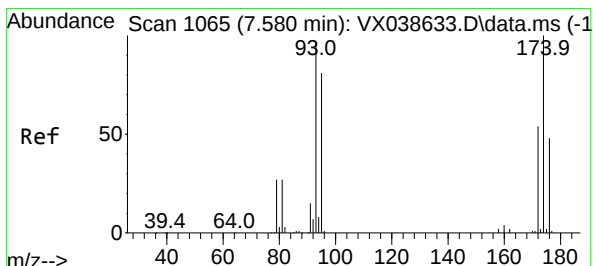
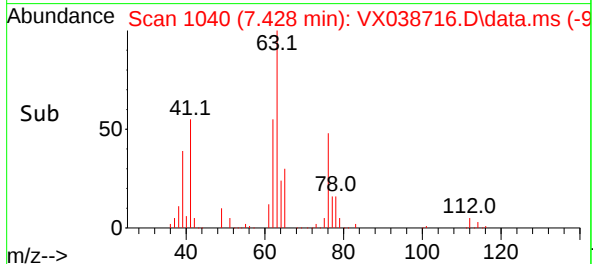
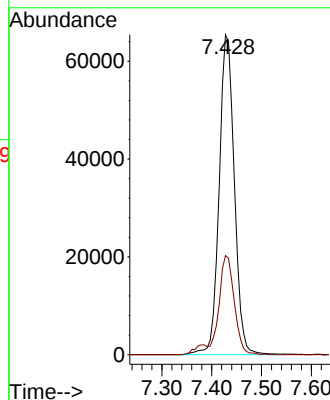
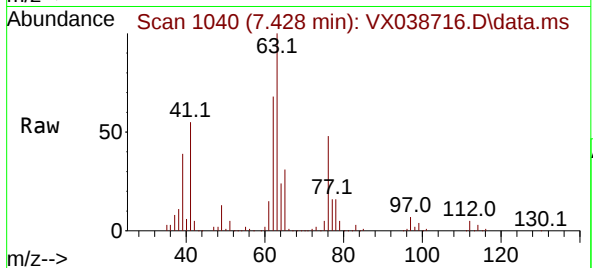
65 31.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#46

Dibromomethane

Concen: 48.709 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

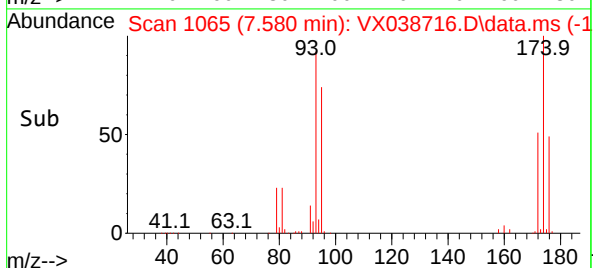
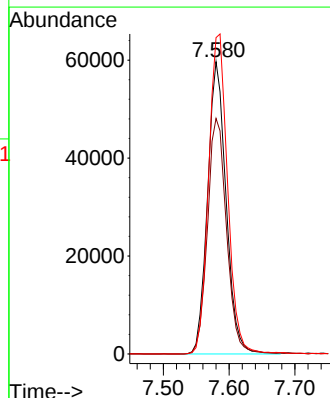
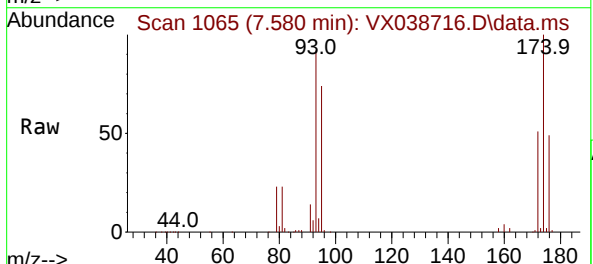
Tgt Ion: 93 Resp: 116990

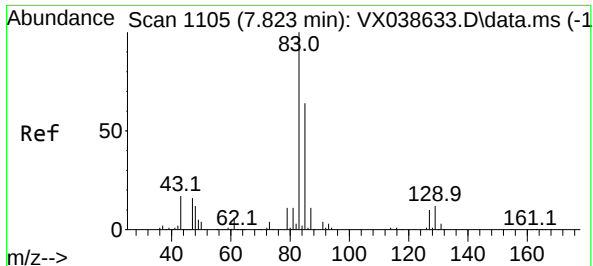
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

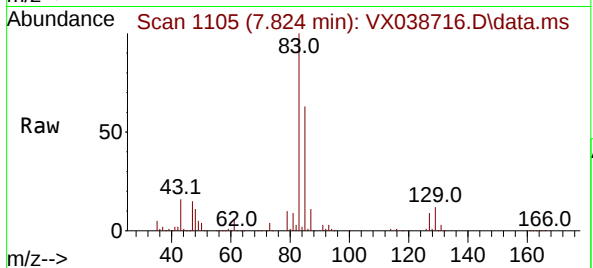
174 112.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 48.035 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

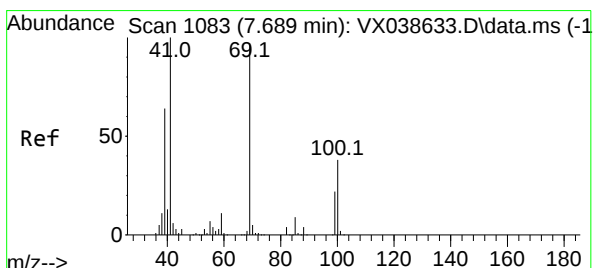
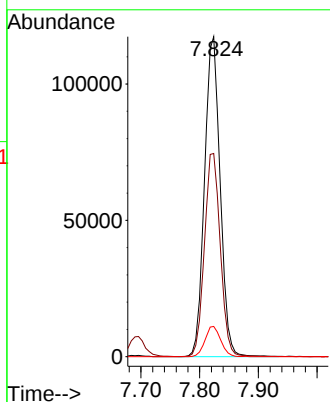
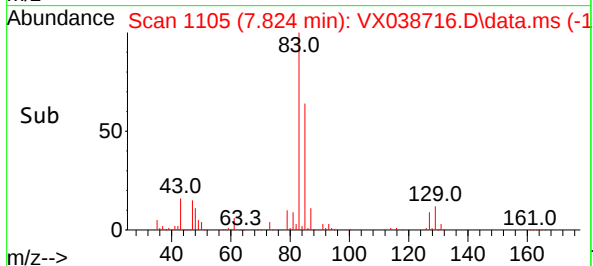
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



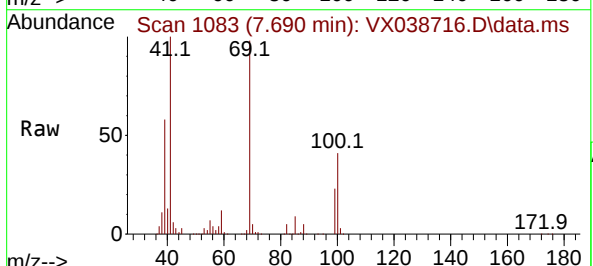
Tgt Ion: 83 Resp: 216978
Ion Ratio Lower Upper
83 100
85 63.5 49.8 74.6
127 9.5 7.1 10.7

Manual Integrations
APPROVED

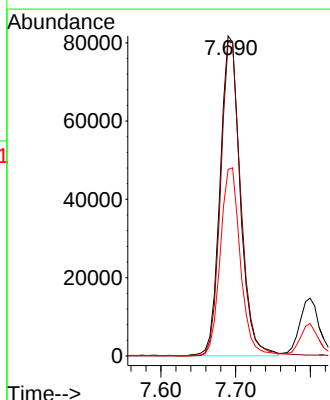
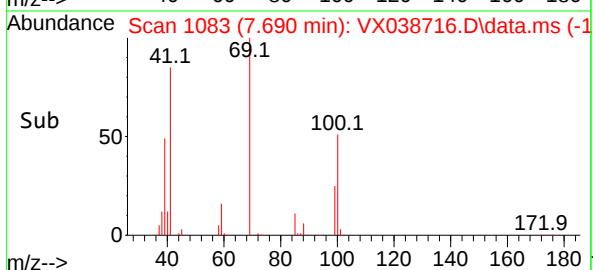
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

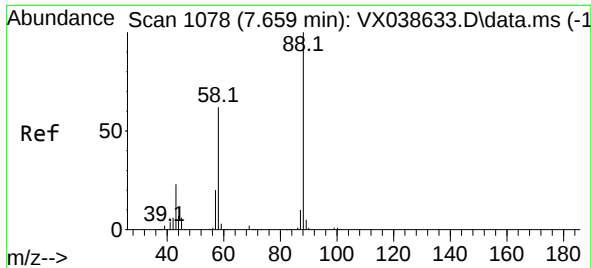


#48
Methyl methacrylate
Concen: 48.944 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



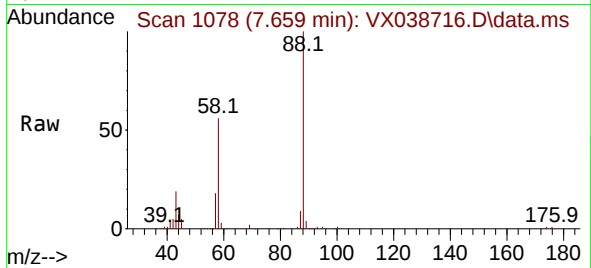
Tgt Ion: 41 Resp: 152713
Ion Ratio Lower Upper
41 100
69 98.7 59.2 88.8#
39 59.1 47.7 71.5





#49
1,4-Dioxane
Concen: 1016.566 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

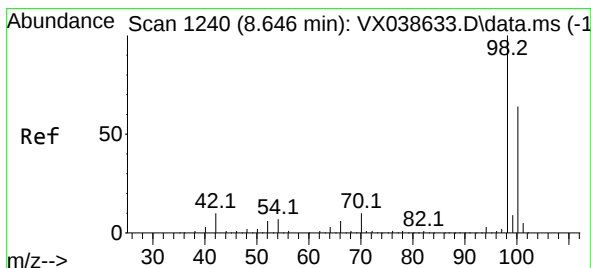
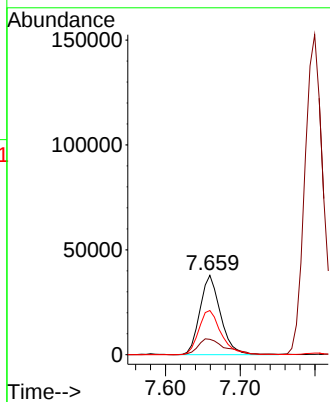
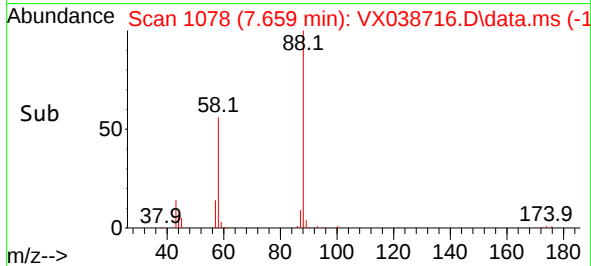
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 72208
Ion Ratio Lower Upper
88 100
43 26.8 0.0 0.0
58 60.8 60.1 90.1

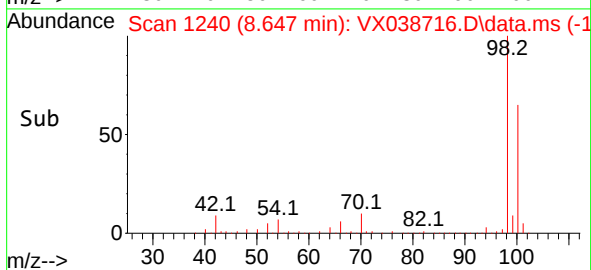
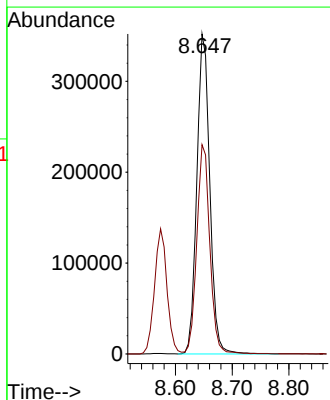
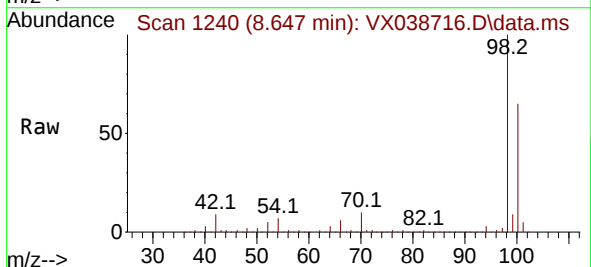
Manual Integrations
APPROVED

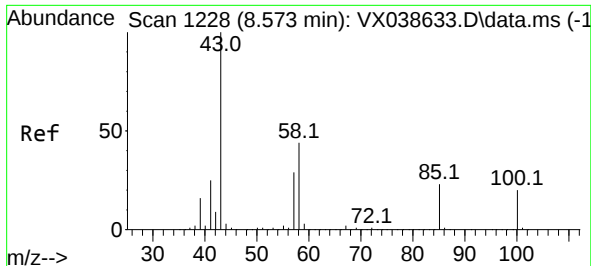
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#50
Toluene-d8
Concen: 46.950 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion: 98 Resp: 557871
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7





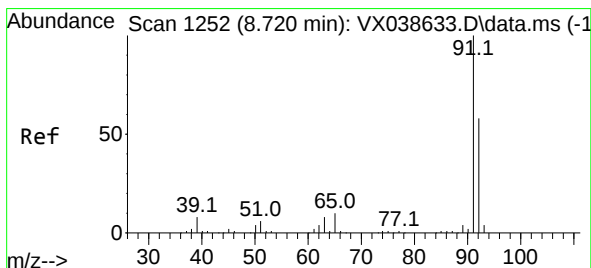
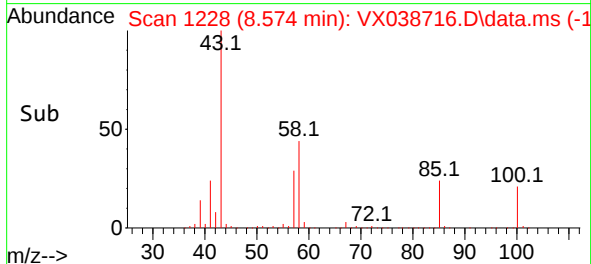
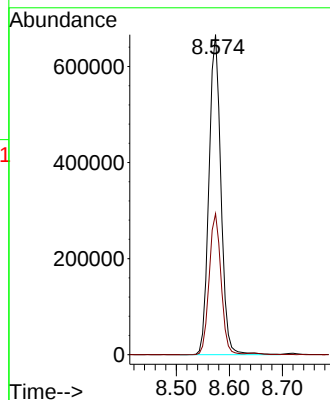
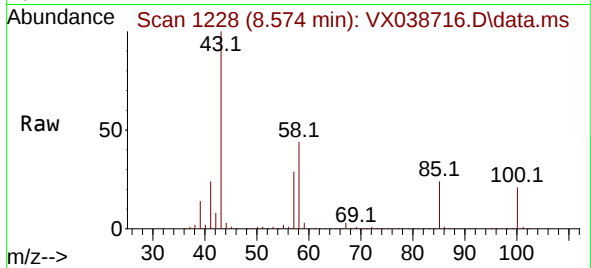
#51
4-Methyl-2-Pentanone
Concen: 246.688 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1040609
Ion Ratio Lower Upper
43 100
58 43.8 30.4 45.6

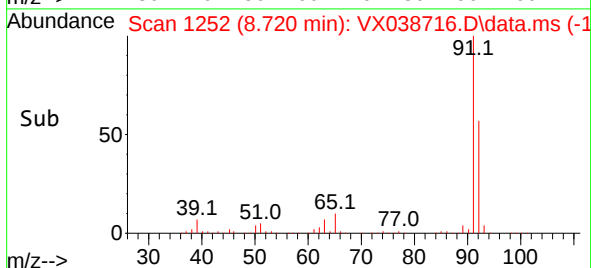
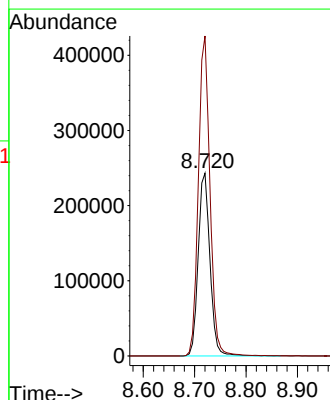
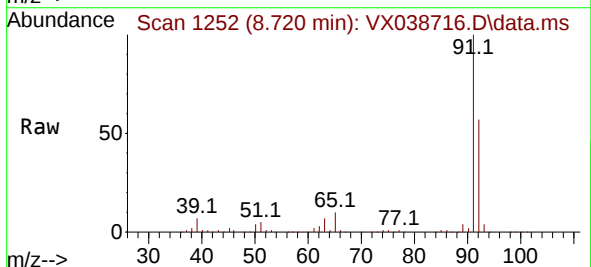
Manual Integrations
APPROVED

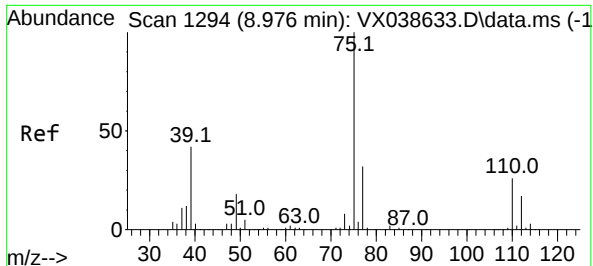
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#52
Toluene
Concen: 49.630 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion: 92 Resp: 386258
Ion Ratio Lower Upper
92 100
91 173.0 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 46.674 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 214638

Ion Ratio Lower Upper

75 100

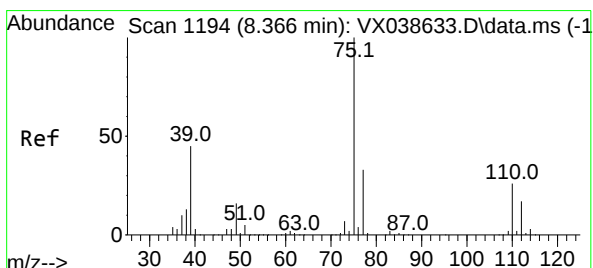
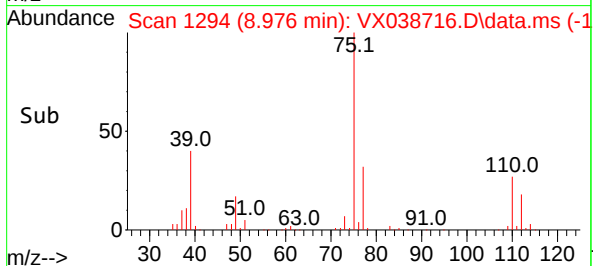
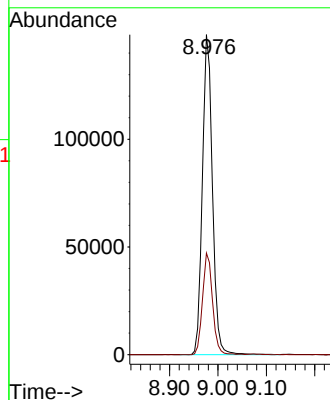
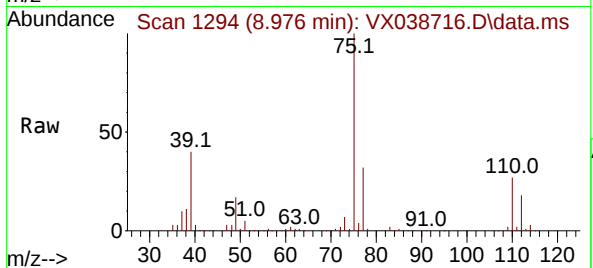
77 31.7 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#54

cis-1,3-Dichloropropene

Concen: 46.749 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

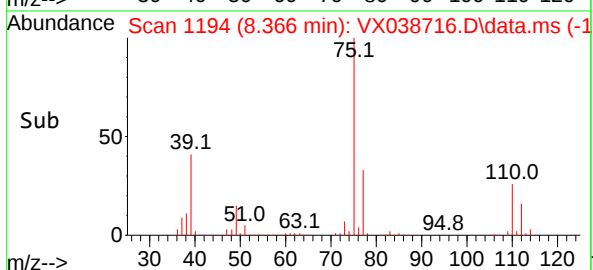
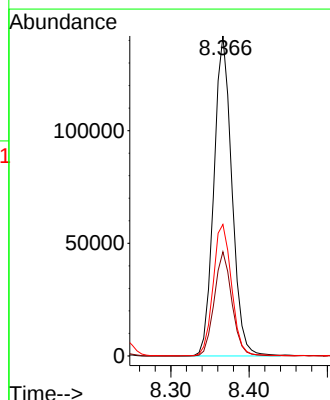
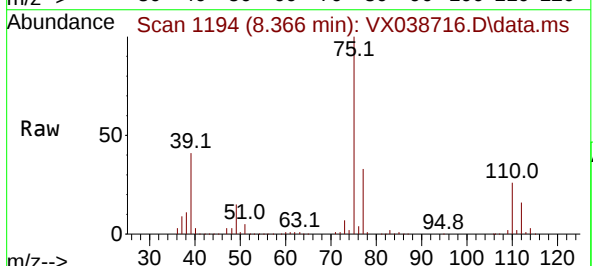
Tgt Ion: 75 Resp: 226950

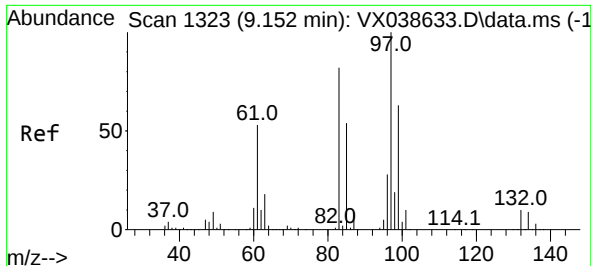
Ion Ratio Lower Upper

75 100

77 32.5 25.3 37.9

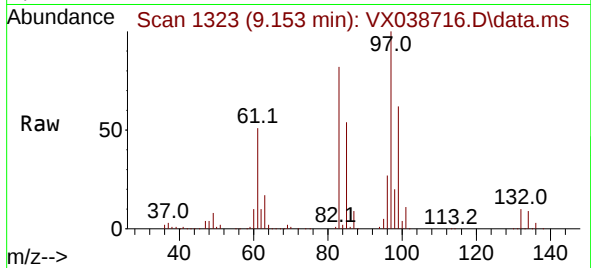
39 41.0 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 50.050 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

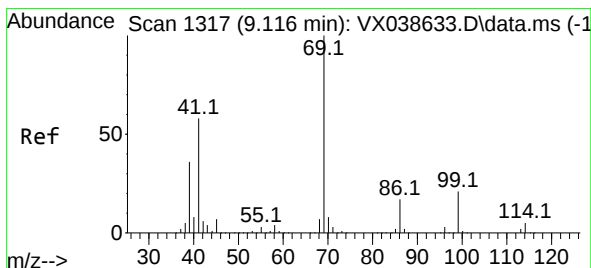
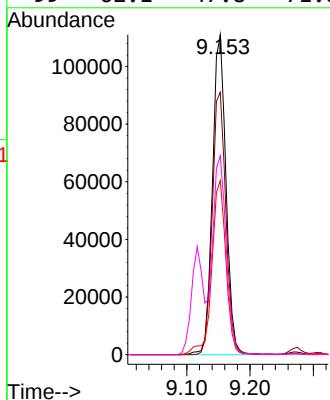
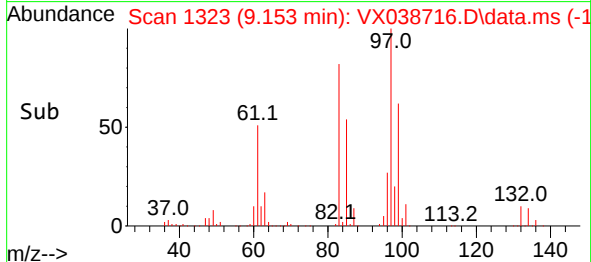
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	65.8	98.8
85	54.4	41.6	62.4
99	62.1	47.8	71.8

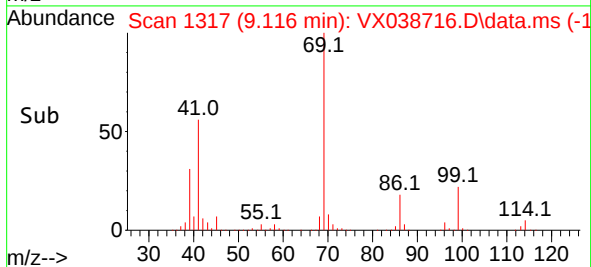
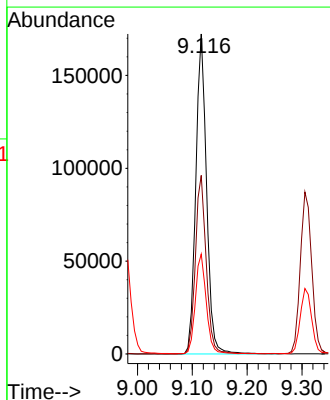
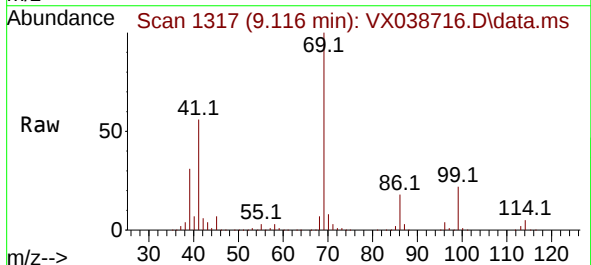
Manual Integrations
APPROVED

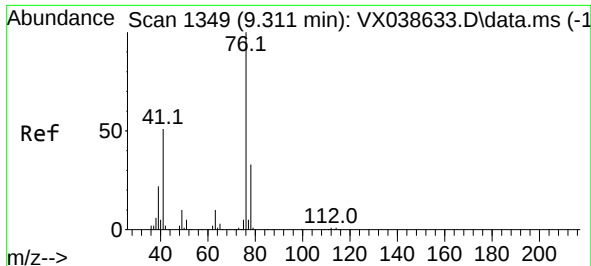
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#56
Ethyl methacrylate
Concen: 51.156 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.5	56.8	85.2#
39	31.5	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 49.311 ug/l

RT: 9.305 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 25362

Ion Ratio Lower Upper

76 100

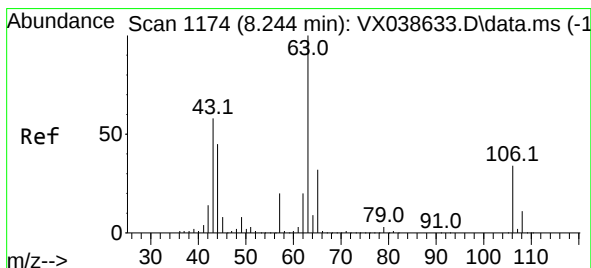
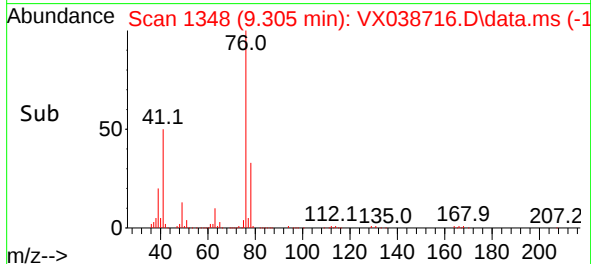
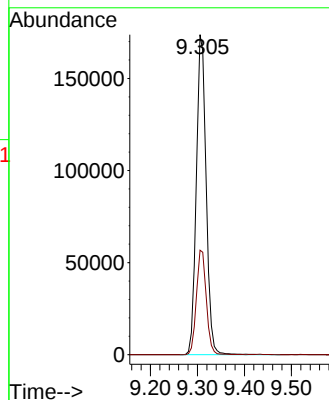
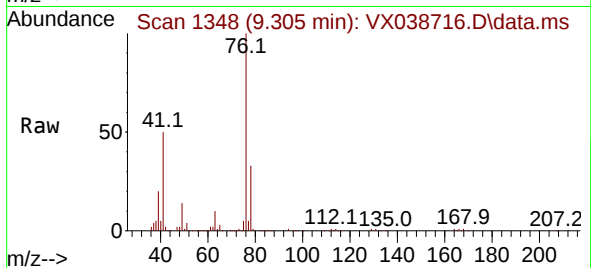
78 33.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 256.269 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX038716.D

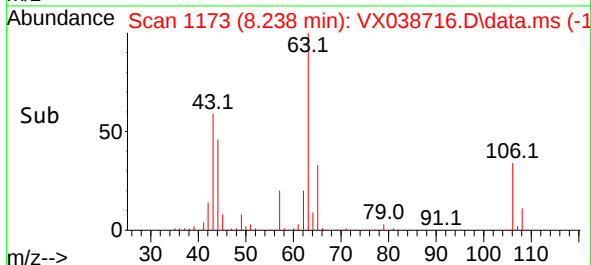
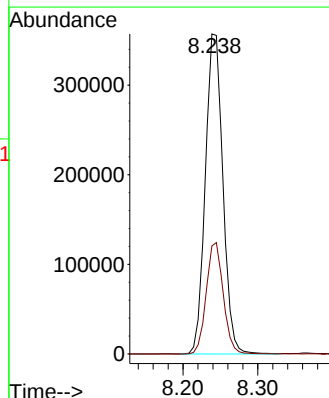
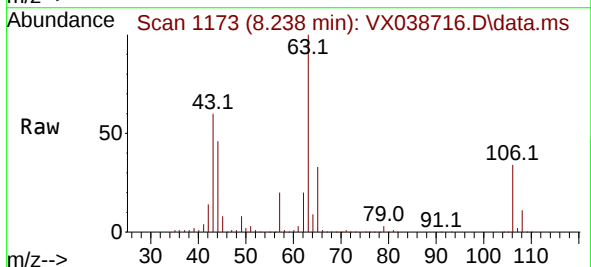
Acq: 10 Nov 2023 09:39

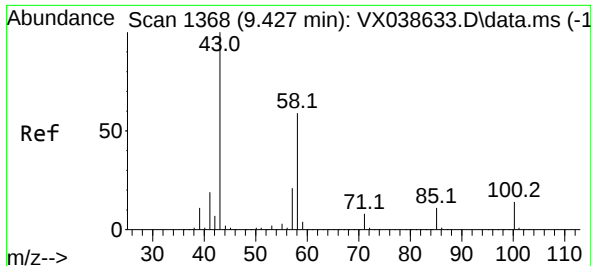
Tgt Ion: 63 Resp: 582138

Ion Ratio Lower Upper

63 100

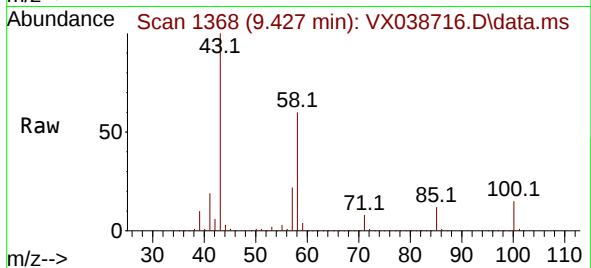
106 33.8 22.5 33.7#





#59
2-Hexanone
Concen: 240.280 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

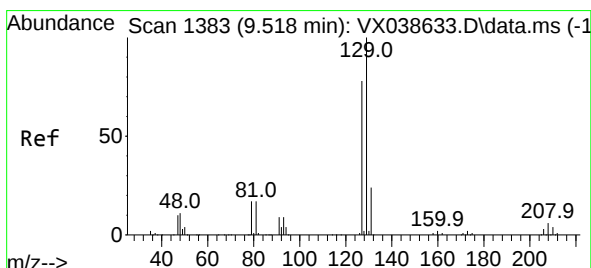
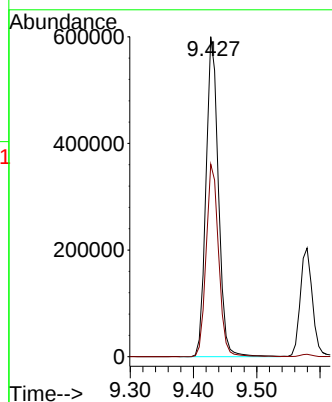
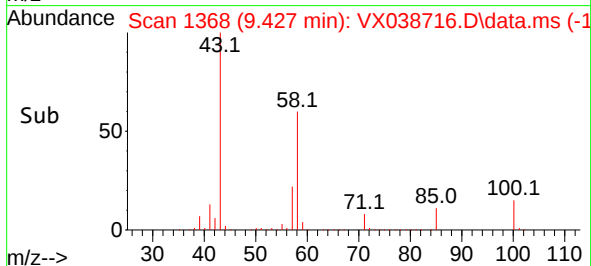
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



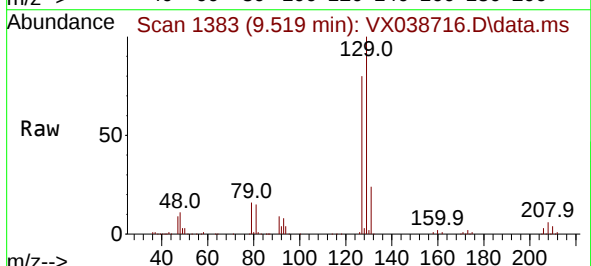
Tgt Ion: 43 Resp: 820120
Ion Ratio Lower Upper
43 100
58 60.7 26.2 78.5

Manual Integrations
APPROVED

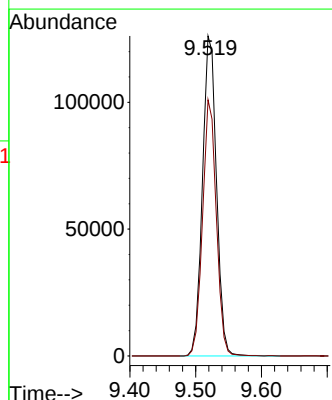
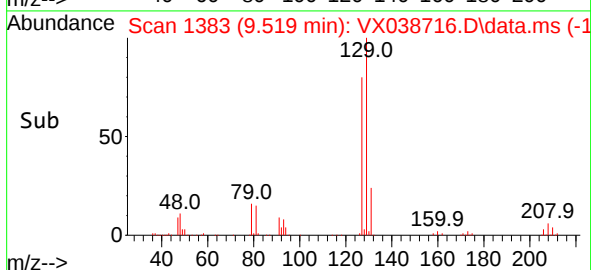
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

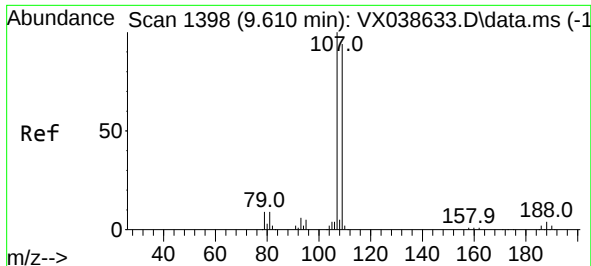


#60
Dibromochloromethane
Concen: 50.406 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



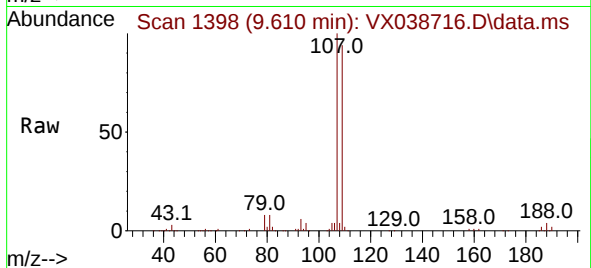
Tgt Ion:129 Resp: 186851
Ion Ratio Lower Upper
129 100
127 78.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.360 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

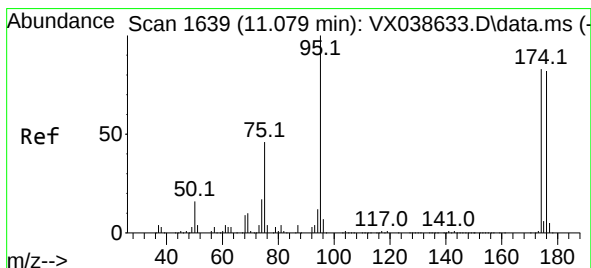
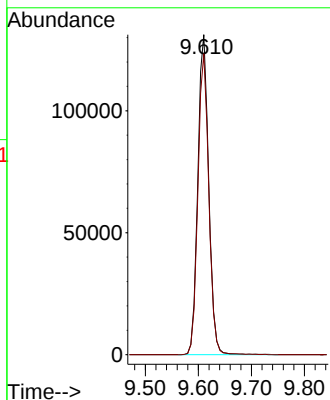
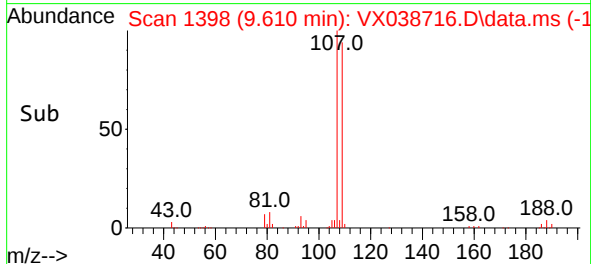
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



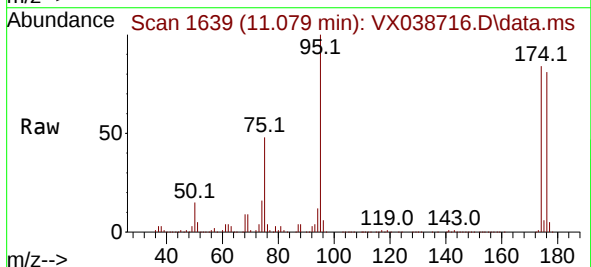
Tgt Ion:107 Resp: 18689
Ion Ratio Lower Upper
107 100
109 93.9 75.2 112.8

Manual Integrations
APPROVED

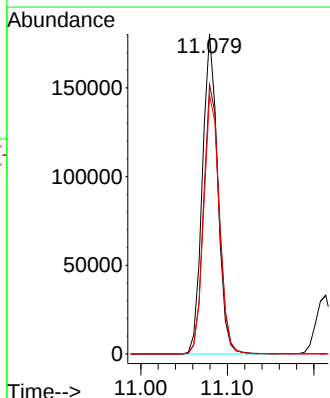
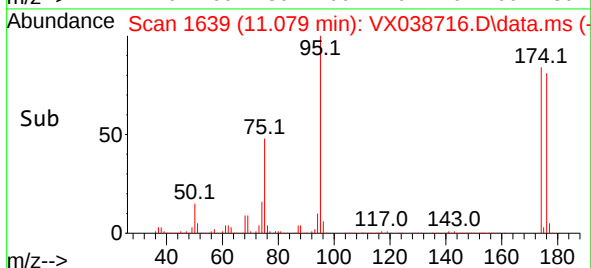
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

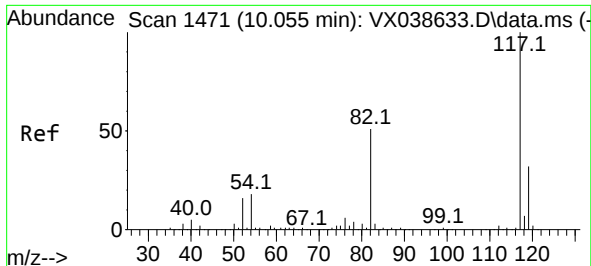


#62
4-Bromofluorobenzene
Concen: 47.895 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



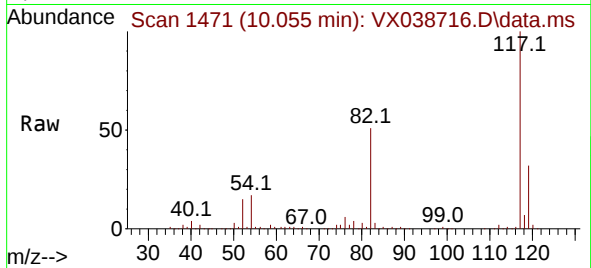
Tgt Ion: 95 Resp: 220646
Ion Ratio Lower Upper
95 100
174 86.7 0.0 135.6
176 83.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

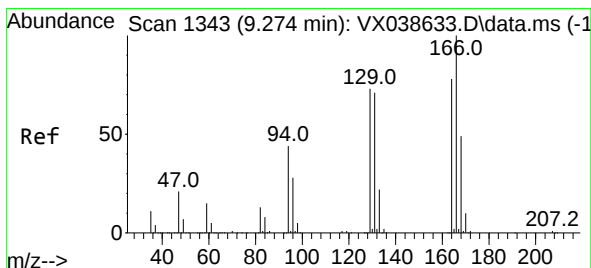
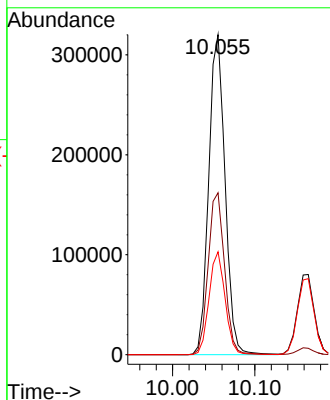
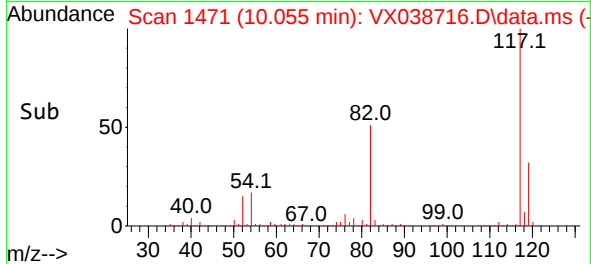
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 441959
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.1 25.5 38.3

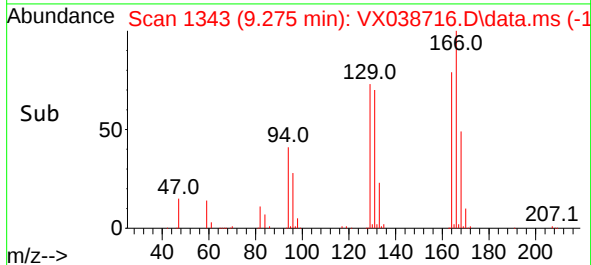
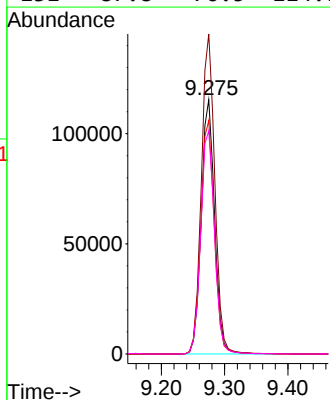
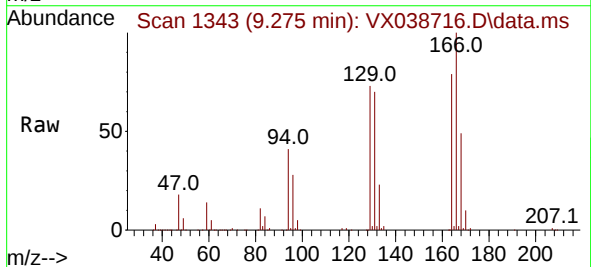
Manual Integrations
APPROVED

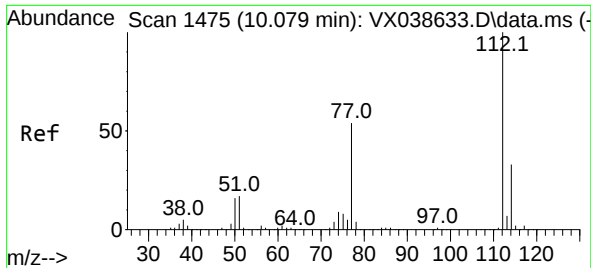
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#64
Tetrachloroethene
Concen: 51.285 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

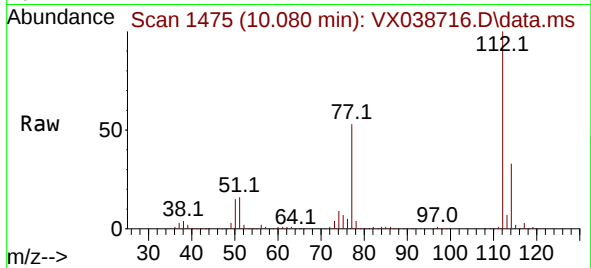
Tgt Ion:164 Resp: 169662
Ion Ratio Lower Upper
164 100
166 125.9 102.7 154.1
129 91.8 80.4 120.6
131 87.8 76.5 114.7





#65
Chlorobenzene
Concen: 49.055 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

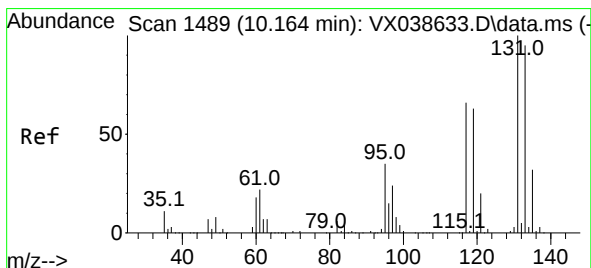
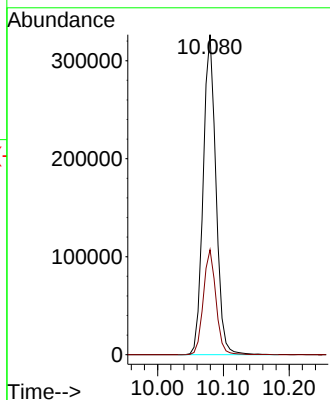
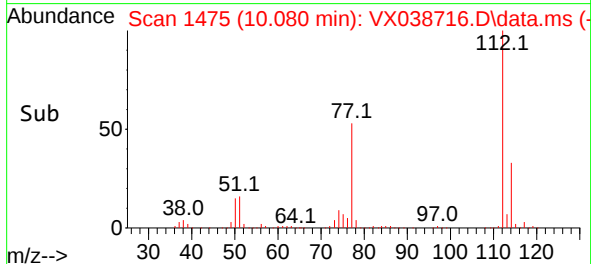
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



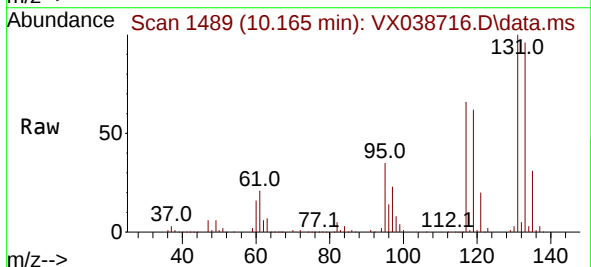
Tgt Ion:112 Resp: 44134
Ion Ratio Lower Upper
112 100
114 32.8 25.7 38.5

Manual Integrations
APPROVED

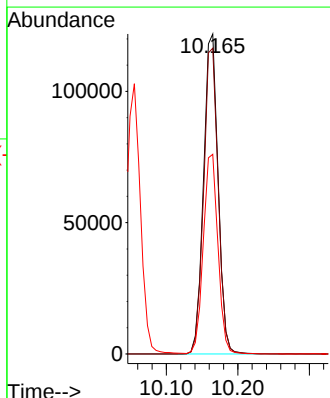
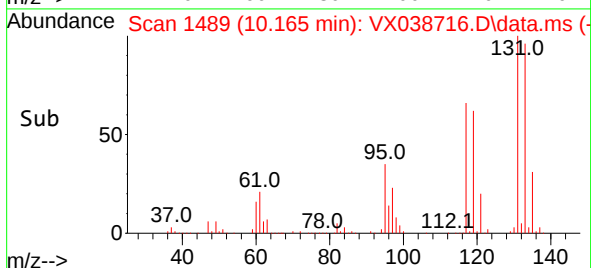
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

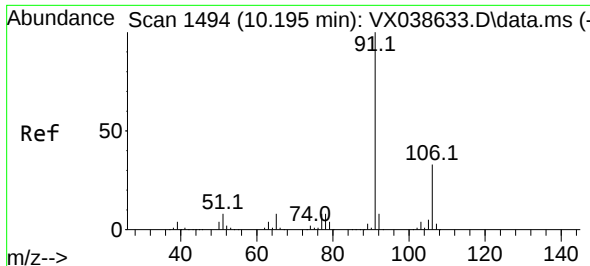


#66
1,1,1,2-Tetrachloroethane
Concen: 50.979 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion:131 Resp: 172418
Ion Ratio Lower Upper
131 100
133 95.8 47.1 141.4
119 62.8 32.2 96.6





#67

Ethyl Benzene

Concen: 49.097 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 747183

Ion Ratio Lower Upper

91 100

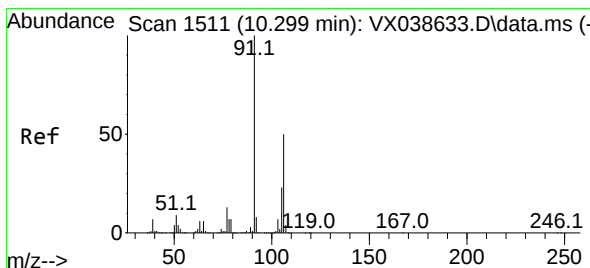
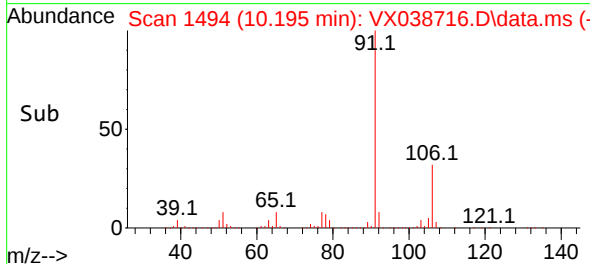
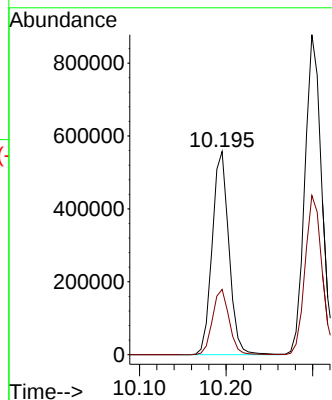
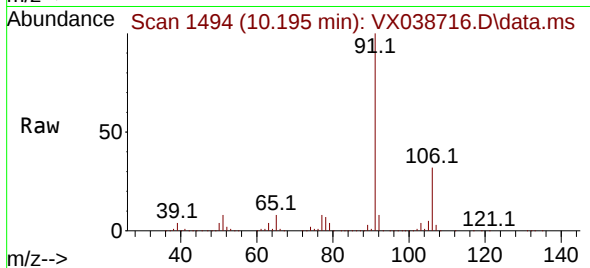
106 32.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#68

m/p-Xylenes

Concen: 98.806 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX038716.D

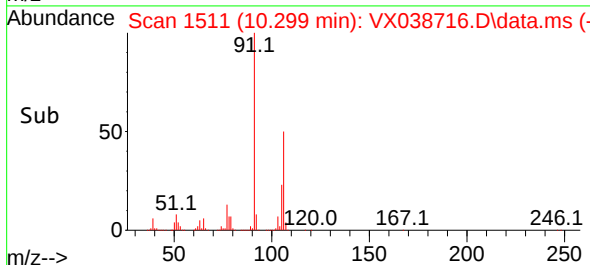
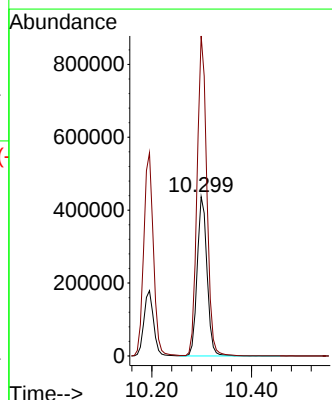
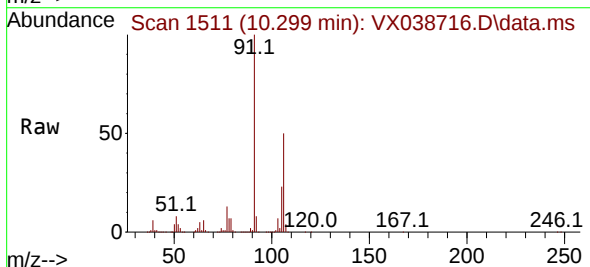
Acq: 10 Nov 2023 09:39

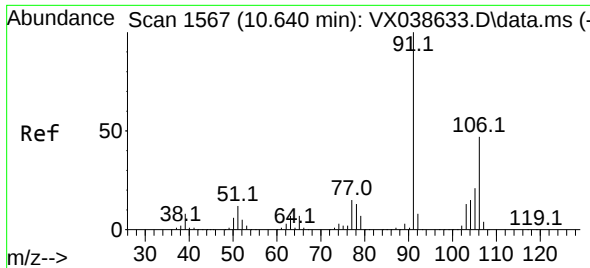
Tgt Ion:106 Resp: 596786

Ion Ratio Lower Upper

106 100

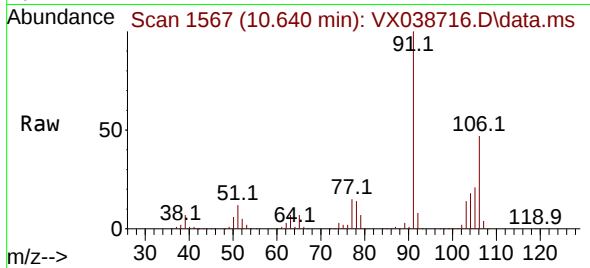
91 198.7 165.5 248.3





#69
o-Xylene
Concen: 49.870 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

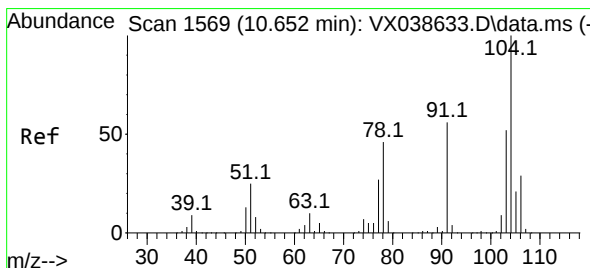
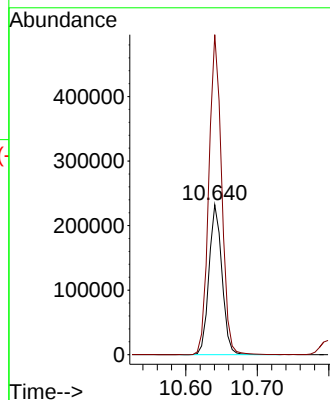
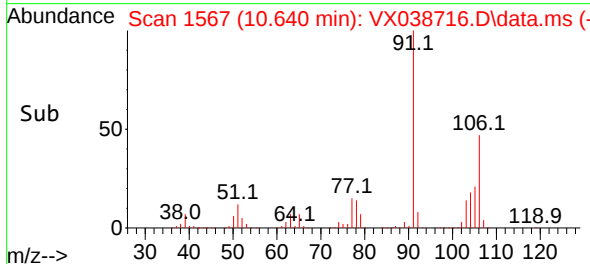
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 29292
Ion Ratio Lower Upper
106 100
91 210.2 108.9 326.8

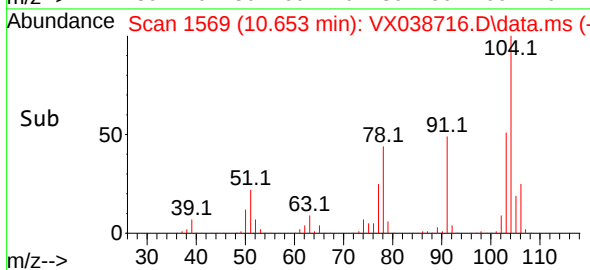
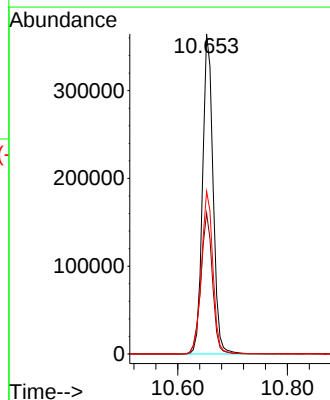
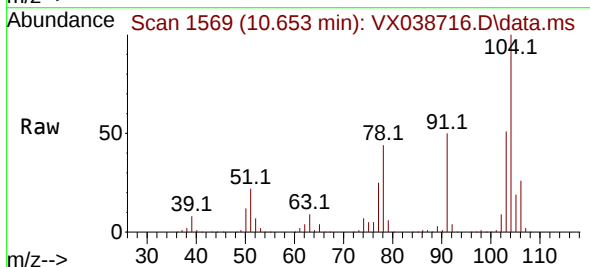
Manual Integrations
APPROVED

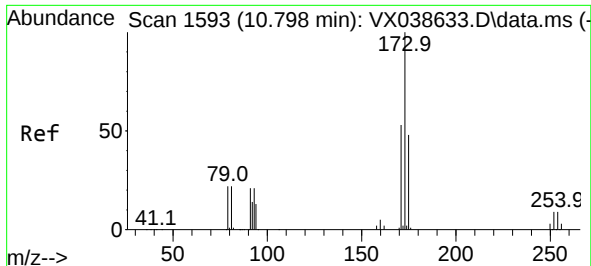
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#70
Styrene
Concen: 50.234 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

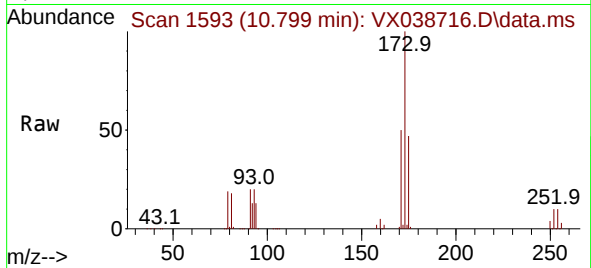
Tgt Ion:104 Resp: 486963
Ion Ratio Lower Upper
104 100
78 48.2 43.6 65.4
103 55.4 43.6 65.4





#71
Bromoform
Concen: 50.656 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

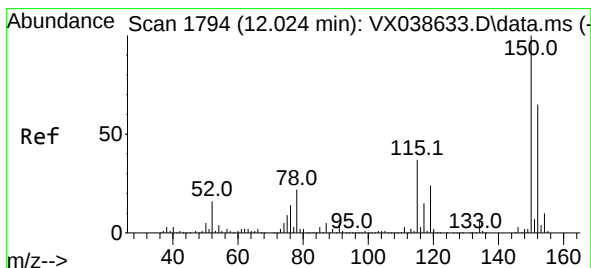
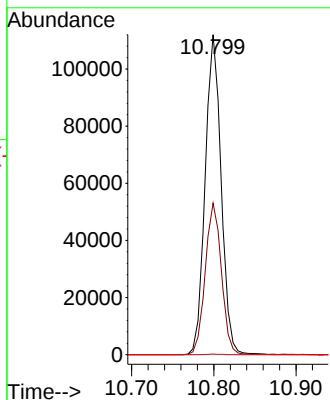
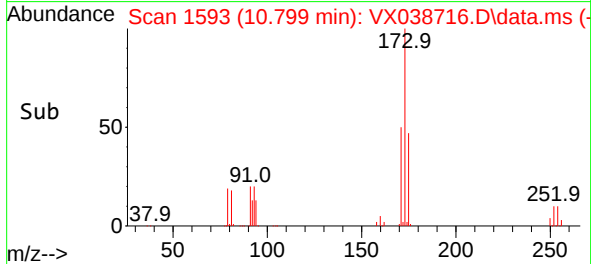
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 151218
Ion Ratio Lower Upper
173 100
175 48.0 24.1 72.4
254 0.2 0.0 0.0

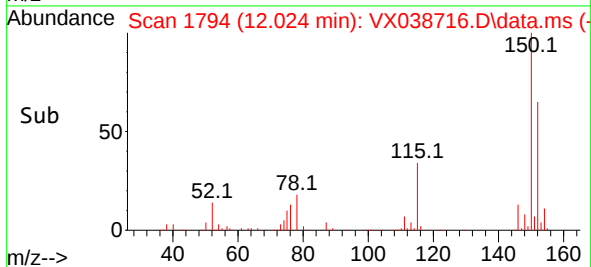
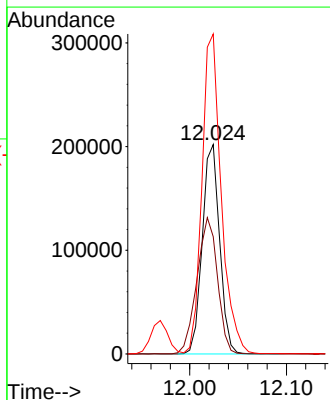
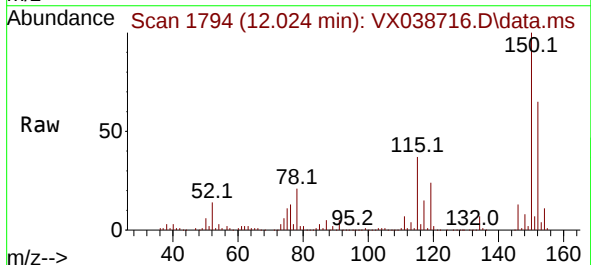
Manual Integrations
APPROVED

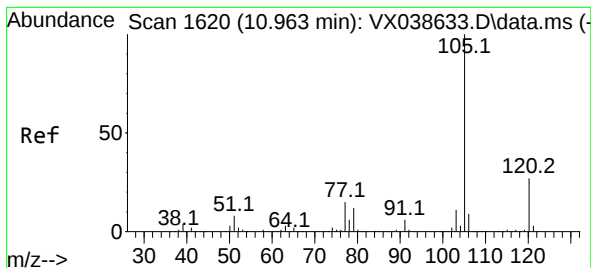
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion:152 Resp: 251458
Ion Ratio Lower Upper
152 100
115 77.5 43.3 129.9
150 170.3 0.0 345.0





#73

Isopropylbenzene

Concen: 49.513 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 76383

Ion Ratio Lower Upper

105 100

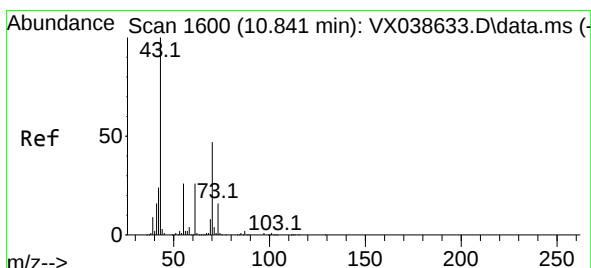
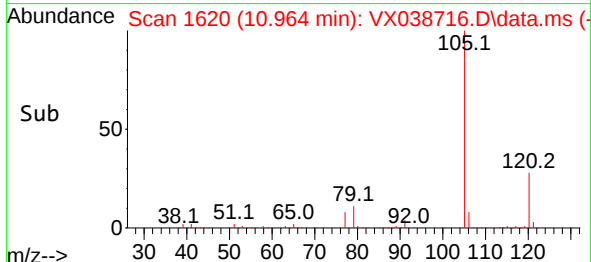
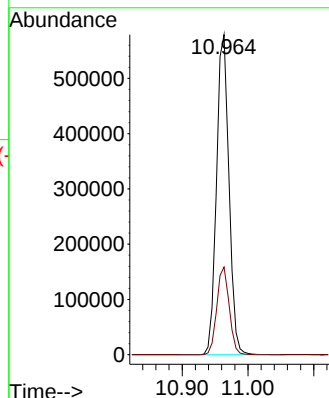
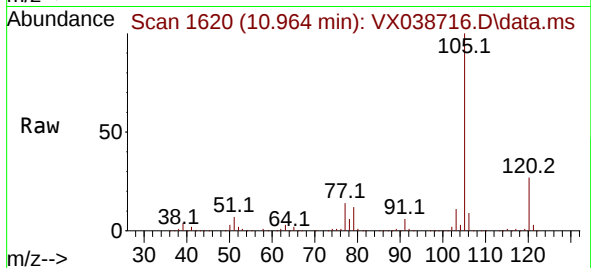
120 27.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#74

N-ethyl acetate

Concen: 47.209 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Tgt Ion: 43 Resp: 253049

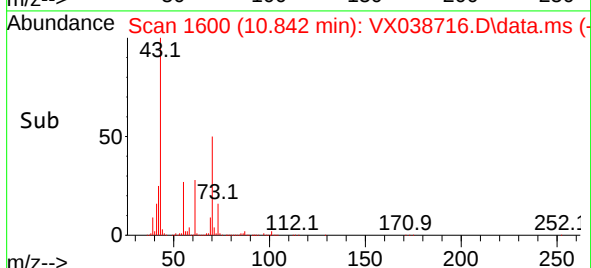
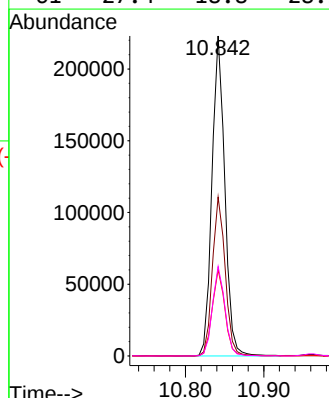
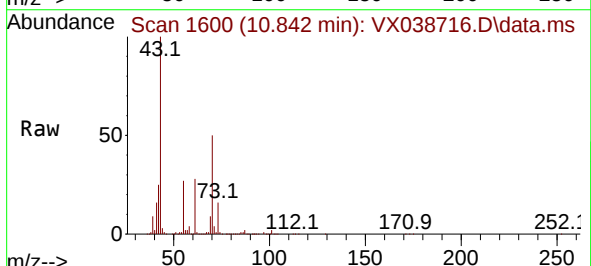
Ion Ratio Lower Upper

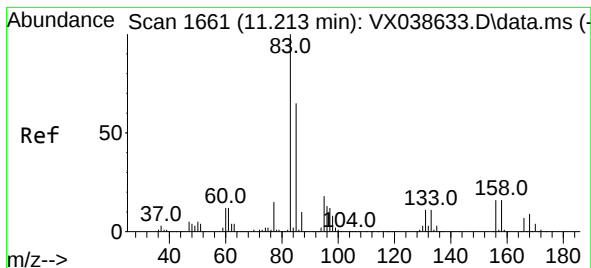
43 100

70 49.8 32.9 49.3

55 27.0 19.3 28.9

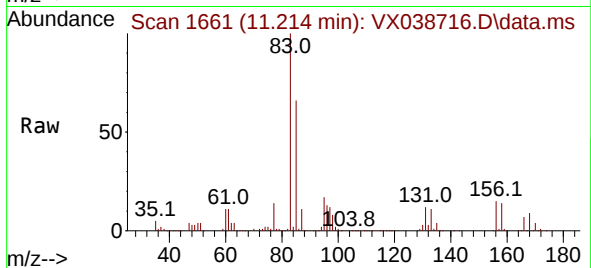
61 27.4 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 48.503 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

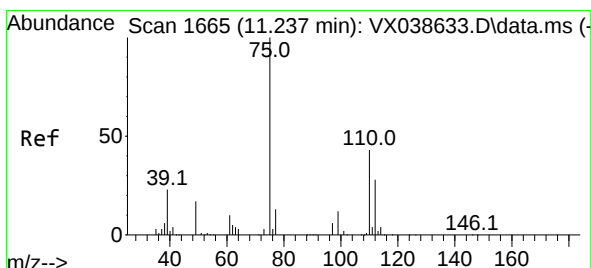
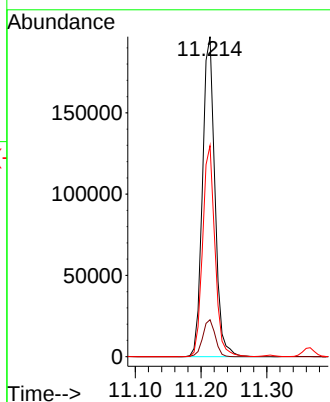
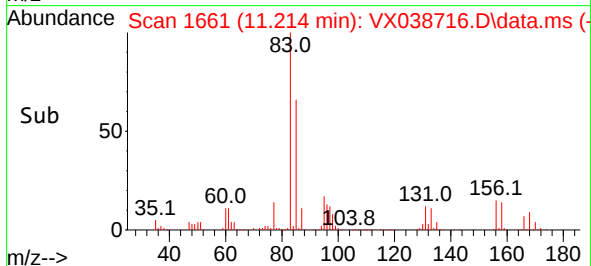
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



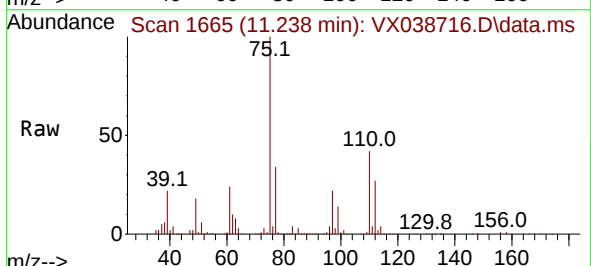
Tgt Ion: 83 Resp: 258678
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 65.5 32.0 96.2

Manual Integrations
APPROVED

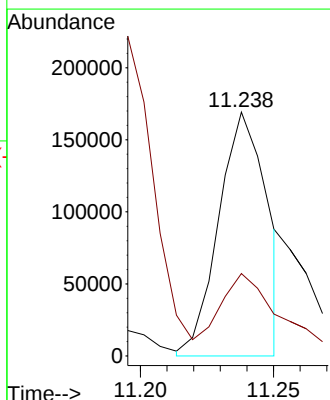
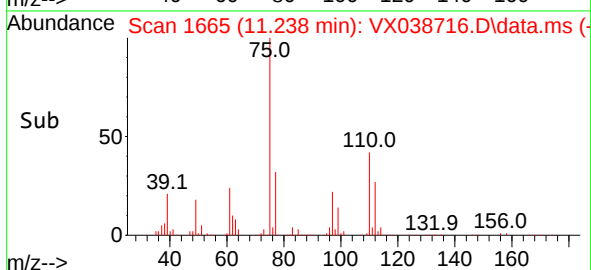
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

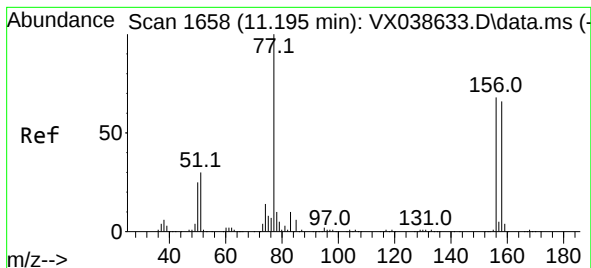


#76
1,2,3-Trichloropropane
Concen: 43.053 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion: 75 Resp: 214408
Ion Ratio Lower Upper
75 100
77 42.9 19.1 57.5





#77

Bromobenzene

Concen: 48.814 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

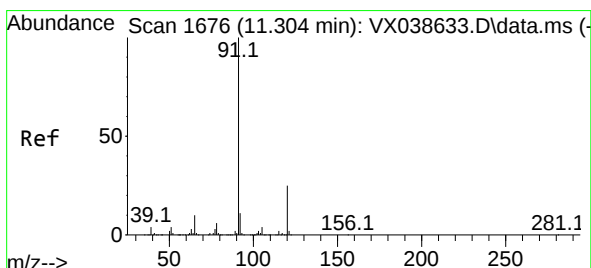
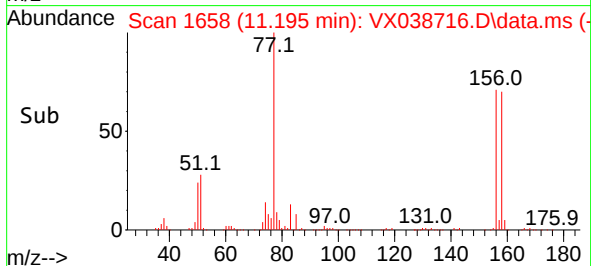
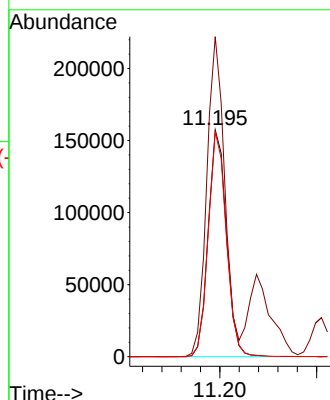
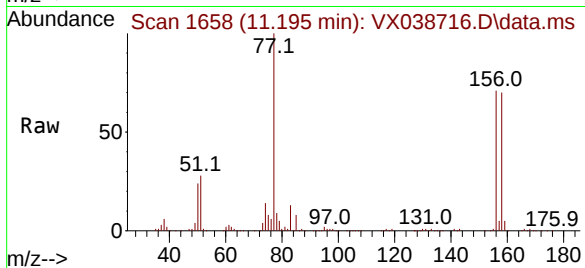
Tgt Ion:	156	Resp:	206672
Ion Ratio	Lower	Upper	
156	100		
77	138.1	88.4	265.3
158	97.9	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#78

n-propylbenzene

Concen: 48.684 ug/l

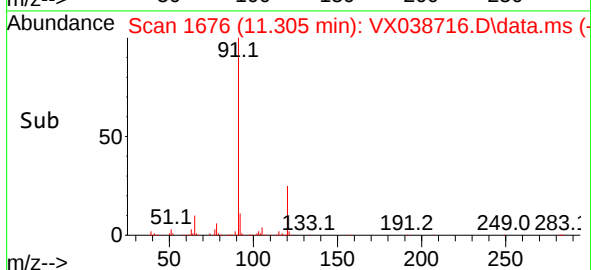
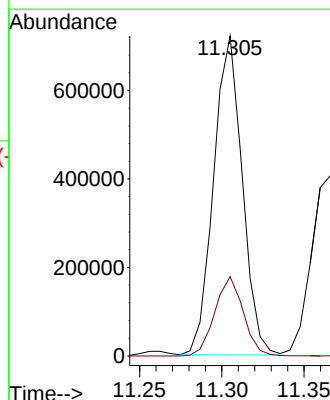
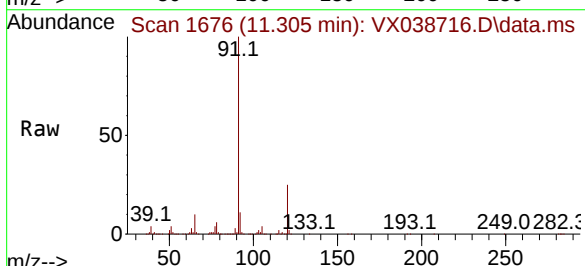
RT: 11.305 min Scan# 1676

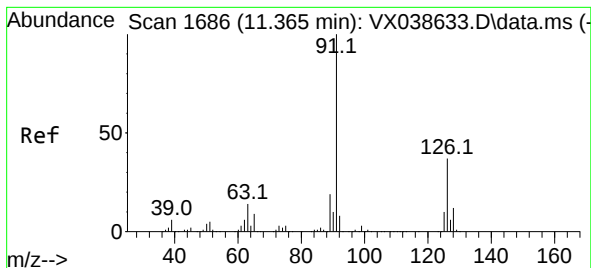
Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Tgt Ion:	91	Resp:	873976
Ion Ratio	Lower	Upper	
91	100		
120	24.7	11.5	34.4





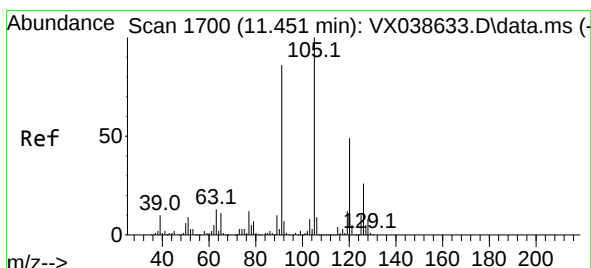
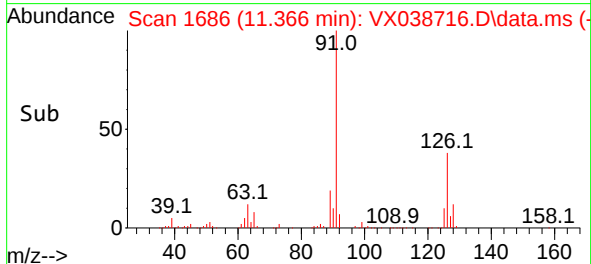
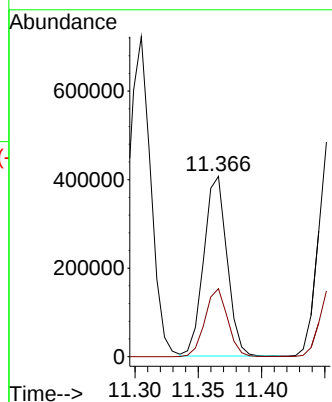
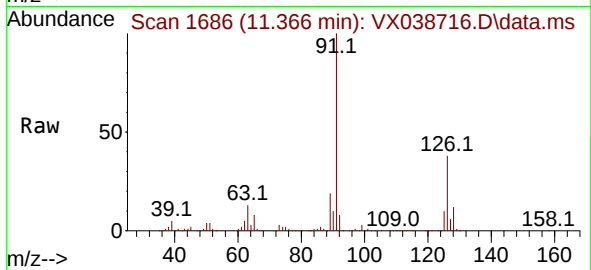
#79
2-Chlorotoluene
Concen: 48.412 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 520319
Ion Ratio Lower Upper
91 100
126 36.9 16.3 48.8

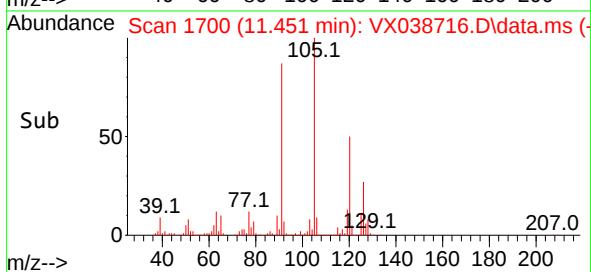
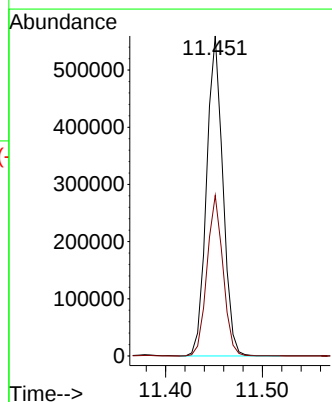
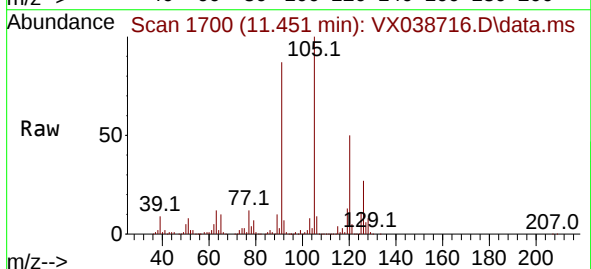
Manual Integrations
APPROVED

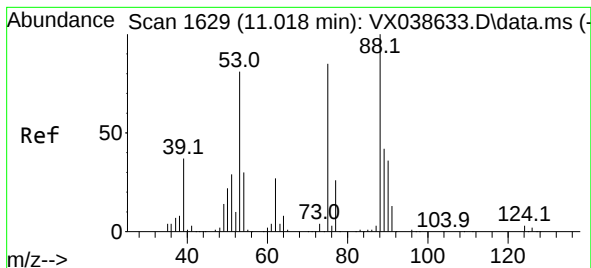
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.422 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Tgt Ion:105 Resp: 656179
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.3





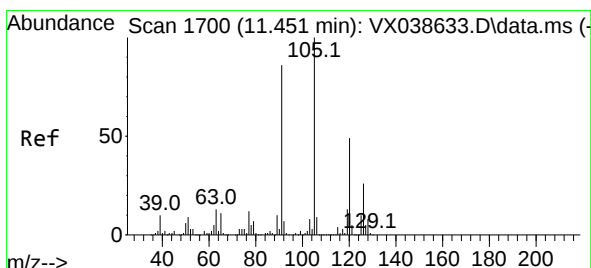
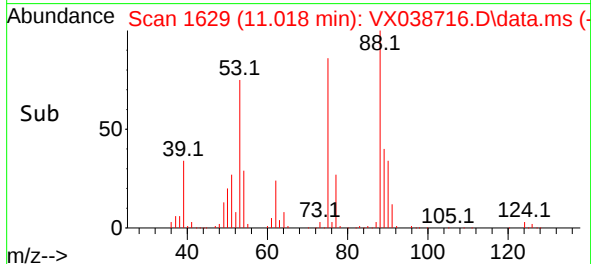
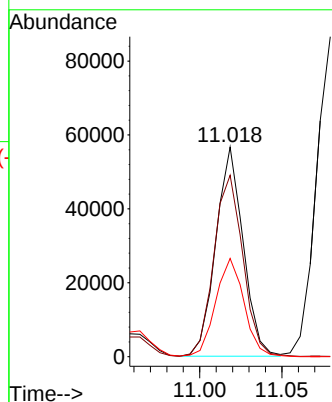
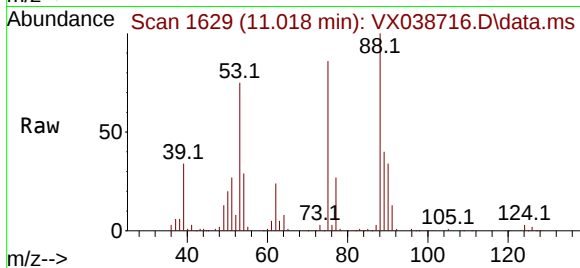
#81
trans-1,4-Dichloro-2-butene
Concen: 41.968 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 65610
Ion Ratio Lower Upper
75 100
53 92.0 90.5 135.7
89 48.8 36.9 55.3

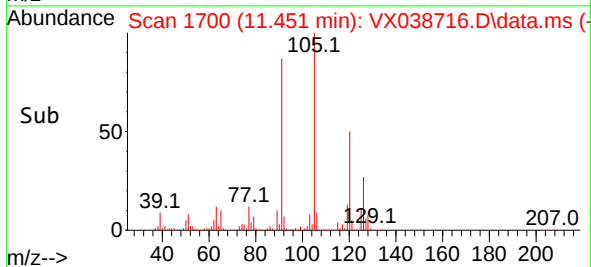
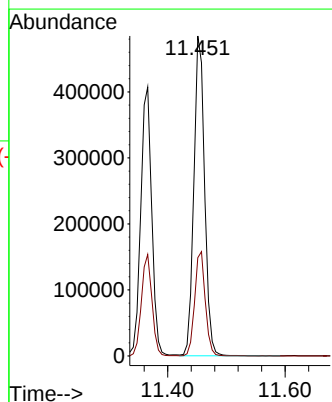
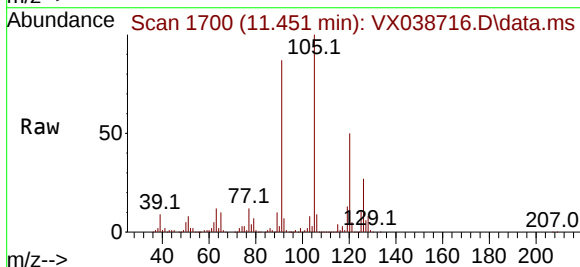
Manual Integrations
APPROVED

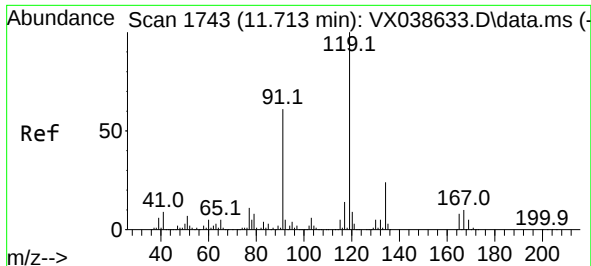
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#82
4-Chlorotoluene
Concen: 48.915 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

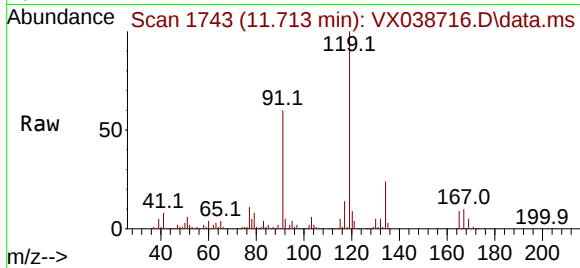
Tgt Ion: 91 Resp: 614184
Ion Ratio Lower Upper
91 100
126 32.3 14.2 42.6





#83
tert-Butylbenzene
Concen: 48.619 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

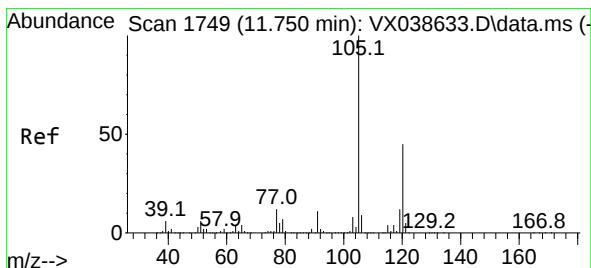
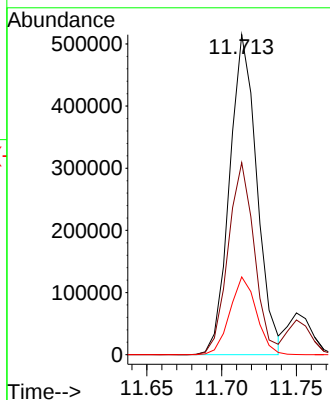
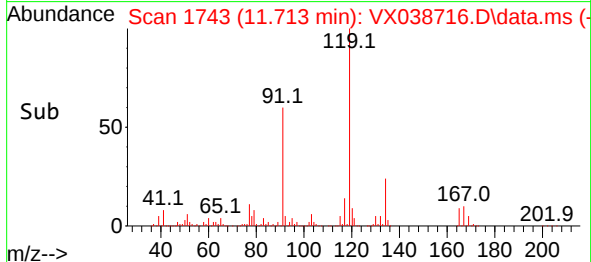
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



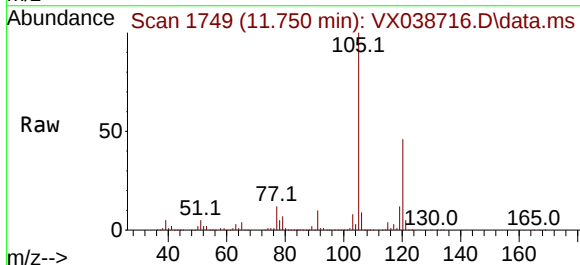
Tgt Ion:119 Resp: 65409
Ion Ratio Lower Upper
119 100
91 57.8 31.2 93.6
134 23.6 11.7 35.0

Manual Integrations
APPROVED

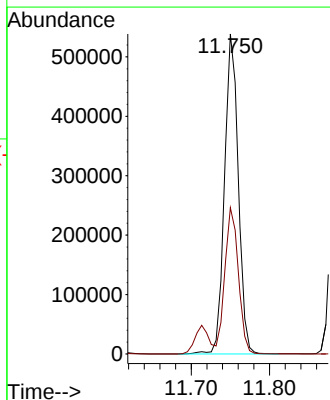
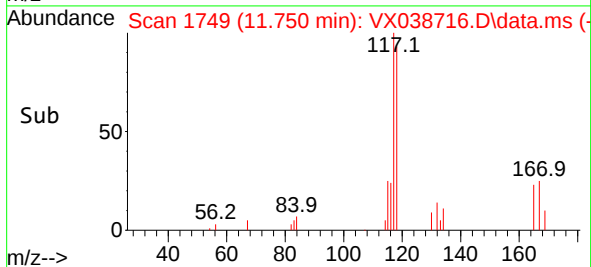
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

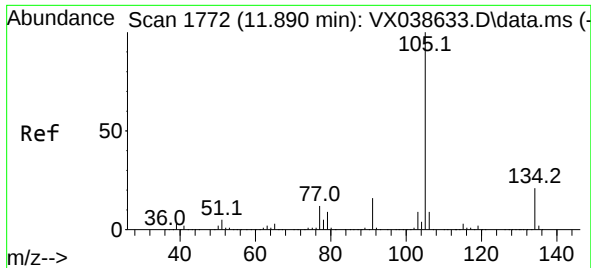


#84
1,2,4-Trimethylbenzene
Concen: 50.051 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



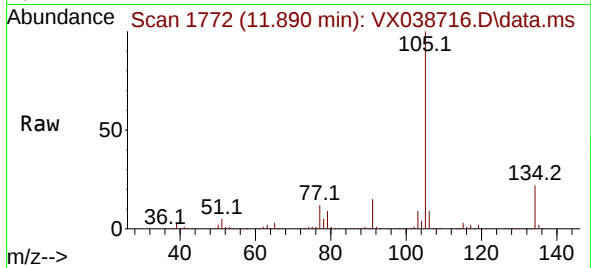
Tgt Ion:105 Resp: 659099
Ion Ratio Lower Upper
105 100
120 44.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 48.413 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX038716.D
 Acq: 10 Nov 2023 09:39

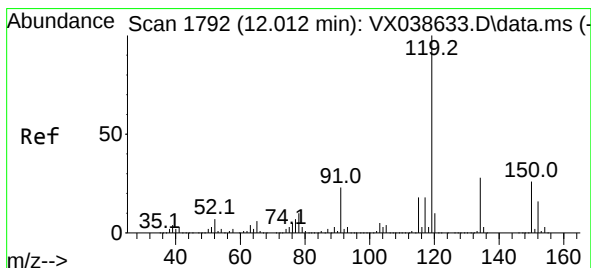
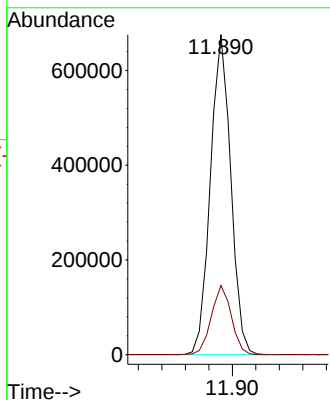
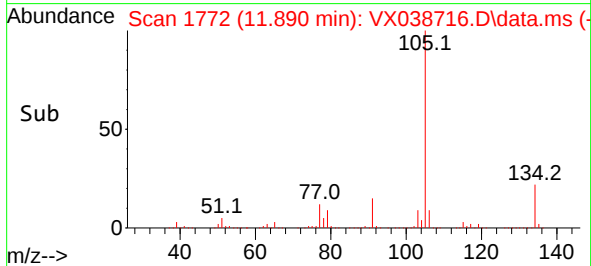
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



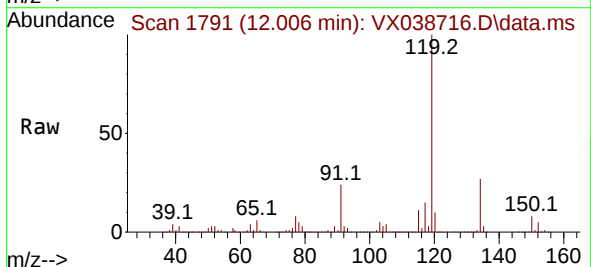
Tgt Ion:105 Resp: 812718
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.8 29.4

Manual Integrations
 APPROVED

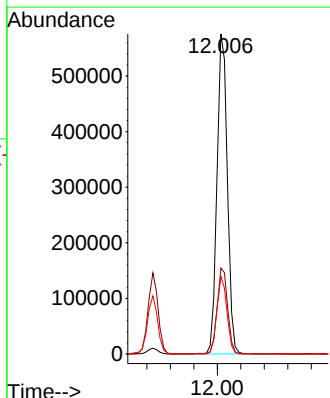
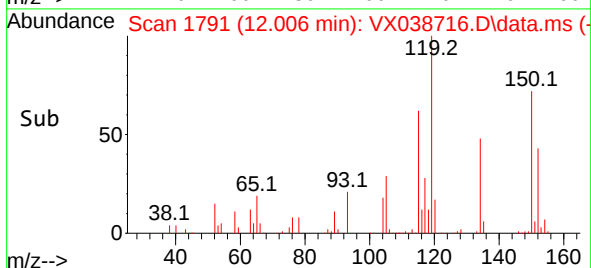
Reviewed By :John Carlone 11/13/2023
 Supervised By :Mahesh Dadoda 11/13/2023

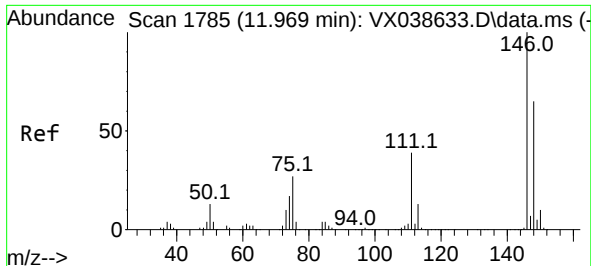


#86
 p-Isopropyltoluene
 Concen: 49.165 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.006 min
 Lab File: VX038716.D
 Acq: 10 Nov 2023 09:39



Tgt Ion:119 Resp: 703084
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 23.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.119 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 38951

Ion Ratio Lower Upper

146 100

111 39.0 22.1 66.1

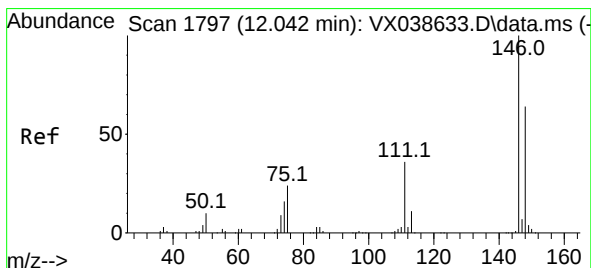
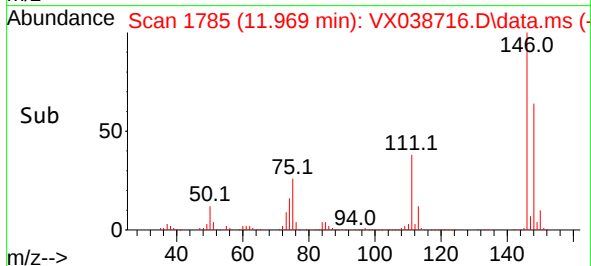
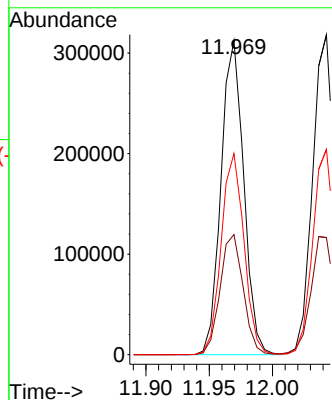
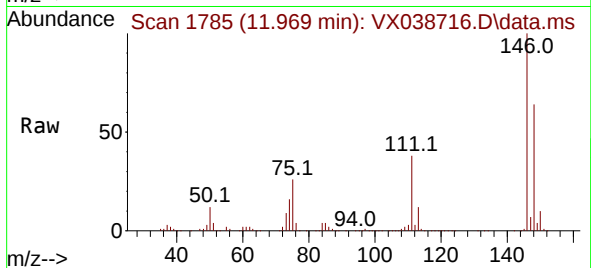
148 64.3 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/13/2023

Supervised By :Mahesh Dadoda 11/13/2023



#88

1,4-Dichlorobenzene

Concen: 47.270 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX038716.D

Acq: 10 Nov 2023 09:39

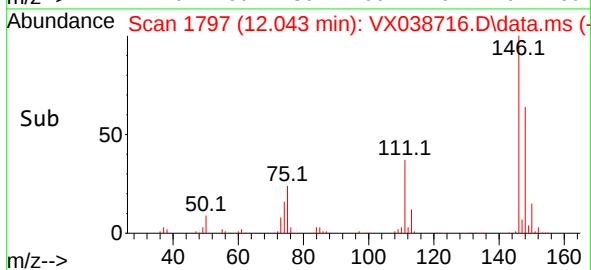
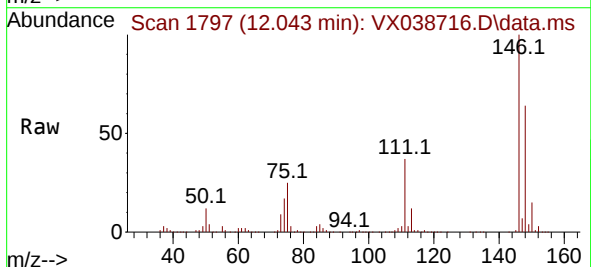
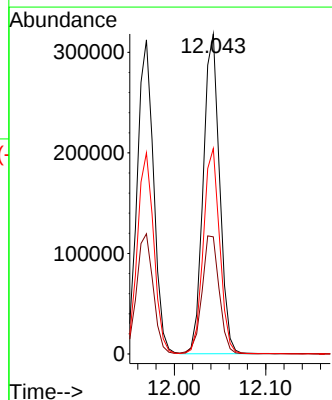
Tgt Ion:146 Resp: 393298

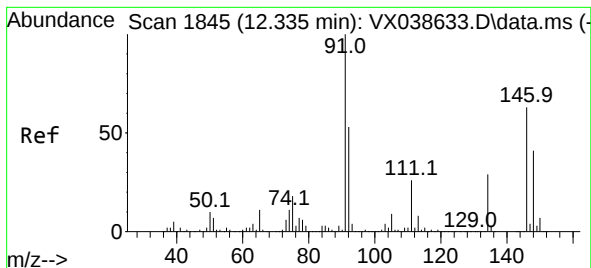
Ion Ratio Lower Upper

146 100

111 38.9 21.3 63.7

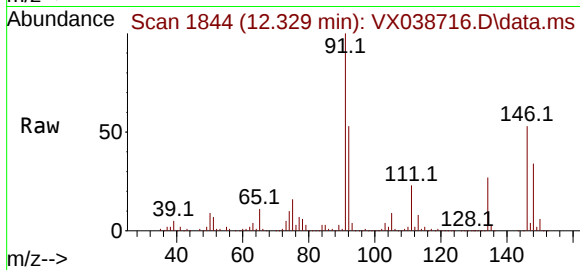
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 46.630 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

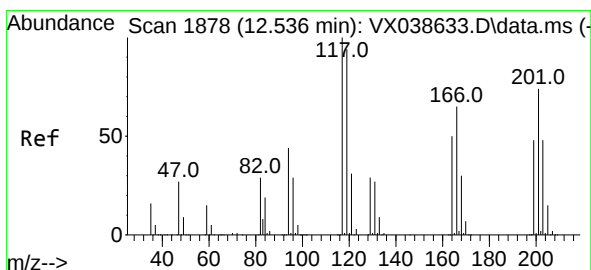
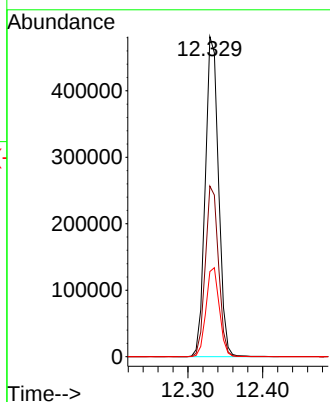
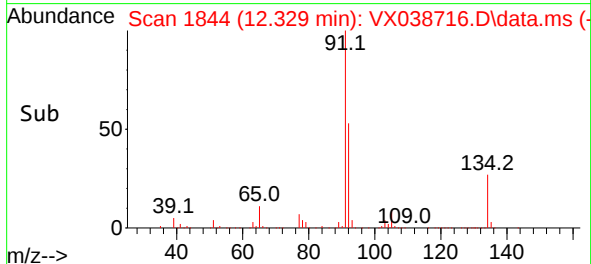
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 593398
Ion Ratio Lower Upper
91 100
92 53.0 27.4 82.0
134 28.0 12.6 37.8

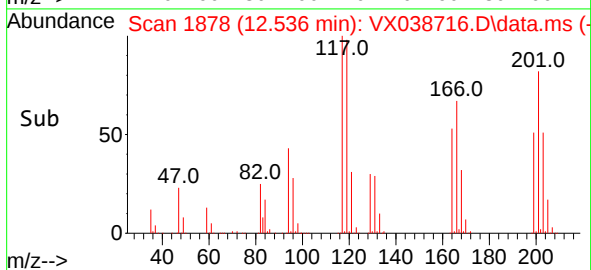
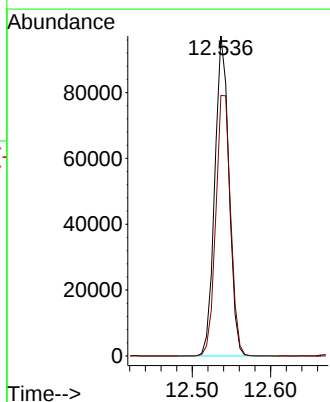
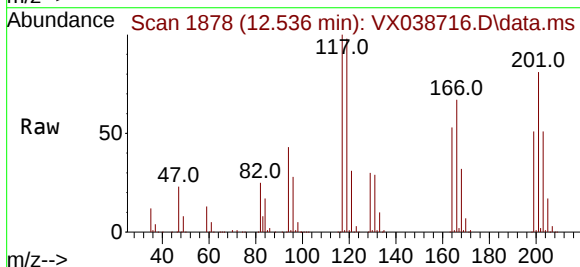
Manual Integrations
APPROVED

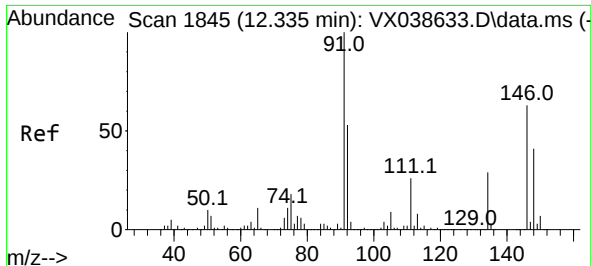
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#90
Hexachloroethane
Concen: 50.514 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

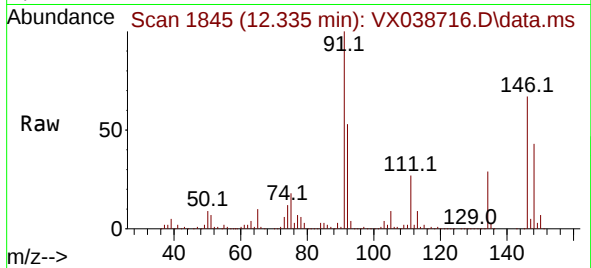
Tgt Ion:117 Resp: 122359
Ion Ratio Lower Upper
117 100
201 85.1 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 48.220 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

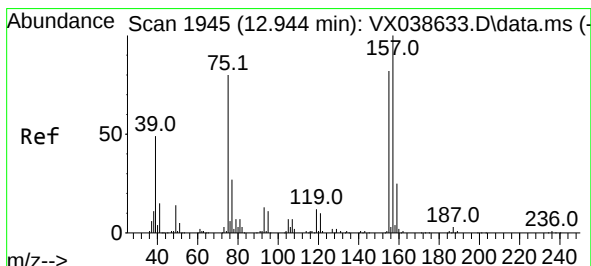
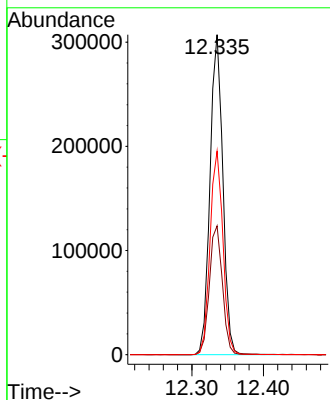
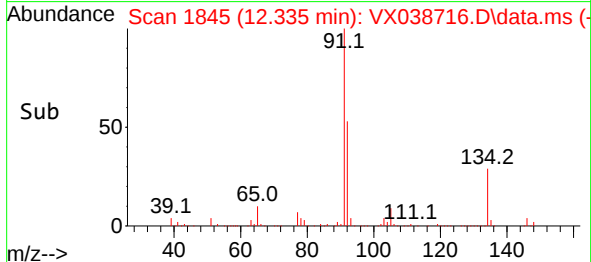
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 38119
Ion Ratio Lower Upper
146 100
111 41.0 22.4 67.0
148 64.1 31.6 95.0

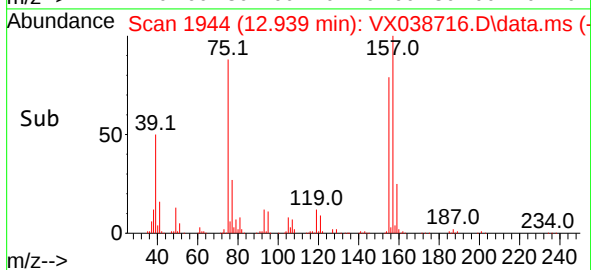
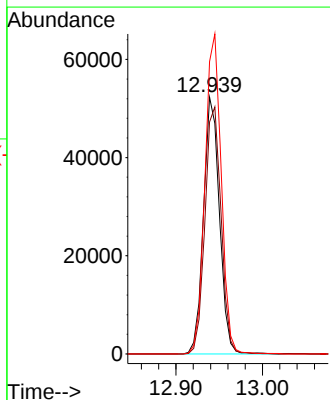
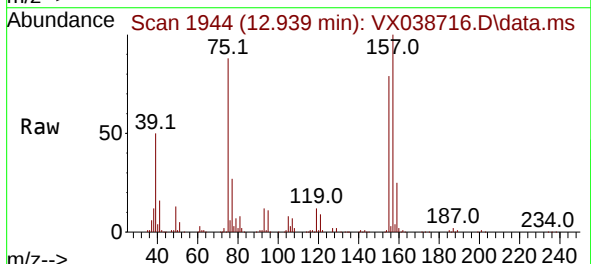
Manual Integrations
APPROVED

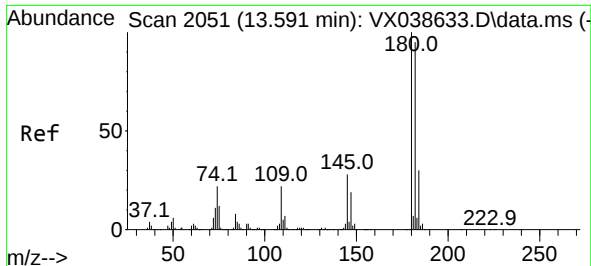
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.987 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

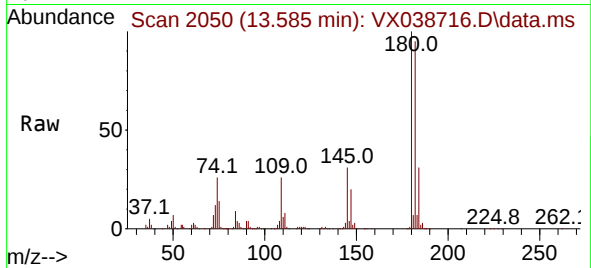
Tgt Ion: 75 Resp: 67003
Ion Ratio Lower Upper
75 100
155 97.4 36.1 108.5
157 126.6 44.9 134.7





#93
1,2,4-Trichlorobenzene
Concen: 48.306 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

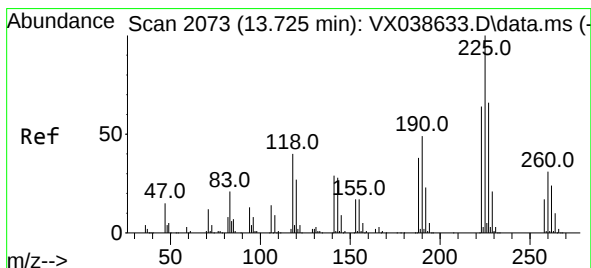
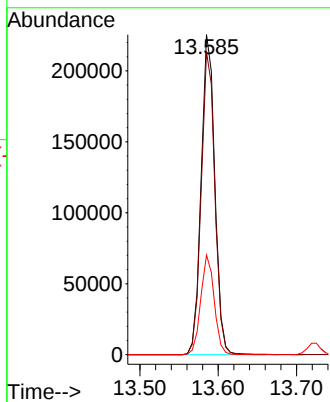
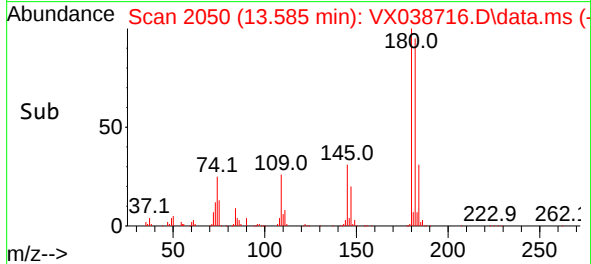
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



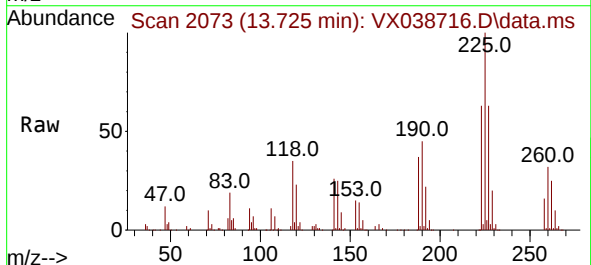
Tgt Ion:180 Resp: 27313
Ion Ratio Lower Upper
180 100
182 94.4 48.3 144.8
145 30.7 18.0 54.0

Manual Integrations
APPROVED

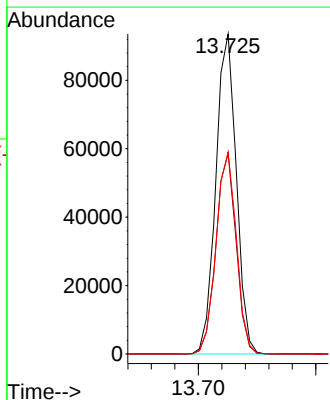
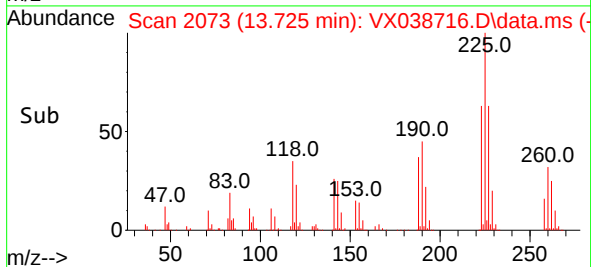
Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023

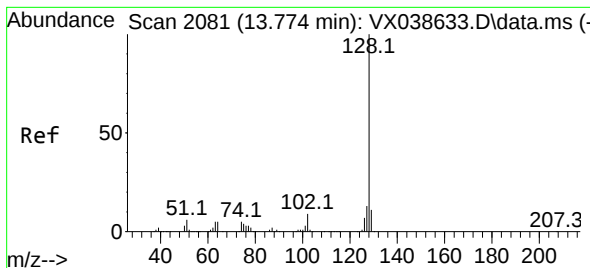


#94
Hexachlorobutadiene
Concen: 46.465 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



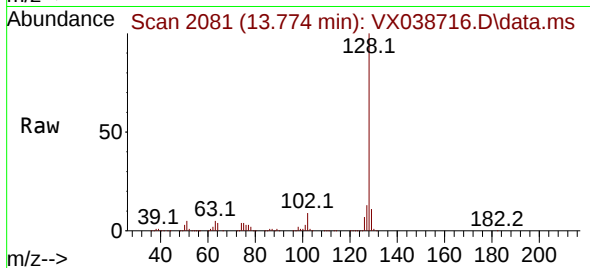
Tgt Ion:225 Resp: 113368
Ion Ratio Lower Upper
225 100
223 61.5 31.1 93.2
227 62.6 32.5 97.5





#95
Naphthalene
Concen: 51.268 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39

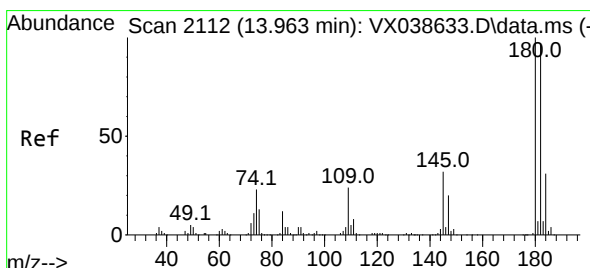
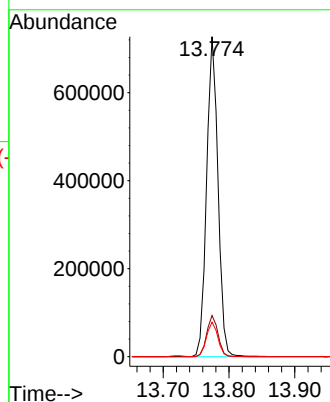
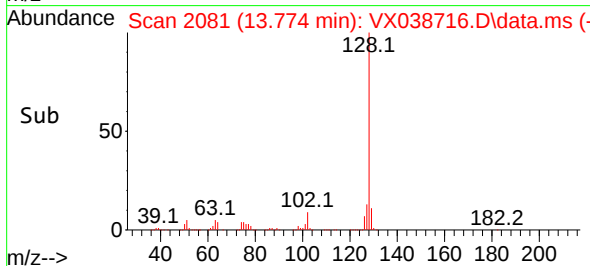
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



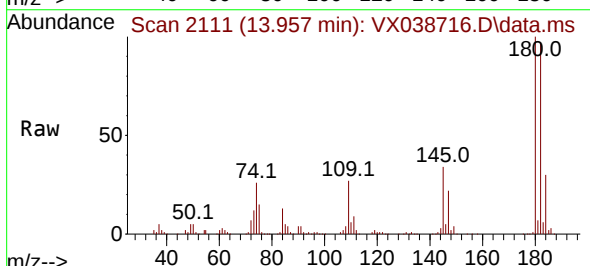
Tgt Ion:128 Resp: 874420
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 11/13/2023
Supervised By :Mahesh Dadoda 11/13/2023



#96
1,2,3-Trichlorobenzene
Concen: 48.341 ug/l
RT: 13.957 min Scan# 2111
Delta R.T. -0.006 min
Lab File: VX038716.D
Acq: 10 Nov 2023 09:39



Tgt Ion:180 Resp: 269413
Ion Ratio Lower Upper
180 100
182 96.7 46.9 140.6
145 32.6 17.8 53.5

