

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082923\
 Data File : VX037355.D
 Acq On : 29 Aug 2023 20:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2023
 Supervised By : Mahesh Dadoda 08/31/2023

Quant Time: Aug 30 02:10:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	97464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198751	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	75864	53.991	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.980%			
35) Dibromofluoromethane	5.385	113	62971	47.840	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.680%			
50) Toluene-d8	8.647	98	207345	43.426	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 86.860%#			
62) 4-Bromofluorobenzene	11.079	95	88464	47.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50611	44.703	ug/l	99
3) Chloromethane	1.300	50	64822	65.445	ug/l	98
4) Vinyl Chloride	1.374	62	60512	56.127	ug/l	100
5) Bromomethane	1.593	94	24947	46.454	ug/l	98
6) Chloroethane	1.666	64	37950	59.817	ug/l	99
7) Trichlorofluoromethane	1.874	101	83370	47.207	ug/l	99
8) Diethyl Ether	2.136	74	46342	67.824	ug/l	75
9) 1,1,2-Trichlorotrifluo...	2.319	101	44680	43.367	ug/l	97
10) Methyl Iodide	2.447	142	54453	43.486	ug/l	93
11) Tert butyl alcohol	2.977	59	112831	342.318	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	51833	51.663	ug/l	82
13) Acrolein	2.239	56	59048	235.488	ug/l	97
14) Allyl chloride	2.660	41	91117	58.675	ug/l #	90
15) Acrylonitrile	3.068	53	219654	373.365	ug/l	99
16) Acetone	2.386	43	186426	339.144	ug/l #	86
17) Carbon Disulfide	2.508	76	118612	46.478	ug/l	99
18) Methyl Acetate	2.703	43	144169	69.657	ug/l #	86
19) Methyl tert-butyl Ether	3.117	73	251876	66.194	ug/l	97
20) Methylene Chloride	2.788	84	79300	64.509	ug/l #	83
21) trans-1,2-Dichloroethene	3.087	96	63107	55.332	ug/l	87
22) Diisopropyl ether	3.763	45	204483	64.169	ug/l #	81
23) Vinyl Acetate	3.721	43	814444	333.519	ug/l #	90
24) 1,1-Dichloroethane	3.605	63	121445	60.773	ug/l	97
25) 2-Butanone	4.562	43	292167	352.996	ug/l #	86
26) 2,2-Dichloropropane	4.471	77	69676	39.042	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	83395	62.024	ug/l	84
28) Bromochloromethane	4.897	49	55980	62.709	ug/l #	72
29) Tetrahydrofuran	5.007	42	185303	351.063	ug/l #	82
30) Chloroform	5.092	83	138717	61.838	ug/l	97
31) Cyclohexane	5.470	56	70427	44.576	ug/l	85
32) 1,1,1-Trichloroethane	5.385	97	107758	53.605	ug/l	96
36) 1,1-Dichloropropene	5.690	75	78084	41.754	ug/l	97
37) Ethyl Acetate	4.714	43	109876	57.518	ug/l #	93
38) Carbon Tetrachloride	5.678	117	85979	42.325	ug/l	99
39) Methylcyclohexane	7.379	83	77363	39.375	ug/l	91
40) Benzene	6.037	78	283214	52.805	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	59092	59.504	ug/l #	88
42) 1,2-Dichloroethane	6.086	62	114168	54.281	ug/l	94
43) Isopropyl Acetate	6.342	43	173521	57.214	ug/l #	91
44) Trichloroethene	7.129	130	70123	46.109	ug/l	91
45) 1,2-Dichloropropane	7.427	63	74070	56.010	ug/l	99
46) Dibromomethane	7.580	93	58987	56.620	ug/l	93
47) Bromodichloromethane	7.824	83	110281	55.266	ug/l	97
48) Methyl methacrylate	7.696	41	86039	58.172	ug/l #	83
49) 1,4-Dioxane	7.665	88	52071	1307.223	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	568071	308.463	ug/l	89
52) Toluene	8.720	92	184919	52.183	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	114825	54.044	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	122201	53.223	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	87234	60.454	ug/l	98
56) Ethyl methacrylate	9.116	69	137816	60.975	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	143138	58.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	314557	290.004	ug/l	91
59) 2-Hexanone	9.433	43	437323	311.442	ug/l	86
60) Dibromochloromethane	9.525	129	91491	59.551	ug/l	99
61) 1,2-Dibromoethane	9.610	107	94007	59.503	ug/l	99
64) Tetrachloroethene	9.275	164	52600	36.315	ug/l	99
65) Chlorobenzene	10.079	112	208031	49.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	81331	52.512	ug/l	99
67) Ethyl Benzene	10.195	91	343722	46.549	ug/l	100
68) m/p-Xylenes	10.299	106	267156	93.688	ug/l	98
69) o-Xylene	10.640	106	142529	50.661	ug/l	98
70) Styrene	10.659	104	243522	52.548	ug/l	97
71) Bromoform	10.799	173	66959	57.797	ug/l #	100
73) Isopropylbenzene	10.963	105	327946	44.989	ug/l	98
74) N-amyl acetate	10.841	43	153623	54.237	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	140969	57.423	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	115582m	54.116	ug/l	
77) Bromobenzene	11.195	156	93068	52.277	ug/l	91
78) n-propylbenzene	11.305	91	359763	44.322	ug/l	98
79) 2-Chlorotoluene	11.366	91	250940	48.378	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	289895	47.674	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	36828	48.160	ug/l	88
82) 4-Chlorotoluene	11.457	91	282408	47.165	ug/l	98
83) tert-Butylbenzene	11.713	119	288080	49.676	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	302036	49.148	ug/l	97
85) sec-Butylbenzene	11.890	105	314739	46.465	ug/l	99
86) p-Isopropyltoluene	12.012	119	274833	47.132	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	160382	48.118	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	162738	47.258	ug/l	99
89) n-Butylbenzene	12.335	91	213365	44.134	ug/l	99
90) Hexachloroethane	12.536	117	49373	50.729	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	170962	52.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33817	59.284	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	94663	49.569	ug/l	97
94) Hexachlorobutadiene	13.725	225	30424	41.238	ug/l	98
95) Naphthalene	13.774	128	400296	47.851	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	102063	53.793	ug/l	99

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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

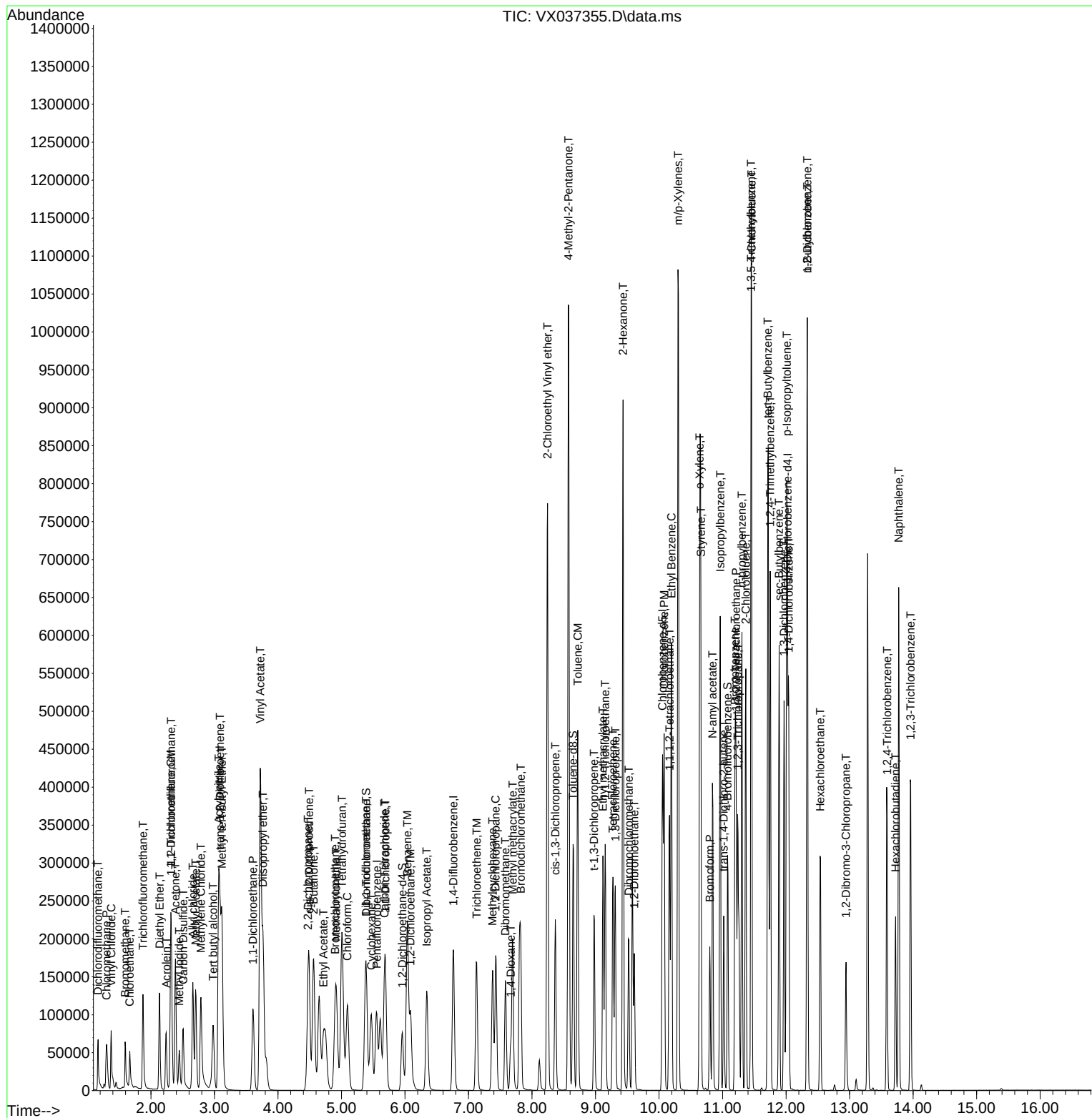
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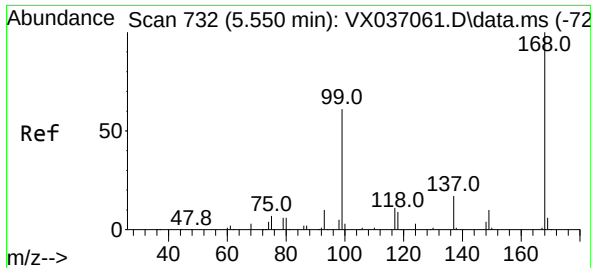
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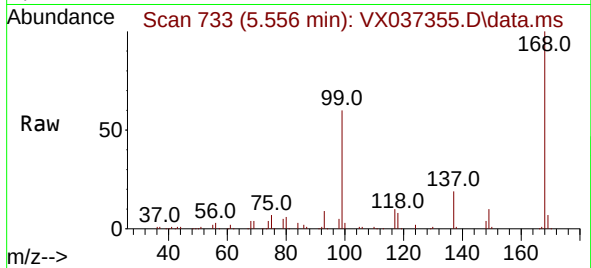
Reviewed By : John Carlone 08/30/2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
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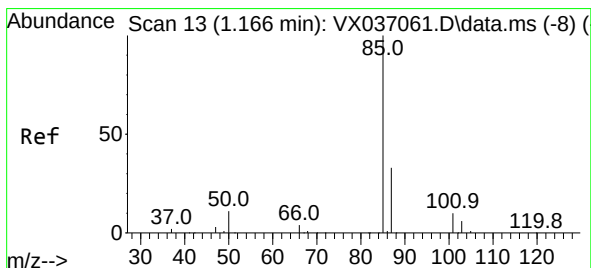
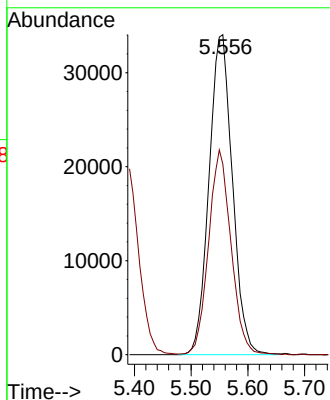
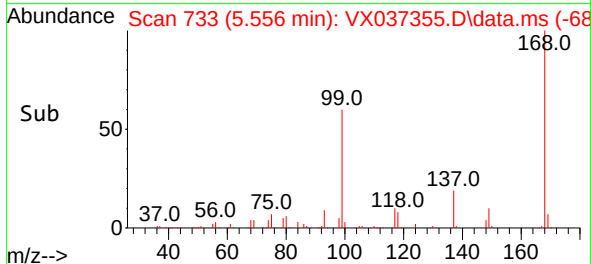
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MSVOA_X
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Tgt Ion:168 Resp: 97464
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0

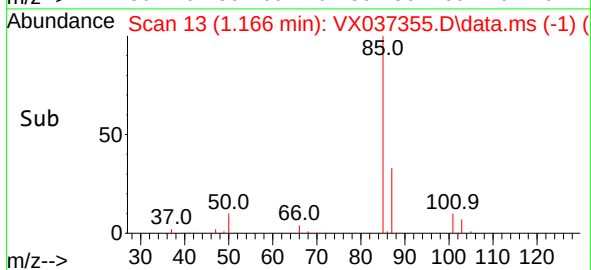
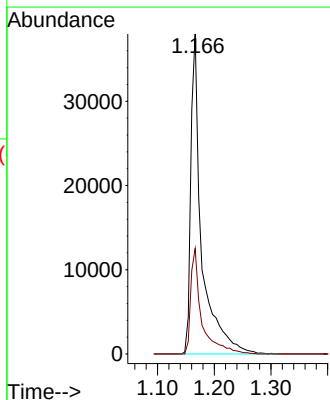
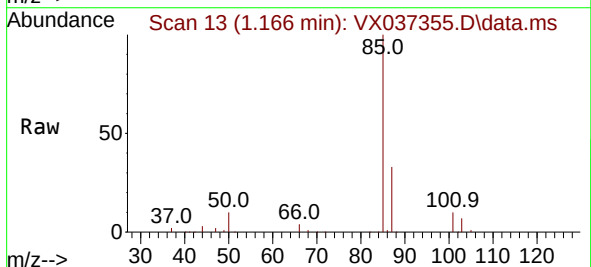
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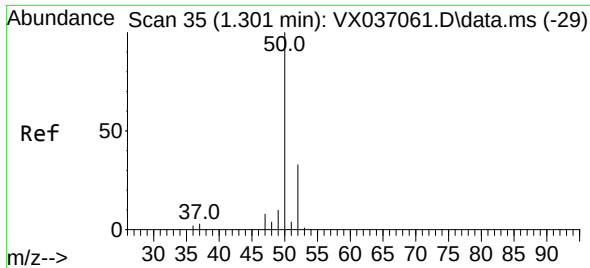
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#2
Dichlorodifluoromethane
Concen: 44.703 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Tgt Ion: 85 Resp: 50611
Ion Ratio Lower Upper
85 100
87 32.9 16.7 50.1





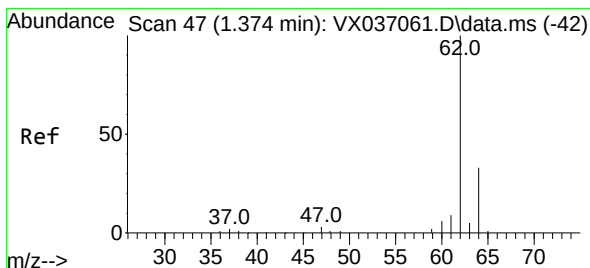
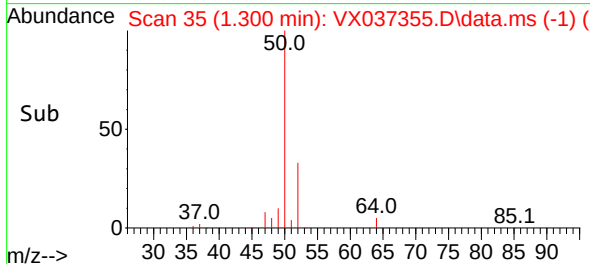
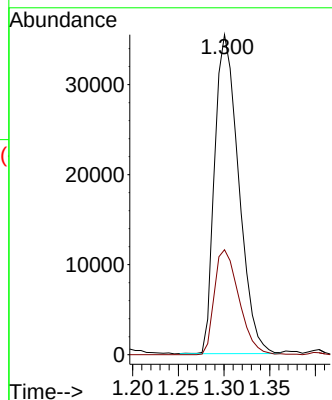
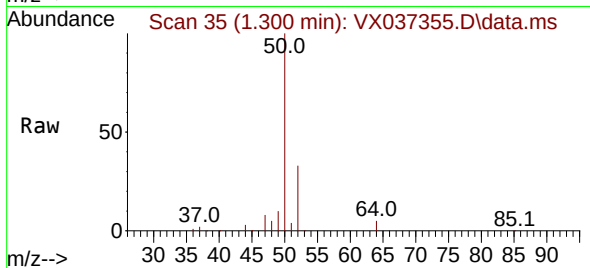
#3
Chloromethane
Concen: 65.445 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX037355.D
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Tgt Ion: 50 Resp: 6482
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3

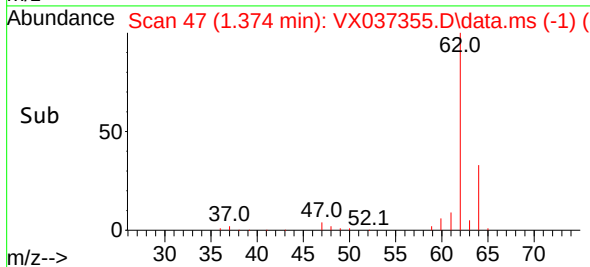
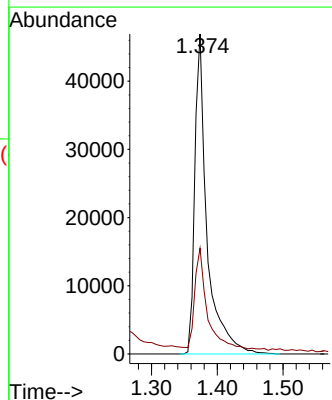
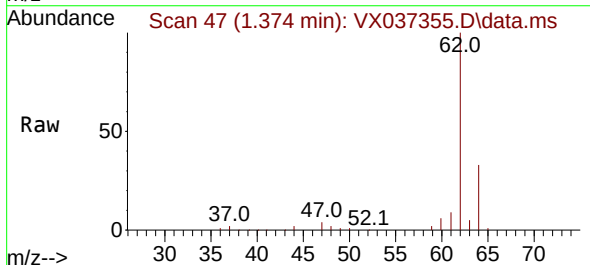
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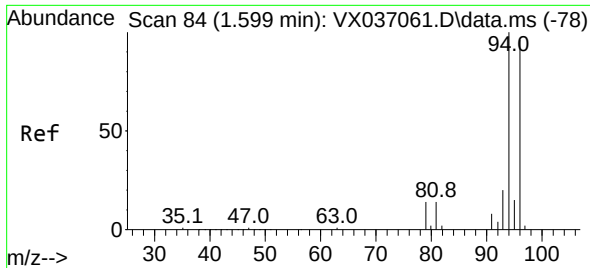
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#4
Vinyl Chloride
Concen: 56.127 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037355.D
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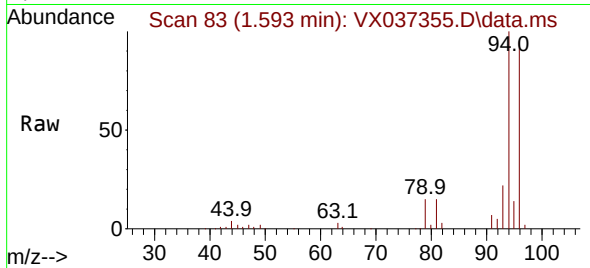
Tgt Ion: 62 Resp: 60512
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 46.454 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
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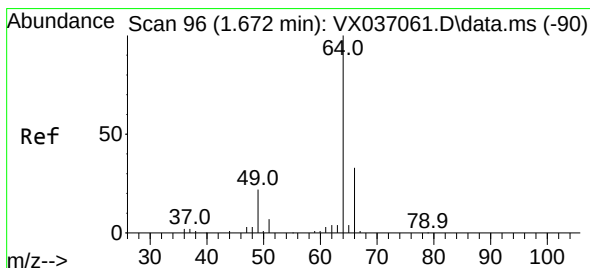
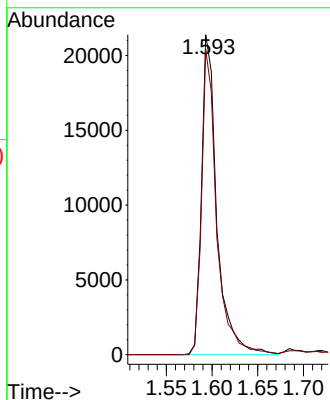
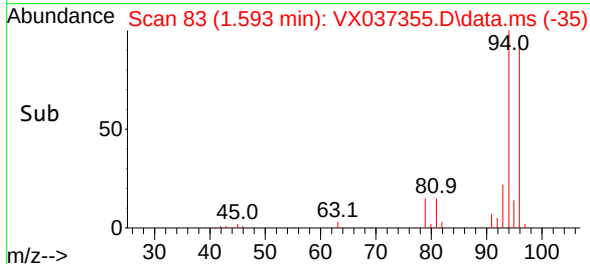
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Tgt Ion: 94 Resp: 2494
Ion Ratio Lower Upper
94 100
96 95.4 74.6 111.8

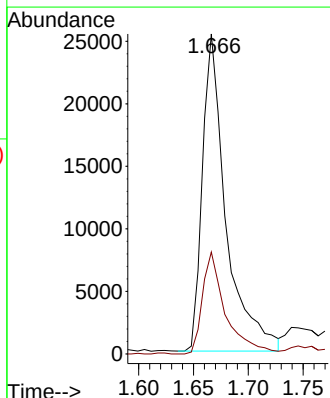
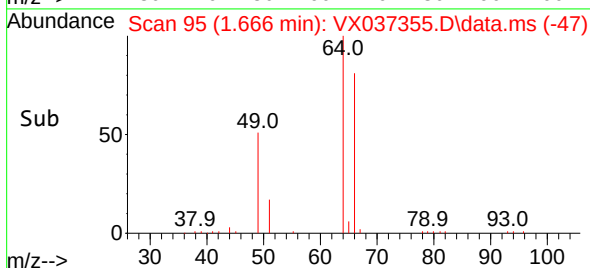
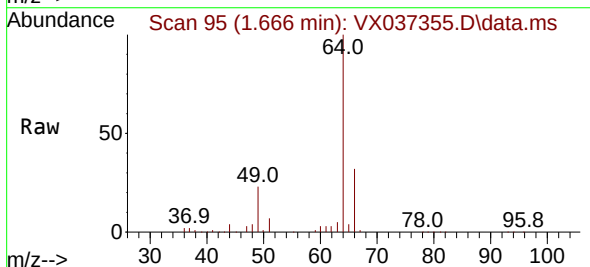
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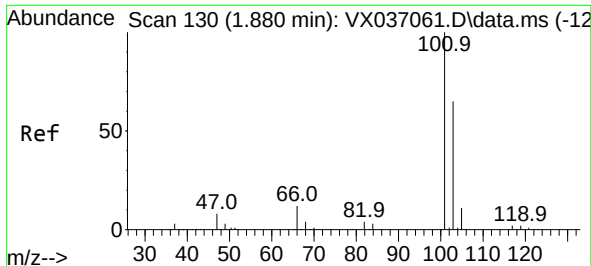
Reviewed By :John Carlone 08/30/2023
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#6
Chloroethane
Concen: 59.817 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037355.D
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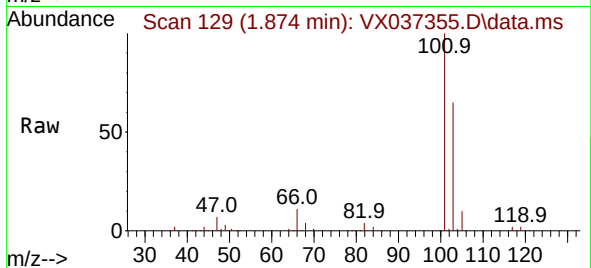
Tgt Ion: 64 Resp: 37950
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7





#7
Trichlorofluoromethane
Concen: 47.207 ug/l
RT: 1.874 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

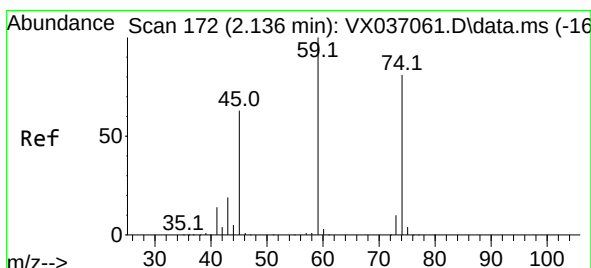
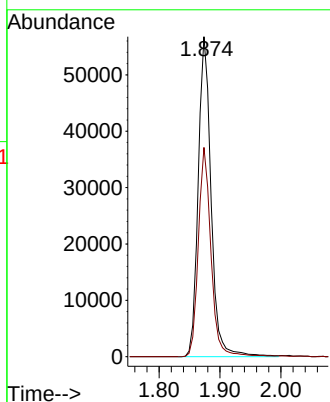
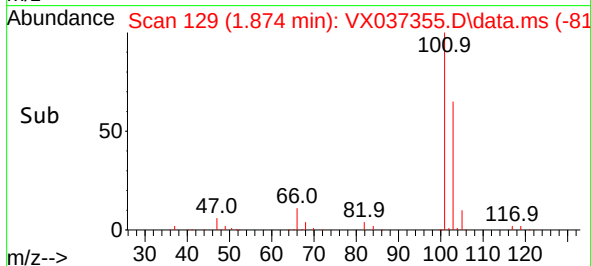
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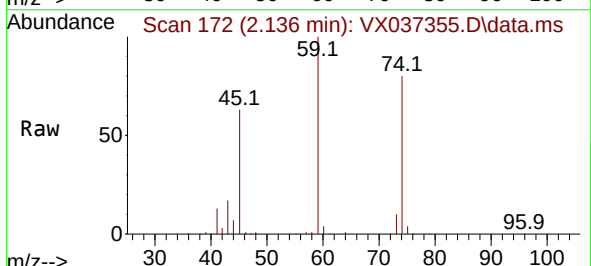
Tgt Ion:101 Resp: 83370
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.2

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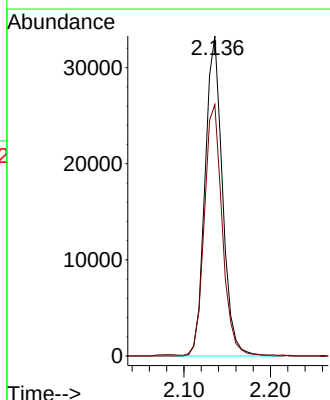
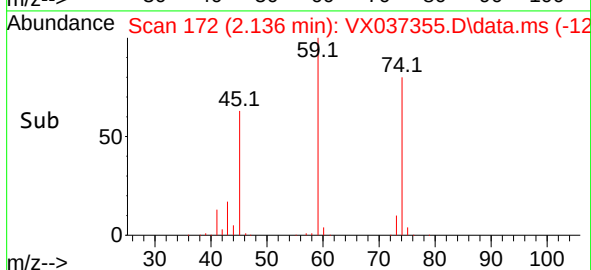
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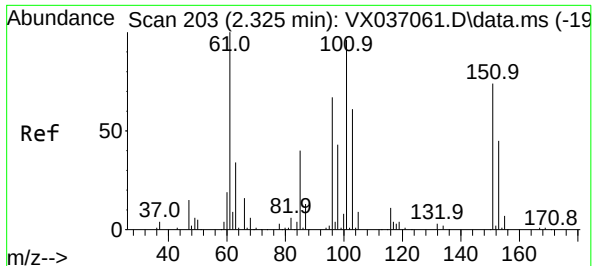


#8
Diethyl Ether
Concen: 67.824 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 46342
Ion Ratio Lower Upper
74 100
45 80.2 53.3 159.8





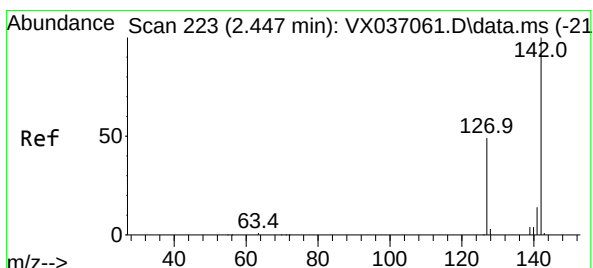
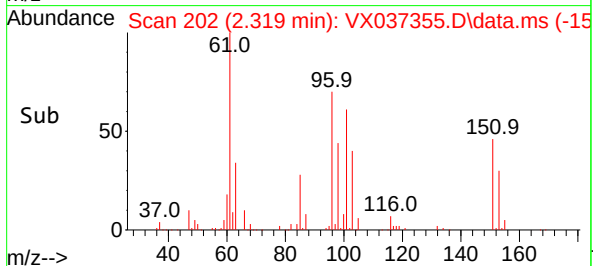
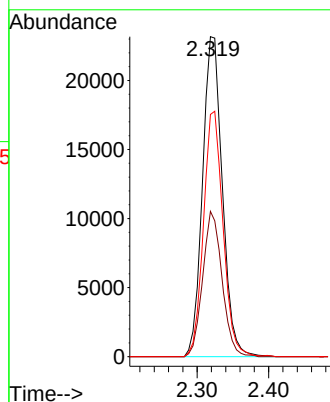
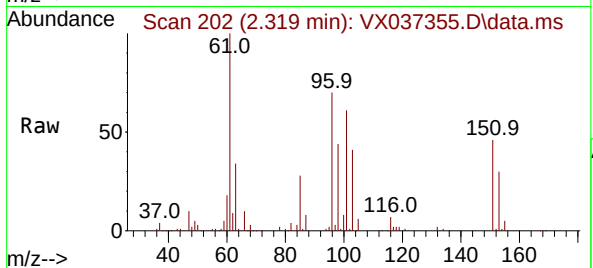
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.367 ug/l
RT: 2.319 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 44680
Ion Ratio Lower Upper
101 100
85 44.3 37.0 55.6
151 75.7 58.6 87.8

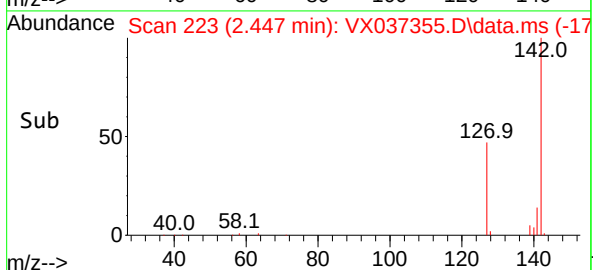
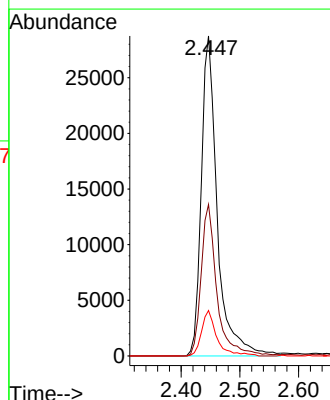
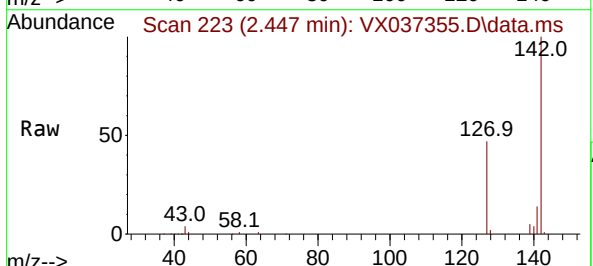
Manual Integrations
APPROVED

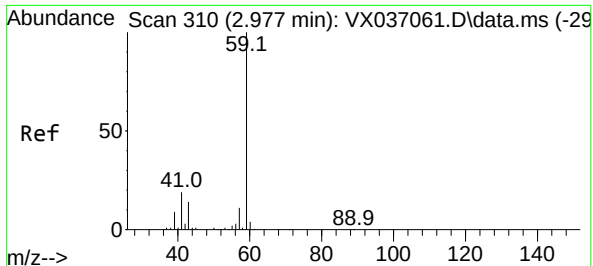
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#10
Methyl Iodide
Concen: 43.486 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

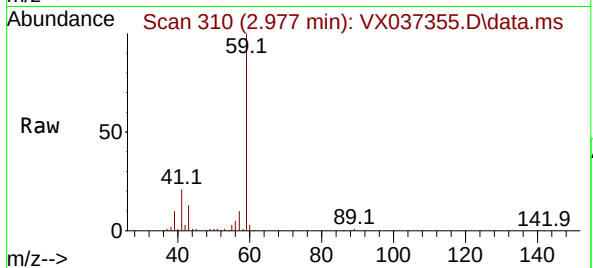
Tgt Ion:142 Resp: 54453
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 13.6 11.6 17.4





#11
Tert butyl alcohol
Concen: 342.318 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

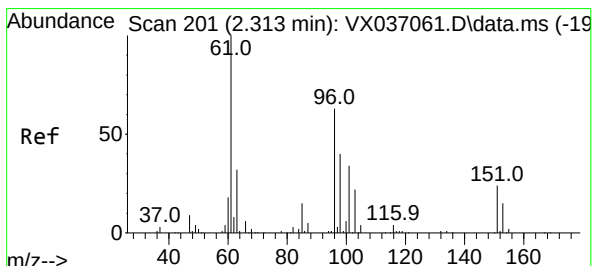
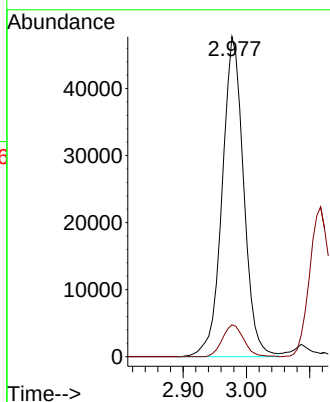
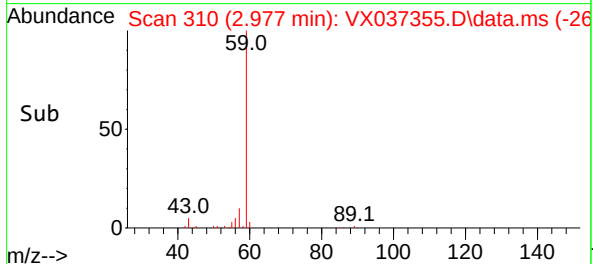
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



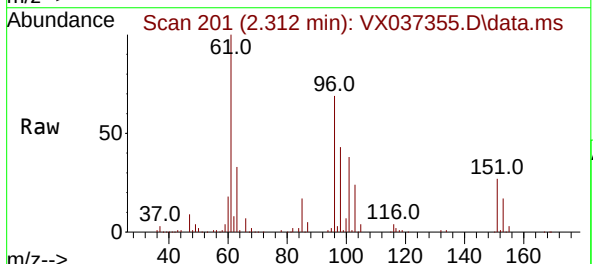
Tgt Ion: 59 Resp: 11283
Ion Ratio Lower Upper
59 100
57 9.9 6.0 9.0

Manual Integrations
APPROVED

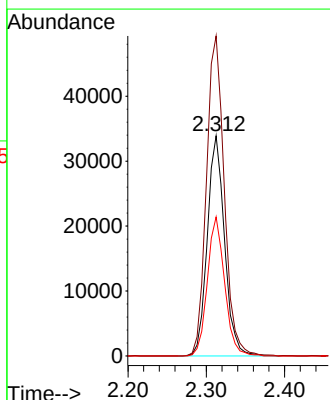
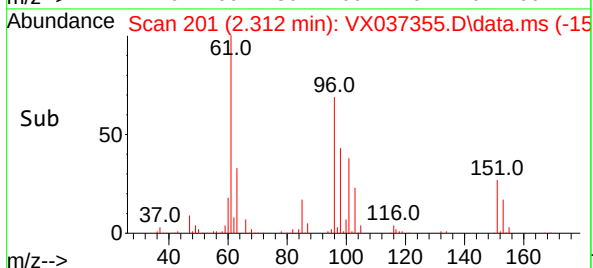
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

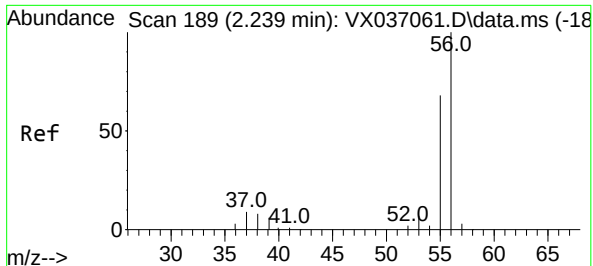


#12
1,1-Dichloroethene
Concen: 51.663 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



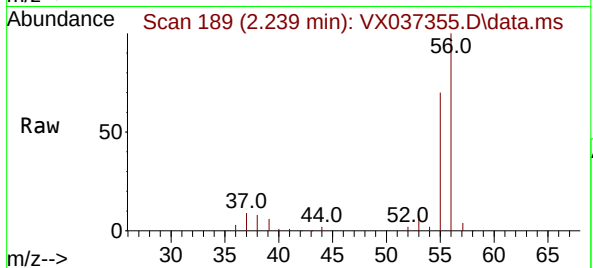
Tgt Ion: 96 Resp: 51833
Ion Ratio Lower Upper
96 100
61 145.3 144.6 216.8
98 63.1 50.4 75.6





#13
Acrolein
Concen: 235.488 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

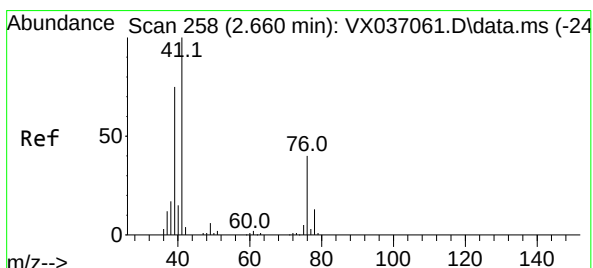
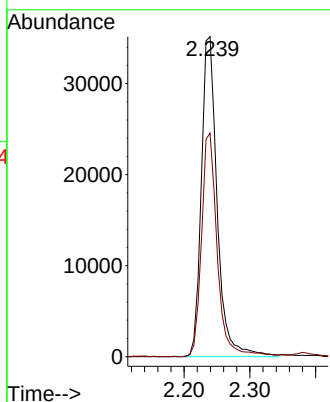
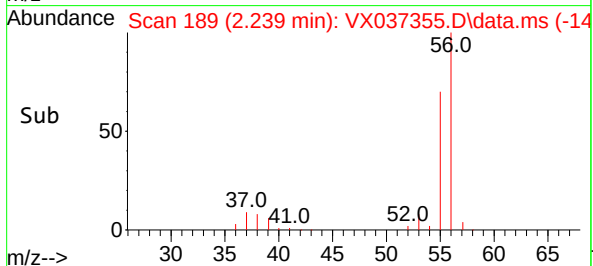
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 59048
Ion Ratio Lower Upper
56 100
55 69.2 57.1 85.7

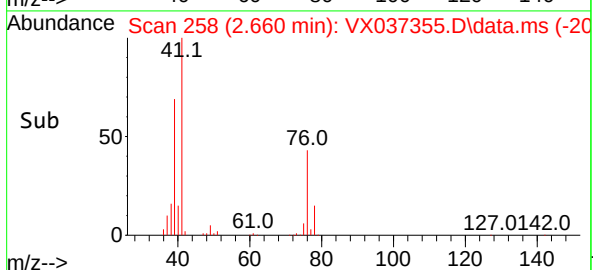
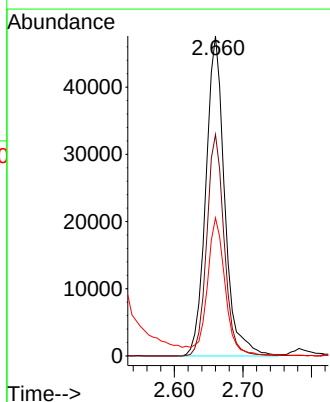
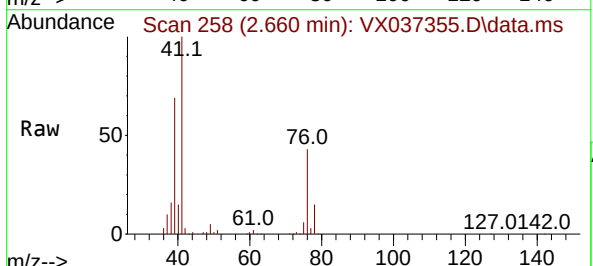
Manual Integrations
APPROVED

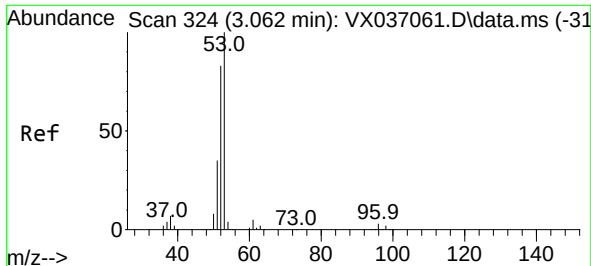
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#14
Allyl chloride
Concen: 58.675 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Tgt Ion: 41 Resp: 91117
Ion Ratio Lower Upper
41 100
39 63.8 55.8 83.6
76 39.7 24.3 36.5





#15

Acrylonitrile

Concen: 373.365 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX037355.D

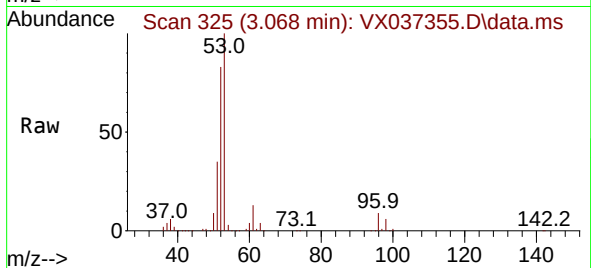
Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



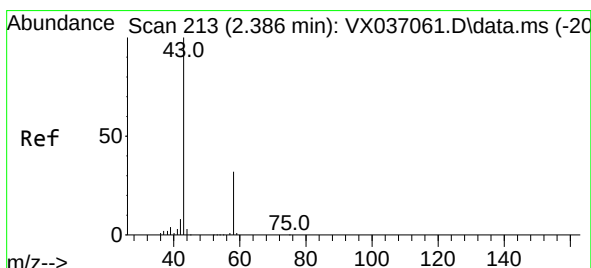
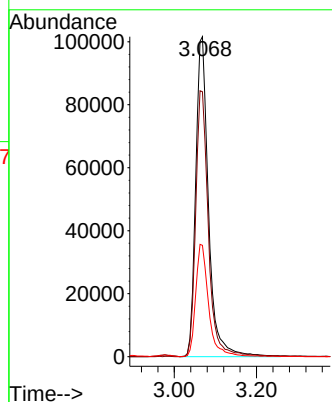
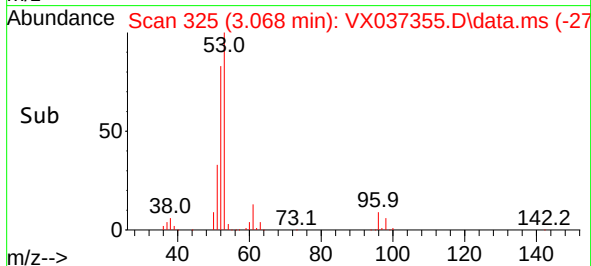
Tgt Ion:	53	Resp:	219654
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.0	99.0
51	35.8	29.8	44.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#16

Acetone

Concen: 339.144 ug/l

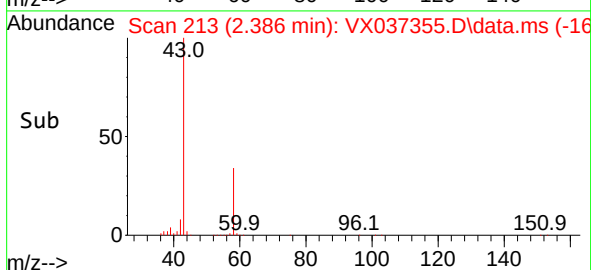
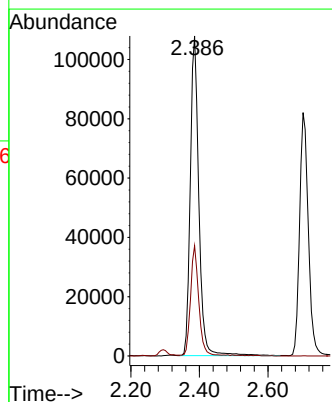
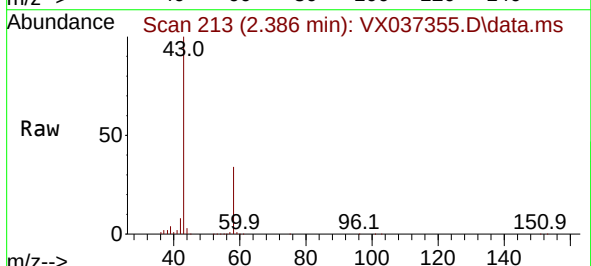
RT: 2.386 min Scan# 213

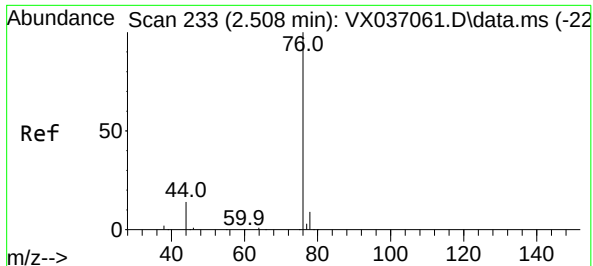
Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

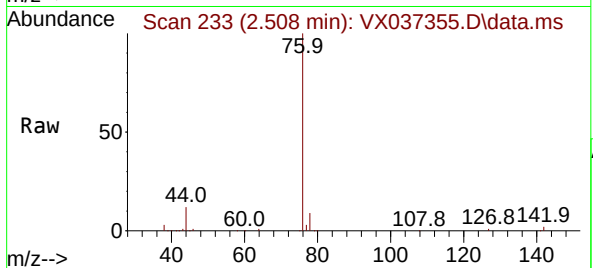
Tgt Ion:	43	Resp:	186426
Ion	Ratio	Lower	Upper
43	100		
58	34.5	21.9	32.9





#17
Carbon Disulfide
Concen: 46.478 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

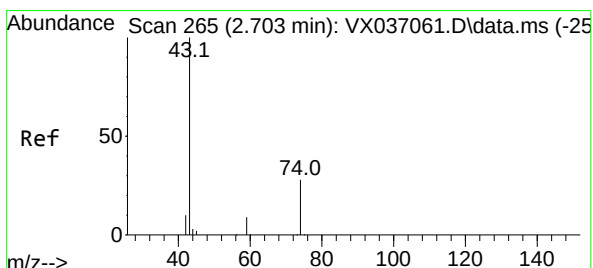
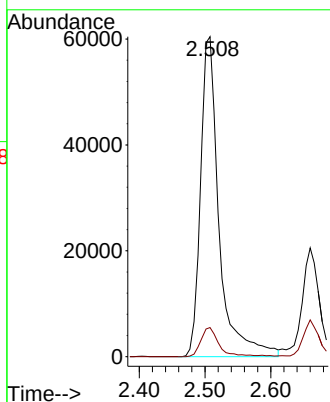
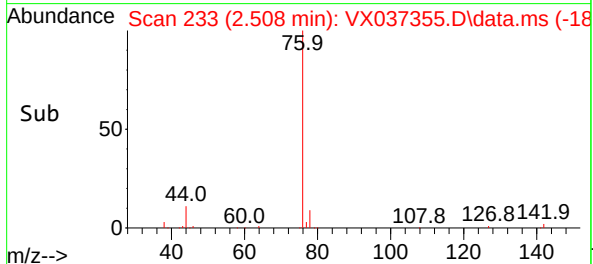
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



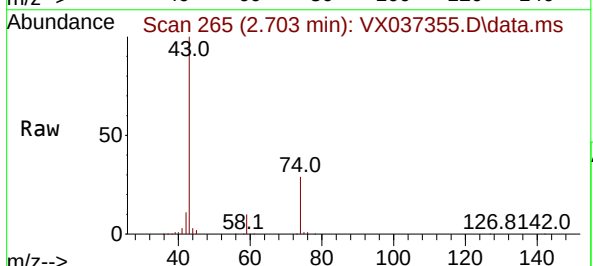
Tgt Ion: 76 Resp: 118612
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6

Manual Integrations
APPROVED

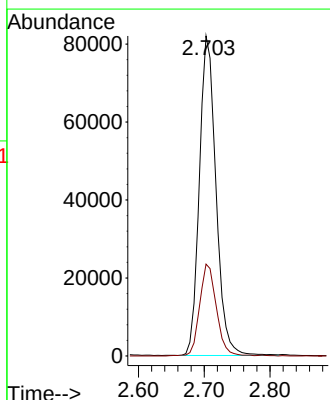
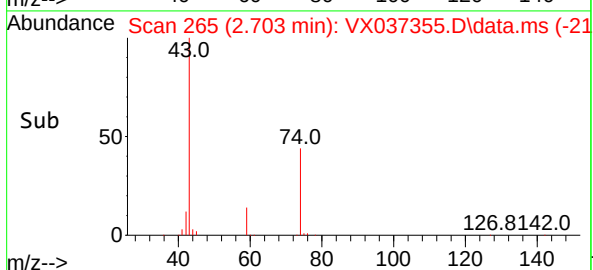
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

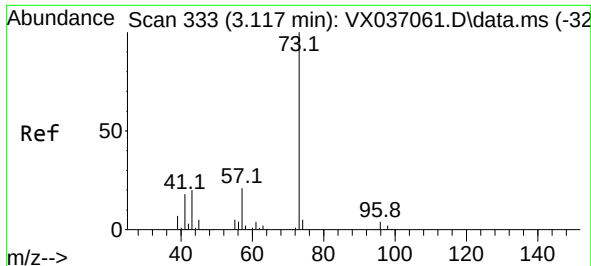


#18
Methyl Acetate
Concen: 69.657 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



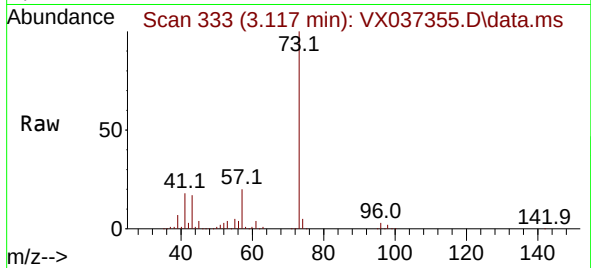
Tgt Ion: 43 Resp: 144169
Ion Ratio Lower Upper
43 100
74 29.0 17.8 26.8#





#19
Methyl tert-butyl Ether
Concen: 66.194 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

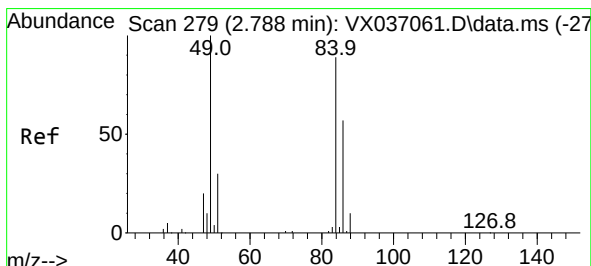
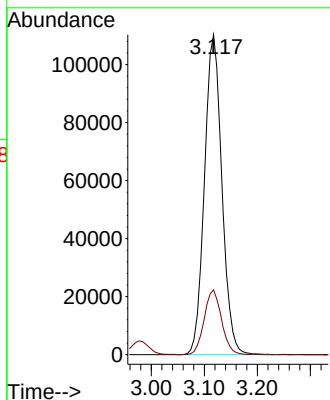
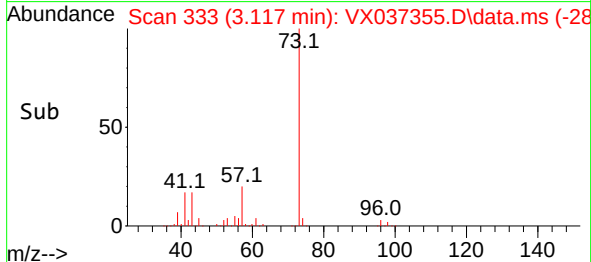
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 251870
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9

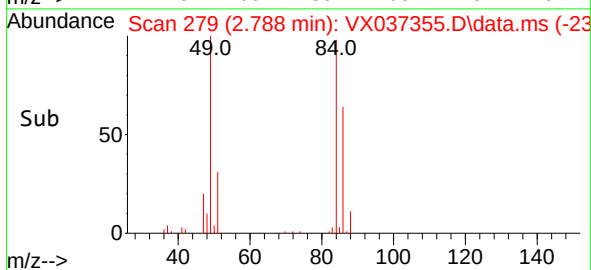
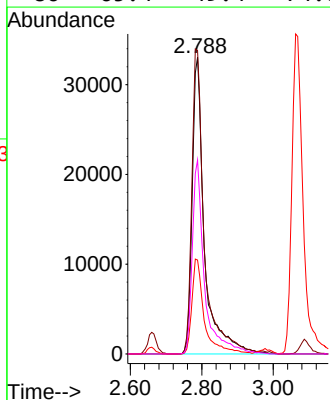
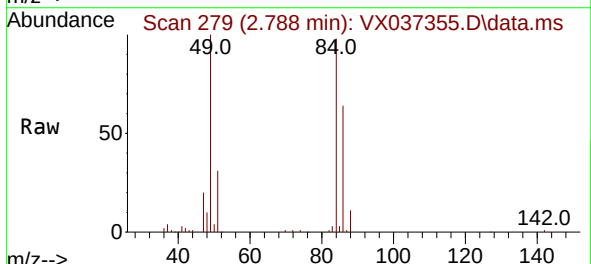
Manual Integrations
APPROVED

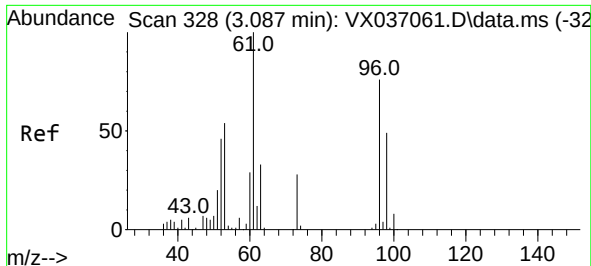
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#20
Methylene Chloride
Concen: 64.509 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

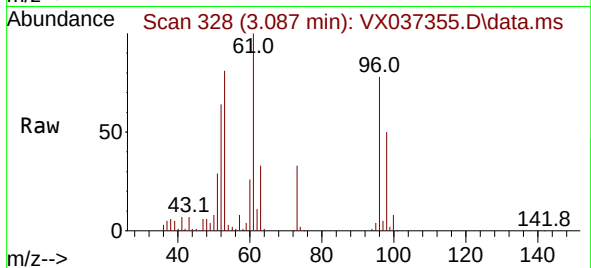
Tgt Ion: 84 Resp: 79300
Ion Ratio Lower Upper
84 100
49 102.3 103.6 155.4#
51 31.7 33.8 50.6#
86 65.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 55.332 ug/l
RT: 3.087 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

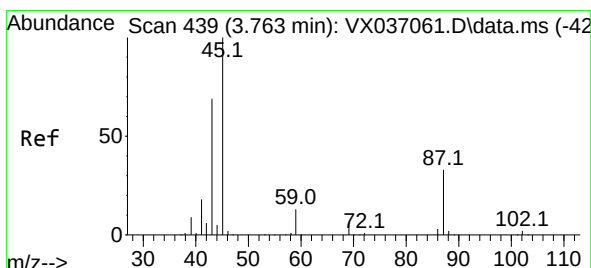
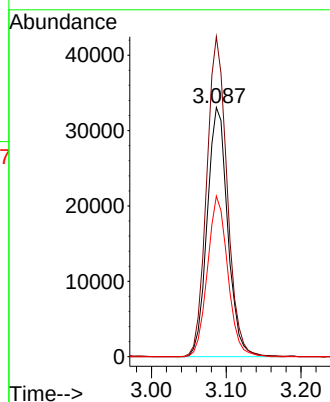
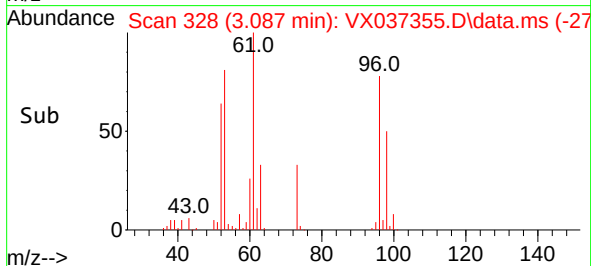
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6310
Ion Ratio Lower Upper
96 100
61 128.4 119.2 178.8
98 64.5 48.7 73.1

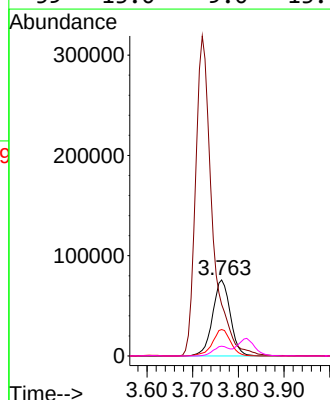
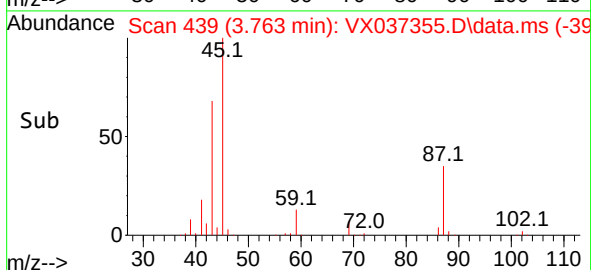
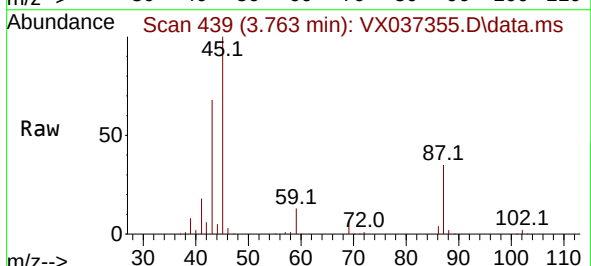
Manual Integrations
APPROVED

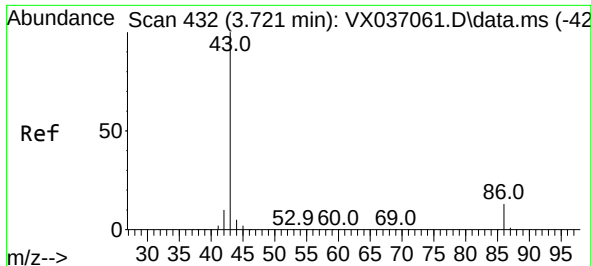
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#22
Diisopropyl ether
Concen: 64.169 ug/l
RT: 3.763 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

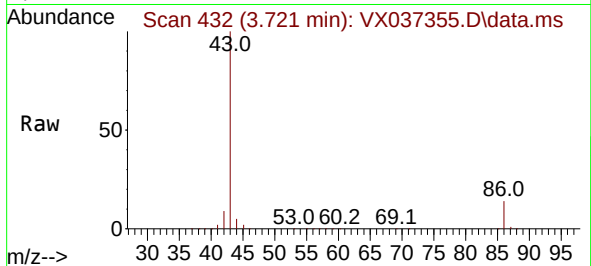
Tgt Ion: 45 Resp: 204483
Ion Ratio Lower Upper
45 100
43 67.6 69.7 104.5#
87 34.8 20.8 31.2#
59 13.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 333.519 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX037355.D
 Acq: 29 Aug 2023 20:56

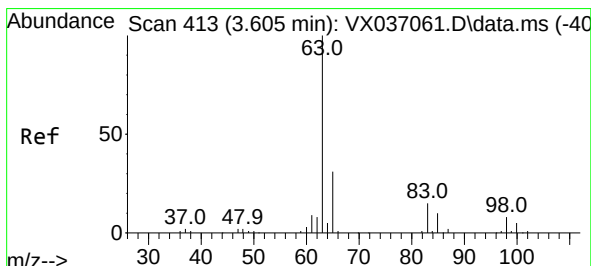
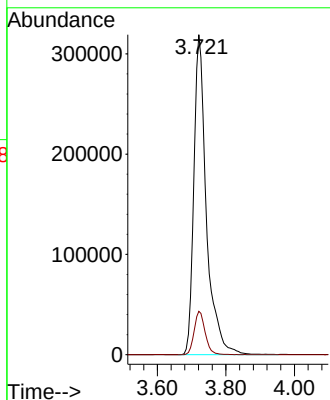
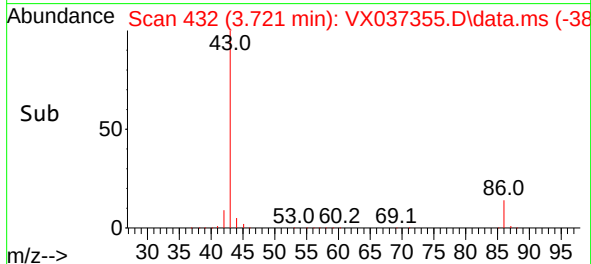
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 81444
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.8 11.8

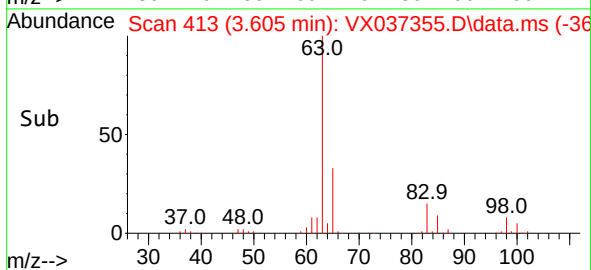
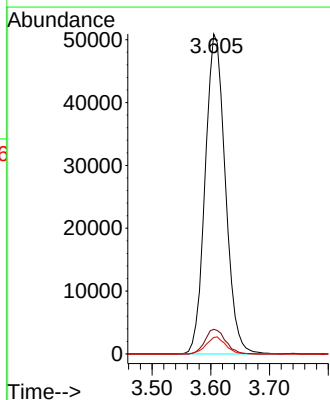
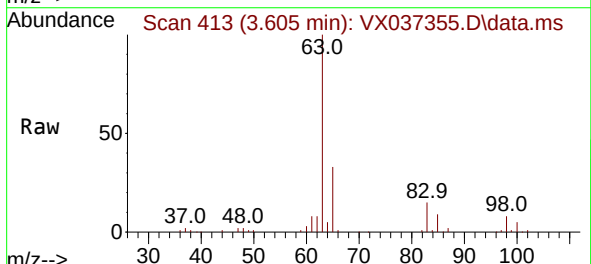
Manual Integrations
 APPROVED

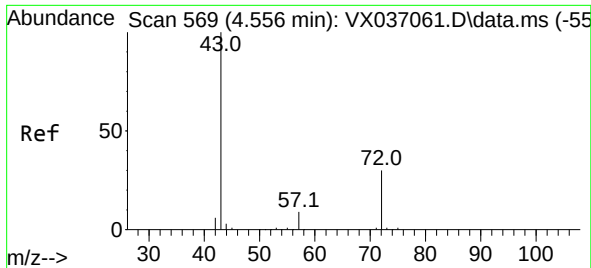
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023



#24
 1,1-Dichloroethane
 Concen: 60.773 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037355.D
 Acq: 29 Aug 2023 20:56

Tgt Ion: 63 Resp: 121445
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.3 9.8
 100 5.2 2.1 6.5





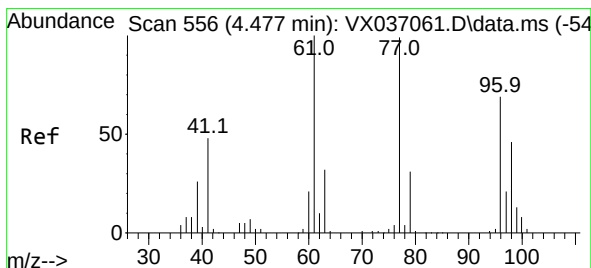
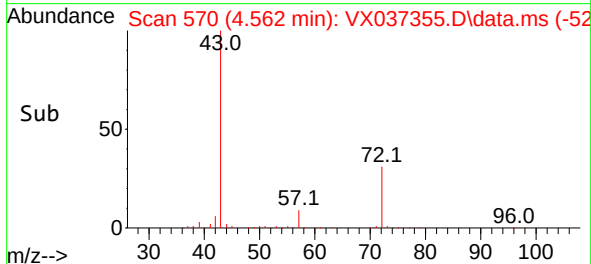
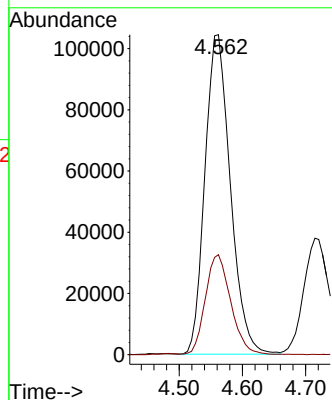
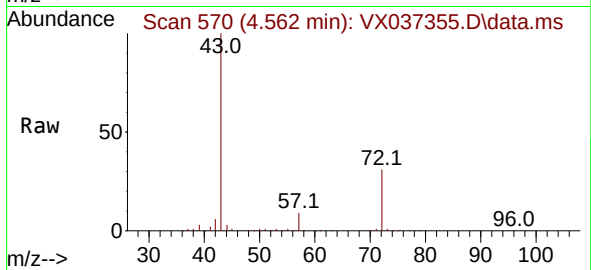
#25
2-Butanone
Concen: 352.996 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 29216
Ion Ratio Lower Upper
43 100
72 31.1 19.4 29.2

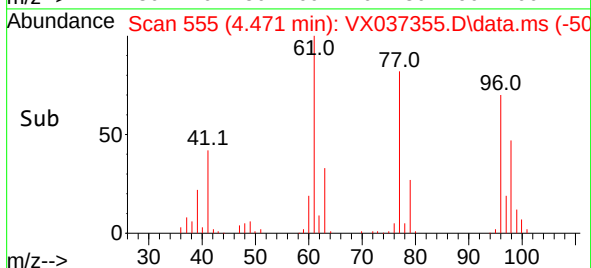
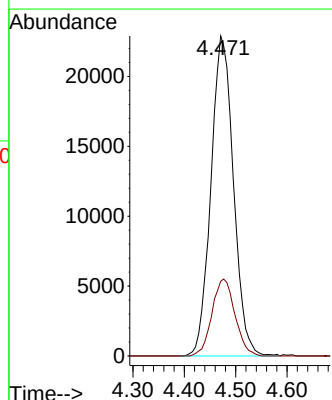
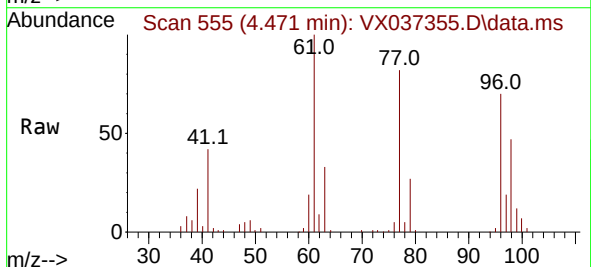
Manual Integrations
APPROVED

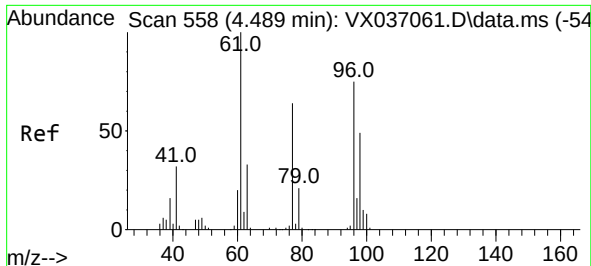
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#26
2,2-Dichloropropane
Concen: 39.042 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

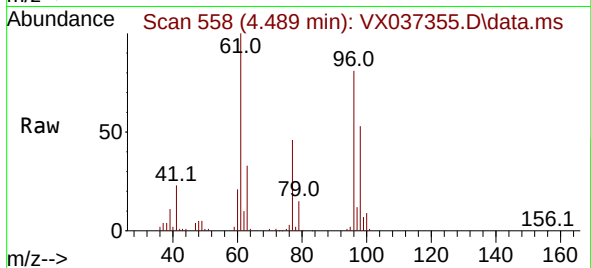
Tgt Ion: 77 Resp: 69676
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 62.024 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. -0.000 min
 Lab File: VX037355.D
 Acq: 29 Aug 2023 20:56

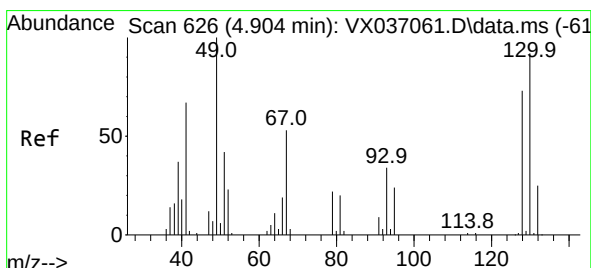
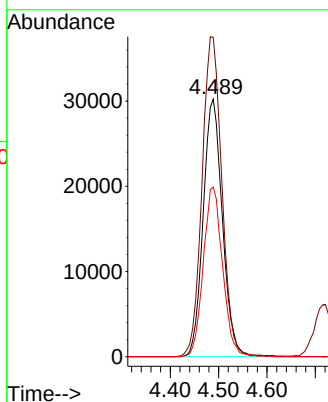
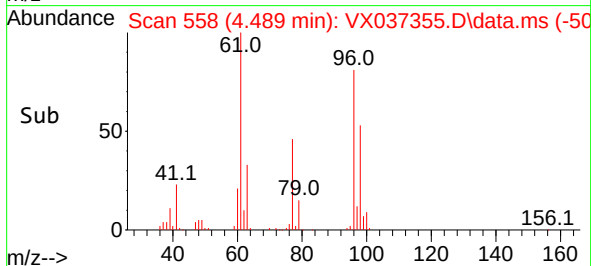
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 8339
 Ion Ratio Lower Upper
 96 100
 61 128.5 0.0 312.2
 98 66.0 0.0 129.0

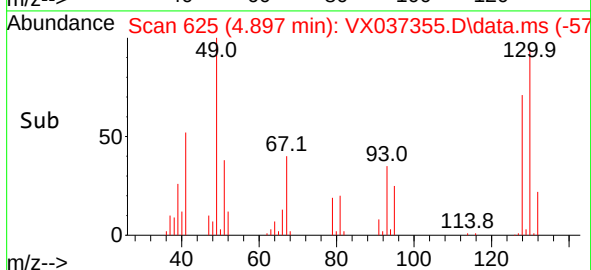
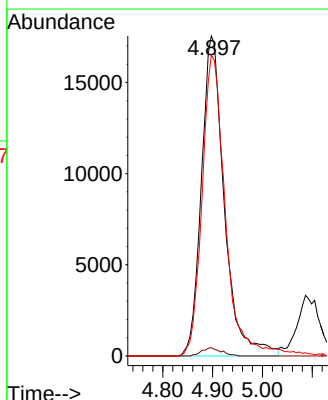
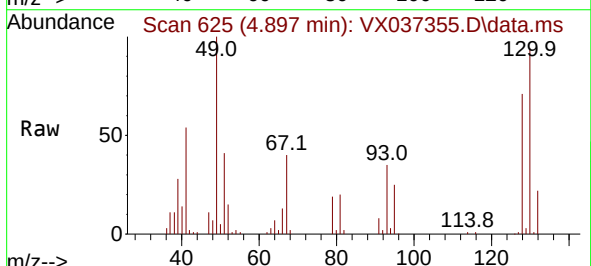
Manual Integrations
 APPROVED

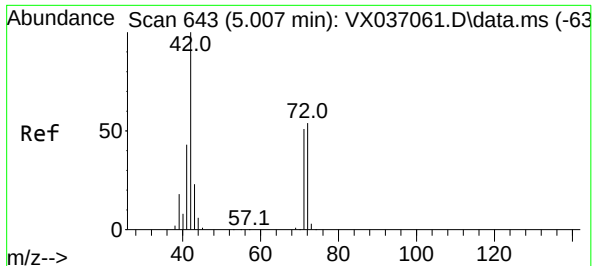
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023



#28
 Bromochloromethane
 Concen: 62.709 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX037355.D
 Acq: 29 Aug 2023 20:56

Tgt Ion: 49 Resp: 55980
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 3.8
 130 96.1 57.5 86.3#





#29

Tetrahydrofuran

Concen: 351.063 ug/l

RT: 5.007 min Scan# 643

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 18530

Ion Ratio Lower Upper

42 100

72 54.9 34.2 51.4

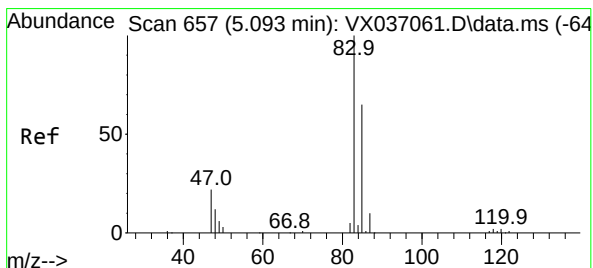
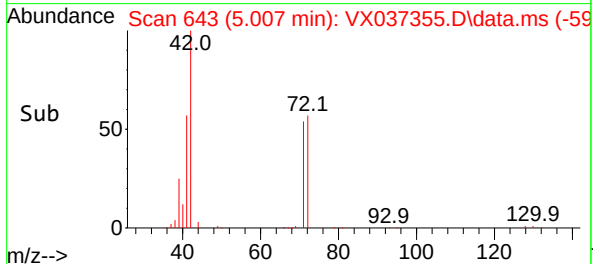
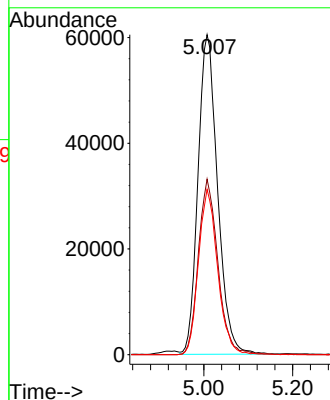
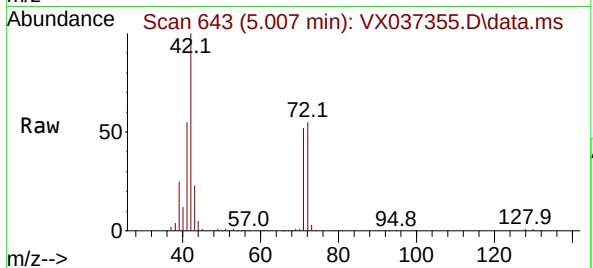
71 50.9 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#30

Chloroform

Concen: 61.838 ug/l

RT: 5.092 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX037355.D

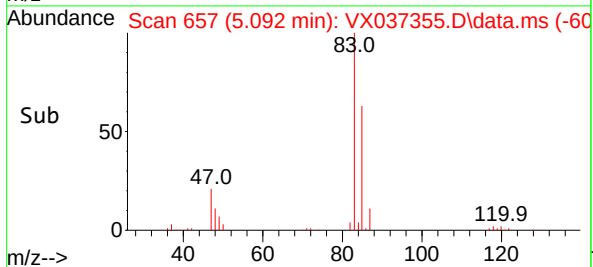
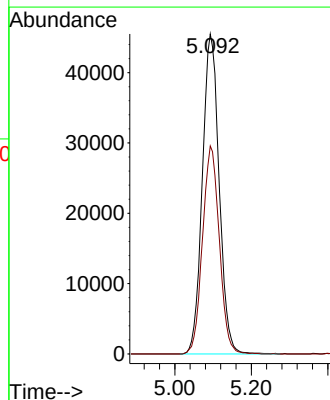
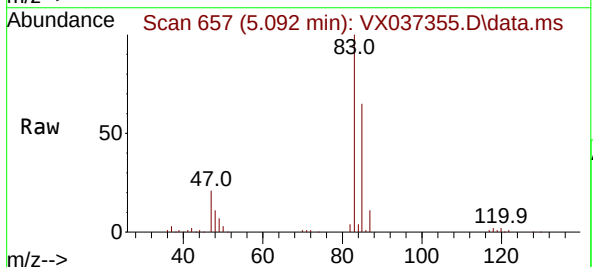
Acq: 29 Aug 2023 20:56

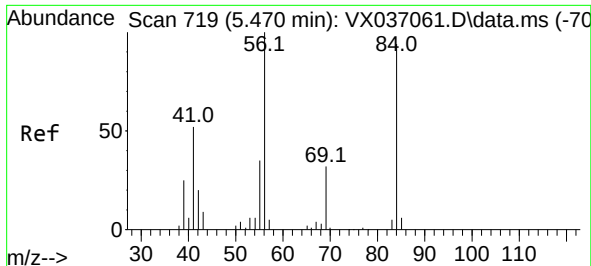
Tgt Ion: 83 Resp: 138717

Ion Ratio Lower Upper

83 100

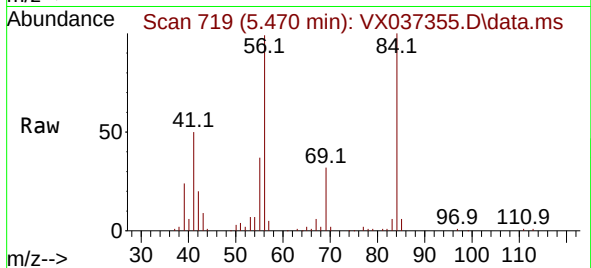
85 65.0 50.3 75.5





#31
Cyclohexane
Concen: 44.576 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

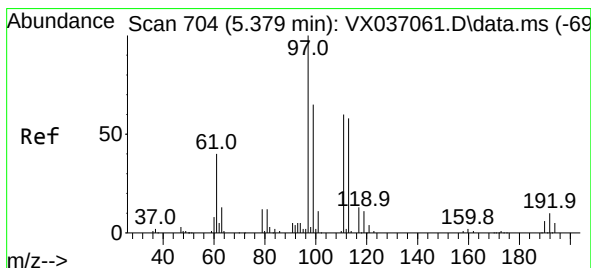
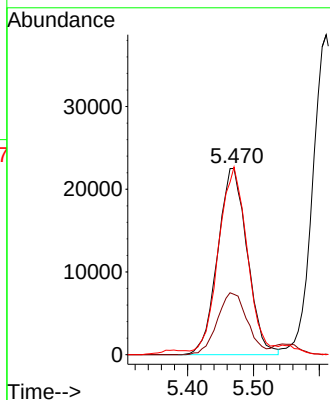
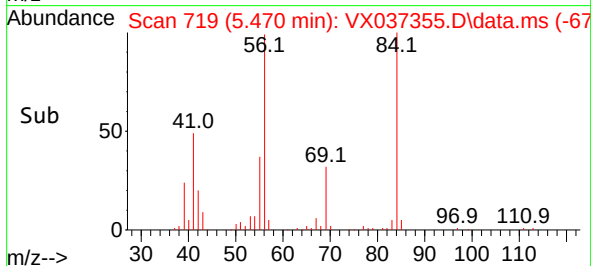
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



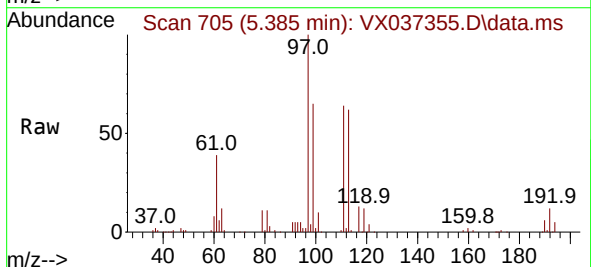
Tgt Ion: 56 Resp: 7042
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 98.6 65.9 98.9

Manual Integrations
APPROVED

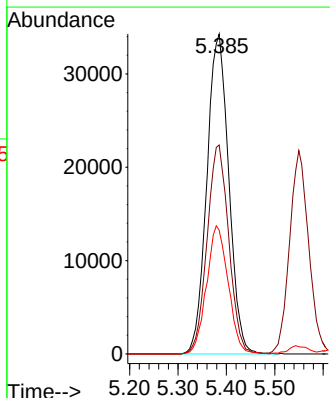
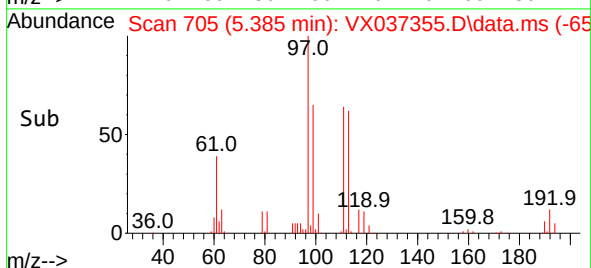
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

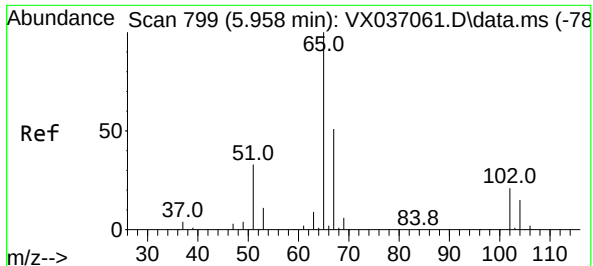


#32
1,1,1-Trichloroethane
Concen: 53.605 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



Tgt Ion: 97 Resp: 107758
Ion Ratio Lower Upper
97 100
99 64.7 51.1 76.7
61 39.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 53.991 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 75864

Ion Ratio Lower Upper

65 100

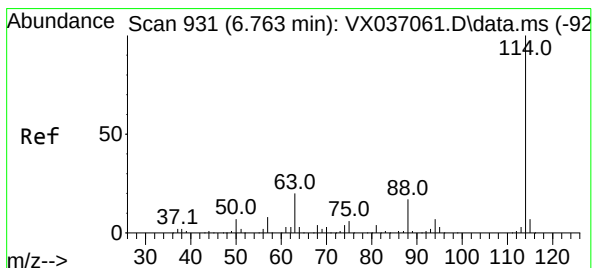
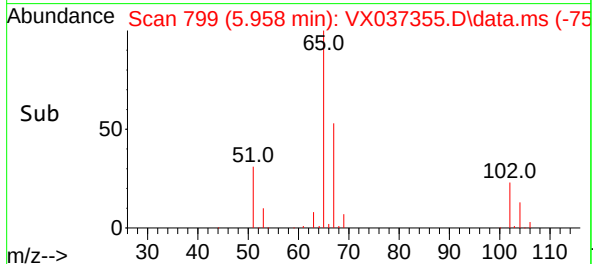
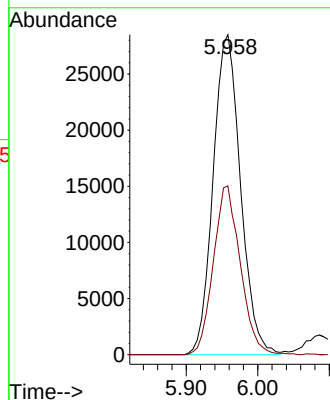
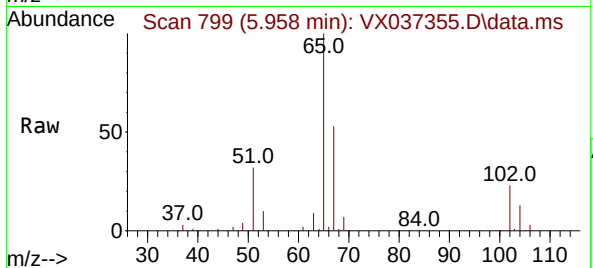
67 51.9 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

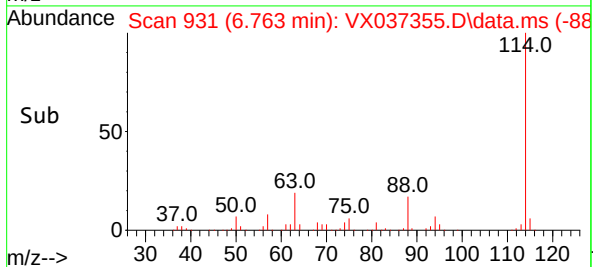
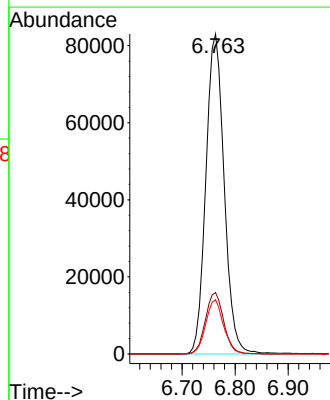
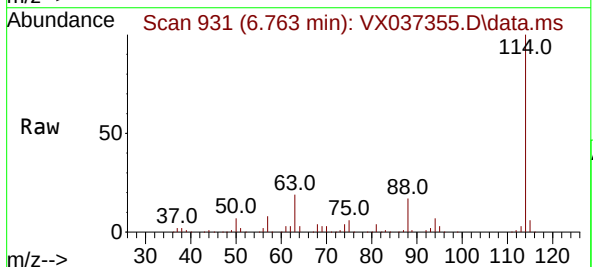
Tgt Ion:114 Resp: 198751

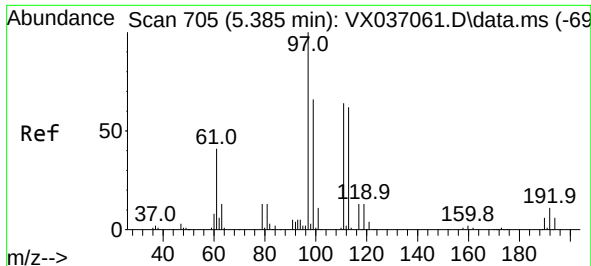
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

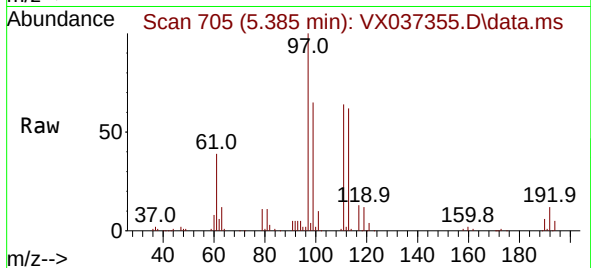
88 17.0 0.0 36.6





#35
Dibromofluoromethane
Concen: 47.840 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

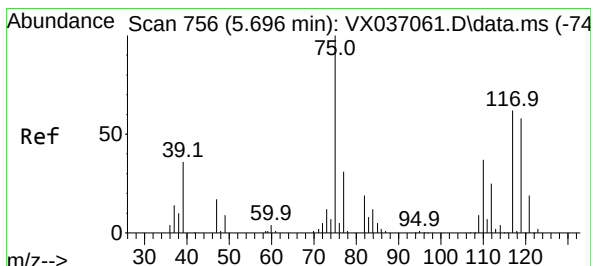
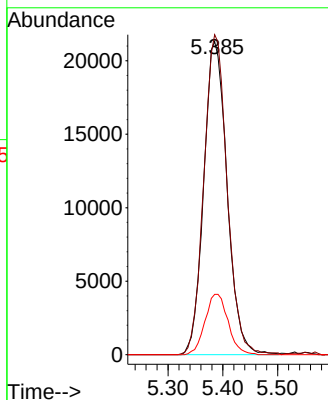
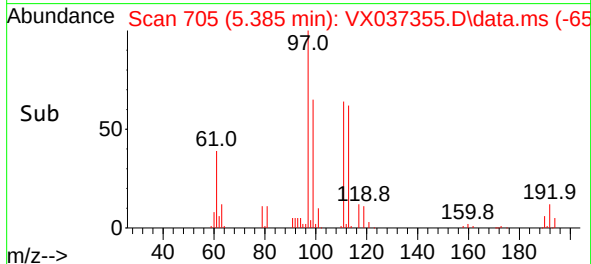
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



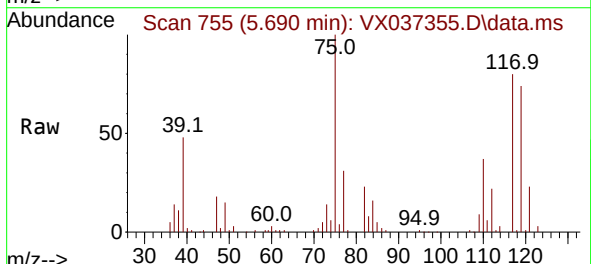
Tgt Ion: 113 Resp: 6297
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 19.0 13.3 19.9

Manual Integrations
APPROVED

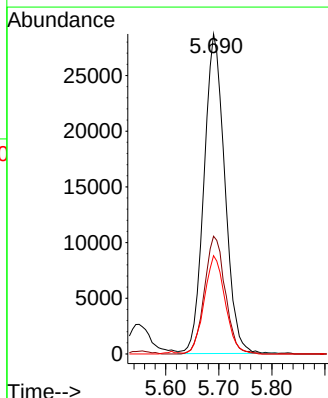
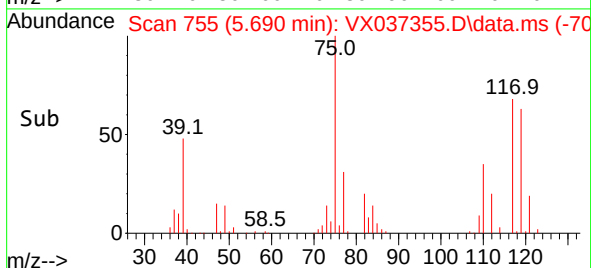
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

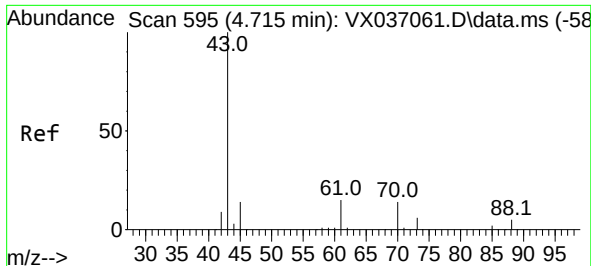


#36
1,1-Dichloropropene
Concen: 41.754 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



Tgt Ion: 75 Resp: 78084
Ion Ratio Lower Upper
75 100
110 36.8 17.0 50.9
77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 57.518 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 109870

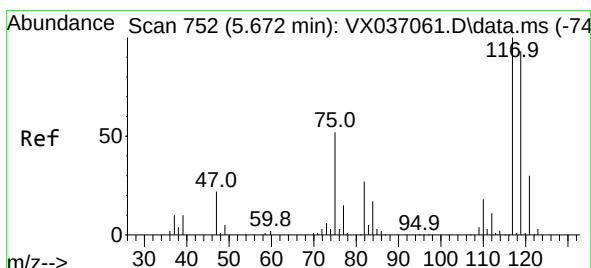
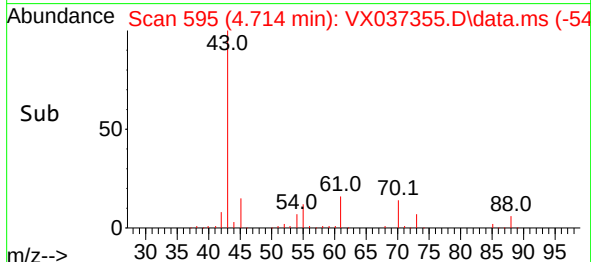
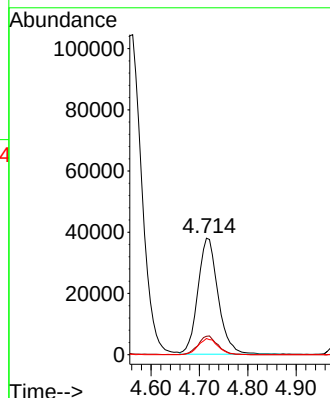
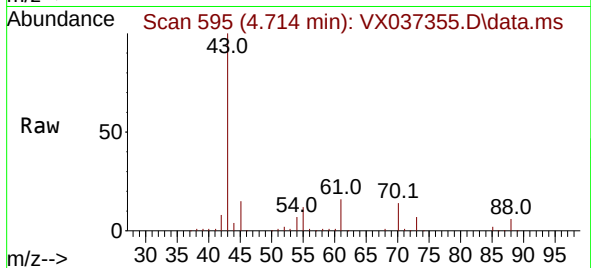
Ion	Ratio	Lower	Upper
43	100		
61	15.9	10.6	16.0
70	13.6	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#38

Carbon Tetrachloride

Concen: 42.325 ug/l

RT: 5.678 min Scan# 753

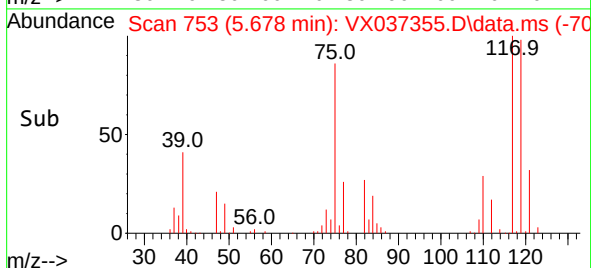
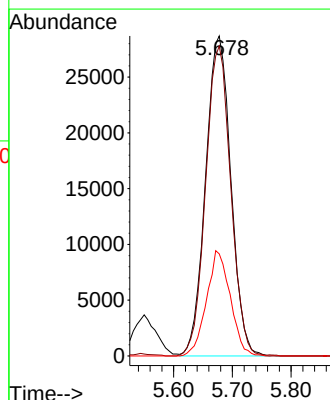
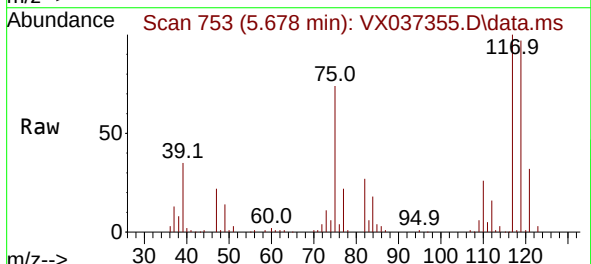
Delta R.T. 0.006 min

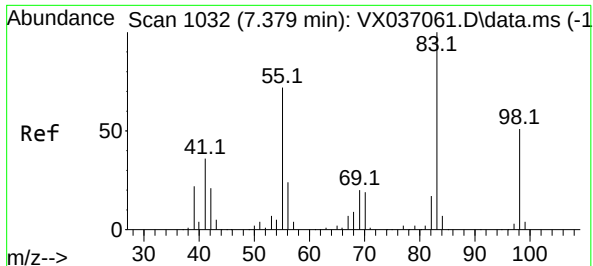
Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Tgt Ion: 117 Resp: 85979

Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.2	117.2
121	31.9	24.4	36.6





#39

Methylcyclohexane

Concen: 39.375 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 7736

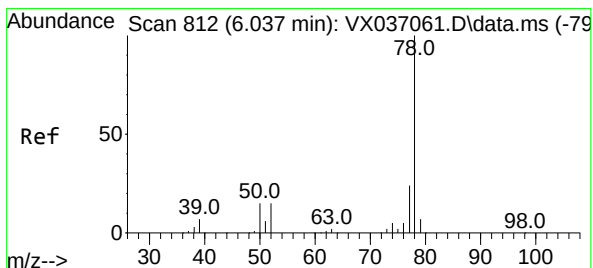
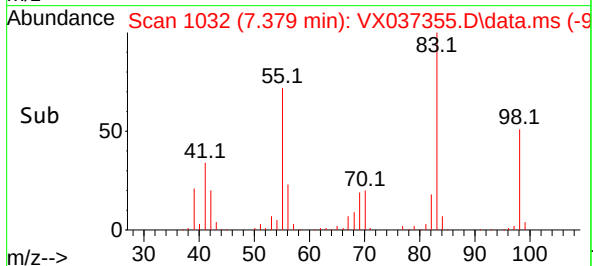
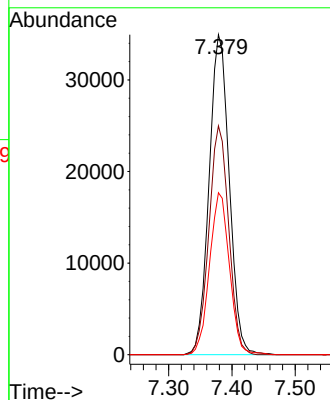
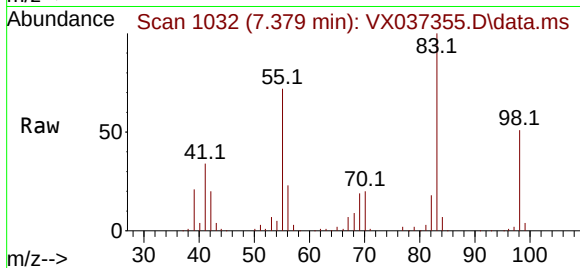
Ion	Ratio	Lower	Upper
83	100		
55	71.5	64.6	97.0
98	50.6	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#40

Benzene

Concen: 52.805 ug/l

RT: 6.037 min Scan# 812

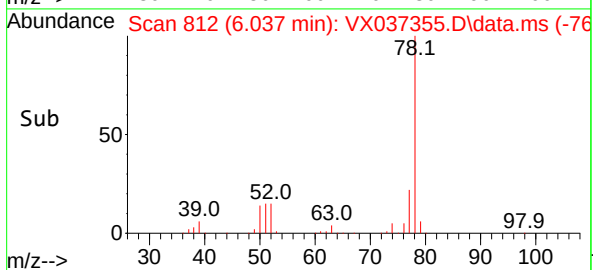
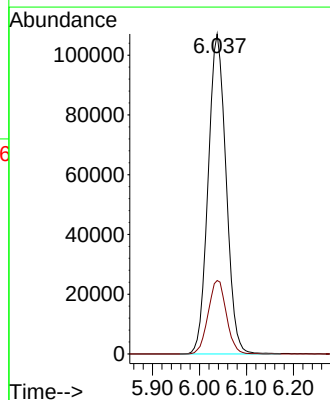
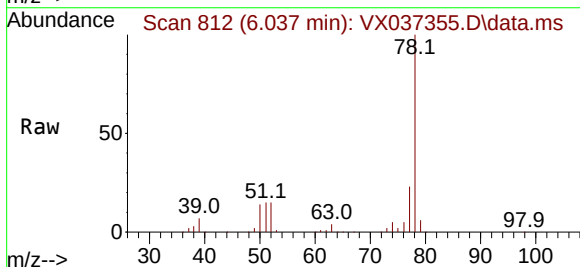
Delta R.T. -0.000 min

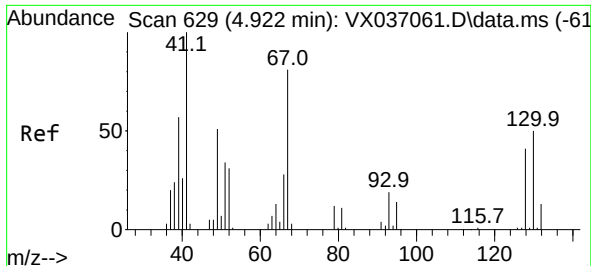
Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Tgt Ion: 78 Resp: 283214

Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





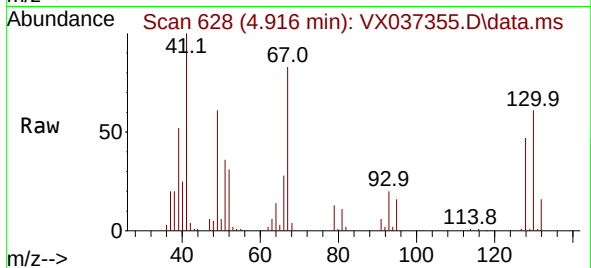
#41
Methacrylonitrile
Concen: 59.504 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



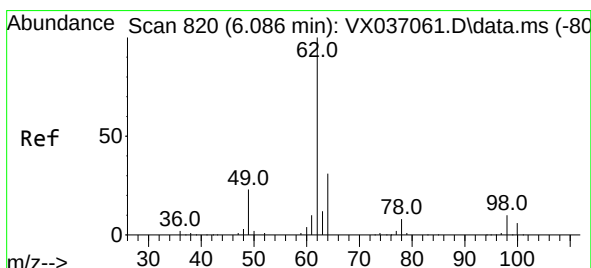
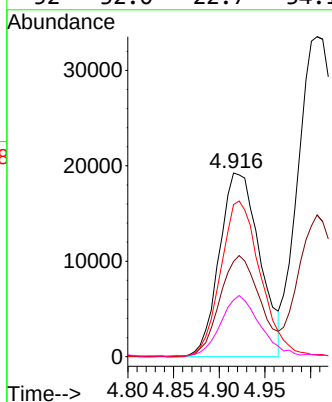
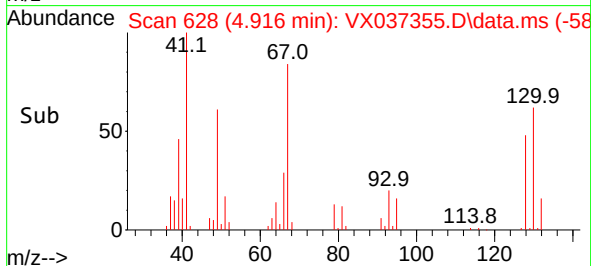
Tgt Ion:	41	Resp:	5909
Ion Ratio	100	Lower	Upper
39	54.8	45.2	67.8
67	84.0	52.6	78.8
52	32.0	22.7	34.1

Manual Integrations

APPROVED

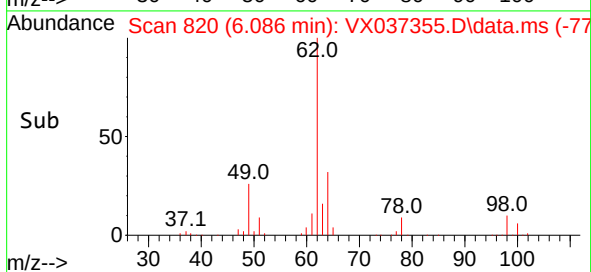
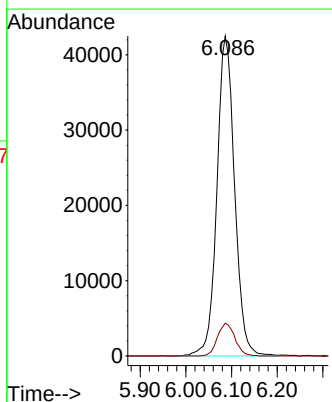
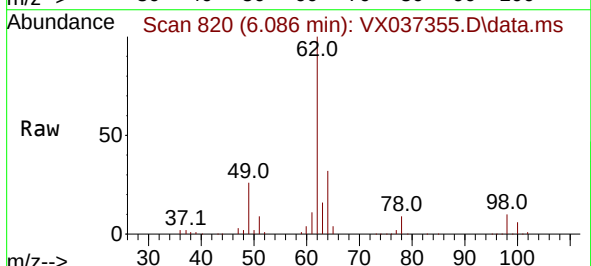
Reviewed By :John Carlone 08/30/2023

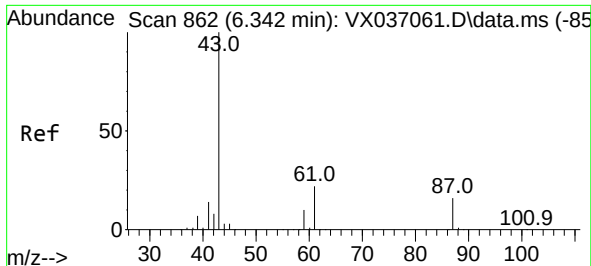
Supervised By :Mahesh Dadoda 08/31/2023



#42
1,2-Dichloroethane
Concen: 54.281 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

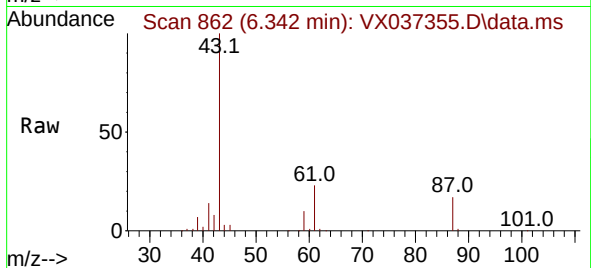
Tgt Ion:	62	Resp:	114168
Ion Ratio	100	Lower	Upper
98	10.1	0.0	16.0





#43
Isopropyl Acetate
Concen: 57.214 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

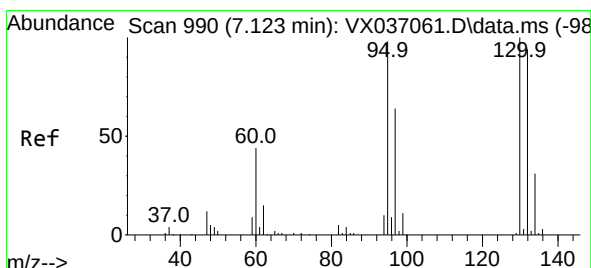
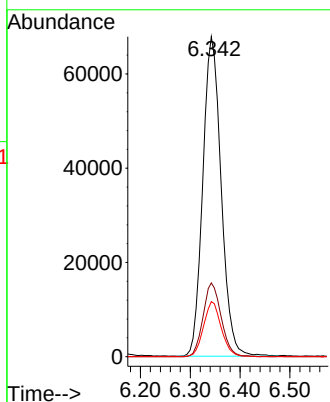
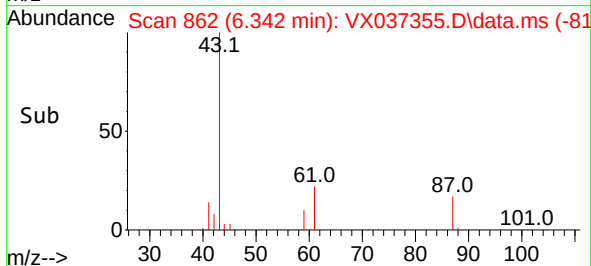
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 17352
Ion Ratio Lower Upper
43 100
61 22.7 15.2 22.8
87 16.6 9.8 14.6

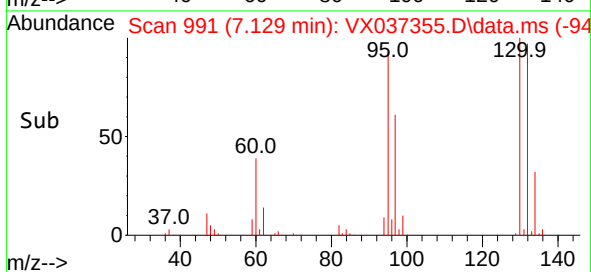
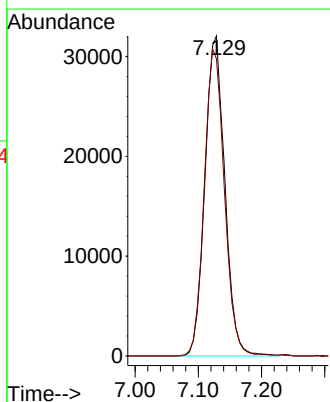
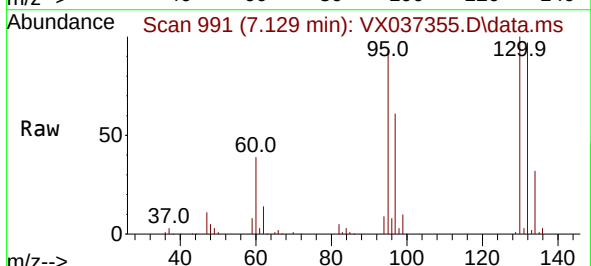
Manual Integrations
APPROVED

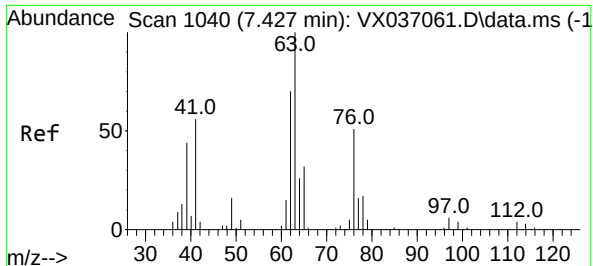
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#44
Trichloroethene
Concen: 46.109 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Tgt Ion:130 Resp: 70123
Ion Ratio Lower Upper
130 100
95 92.9 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.010 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 74070

Ion Ratio Lower Upper

63 100

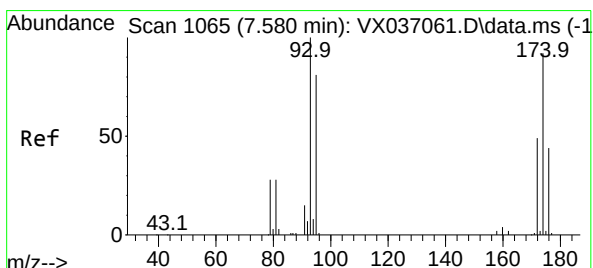
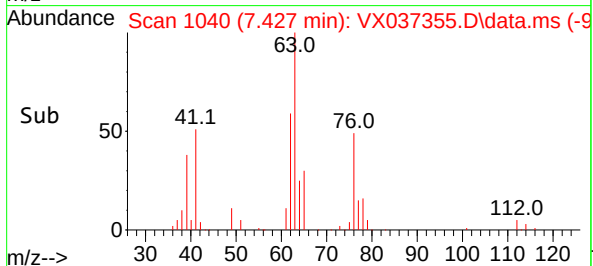
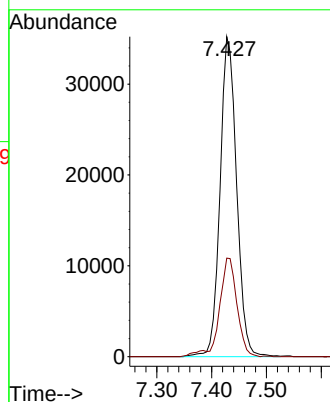
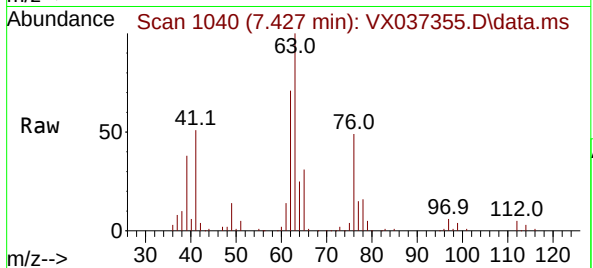
65 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#46

Dibromomethane

Concen: 56.620 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

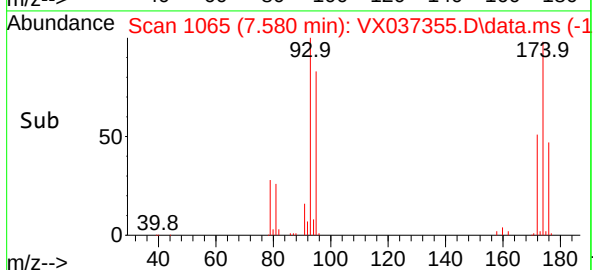
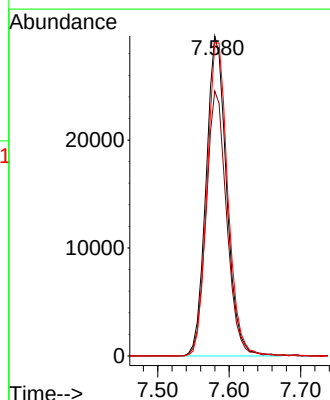
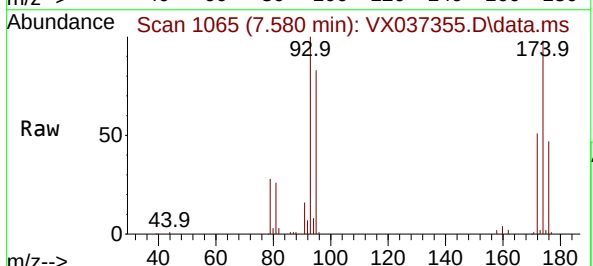
Tgt Ion: 93 Resp: 58987

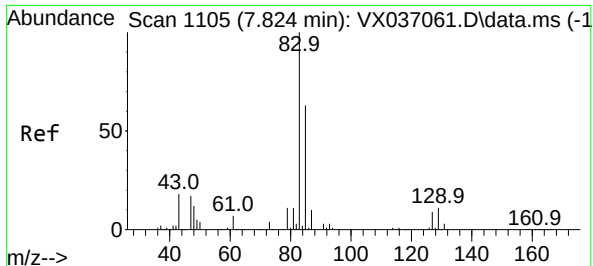
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

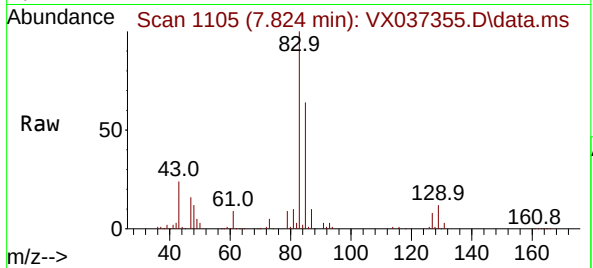
174 99.2 69.4 104.0





#47
Bromodichloromethane
Concen: 55.266 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

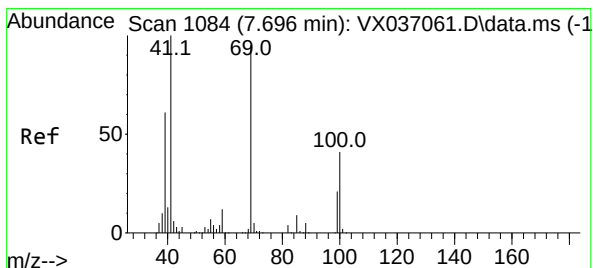
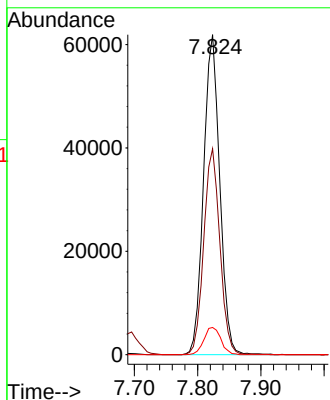
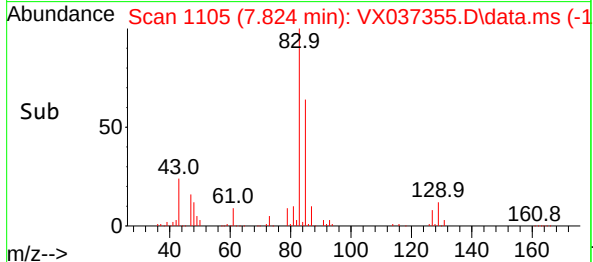
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 11028
Ion Ratio Lower Upper
83 100
85 64.4 49.8 74.6
127 8.5 7.1 10.7

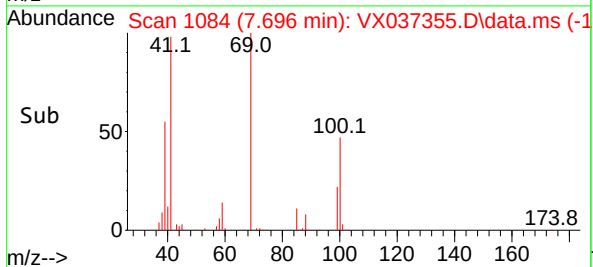
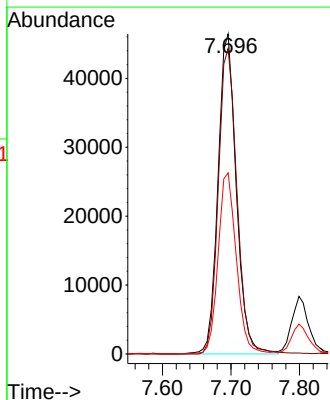
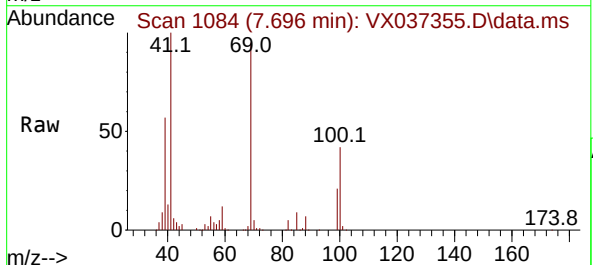
Manual Integrations
APPROVED

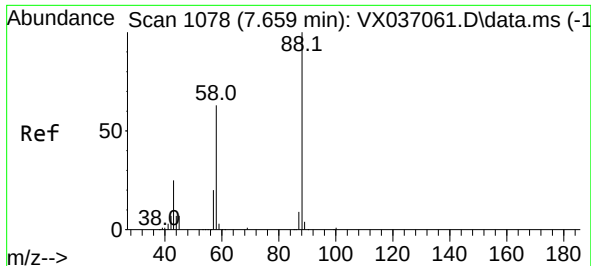
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#48
Methyl methacrylate
Concen: 58.172 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Tgt Ion: 41 Resp: 86039
Ion Ratio Lower Upper
41 100
69 96.8 59.2 88.8#
39 56.3 47.7 71.5





#49

1,4-Dioxane

Concen: 1307.223 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

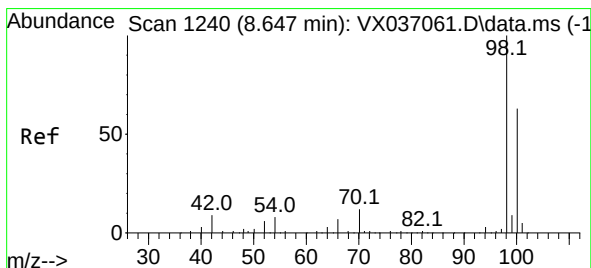
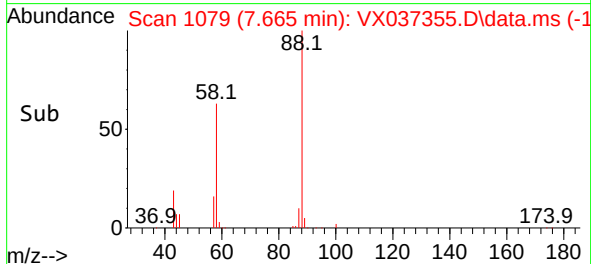
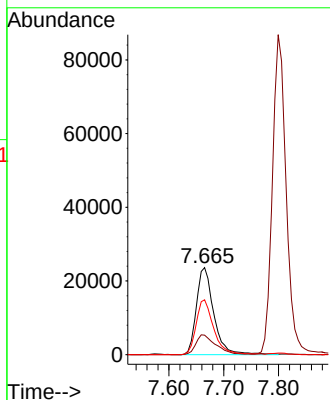
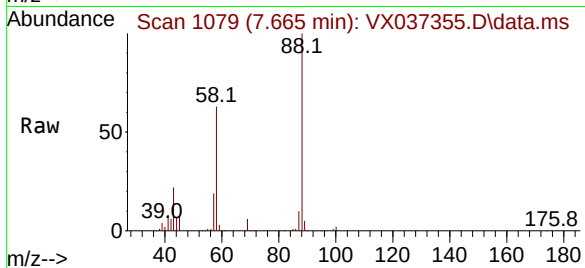
Tgt Ion: 88 Resp: 52073
 Ion Ratio Lower Upper
 88 100
 43 26.5 0.0 0.0
 58 63.9 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#50

Toluene-d8

Concen: 43.426 ug/l

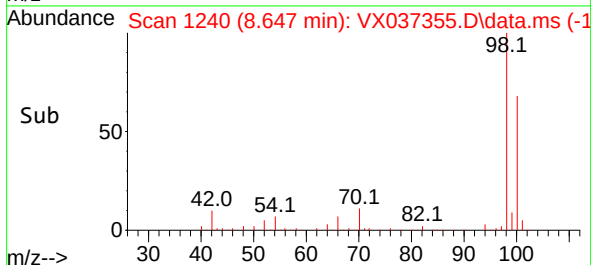
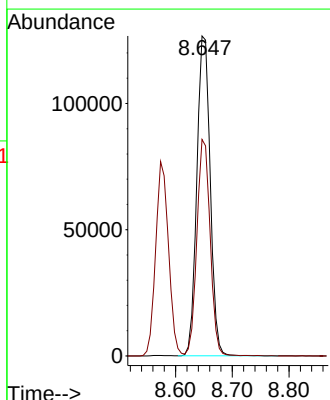
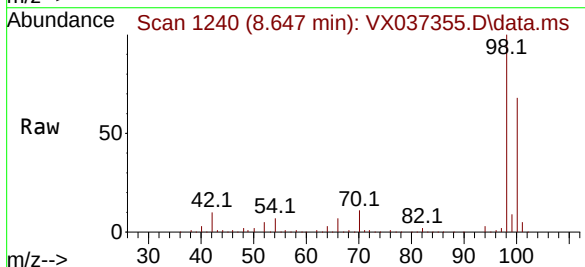
RT: 8.647 min Scan# 1240

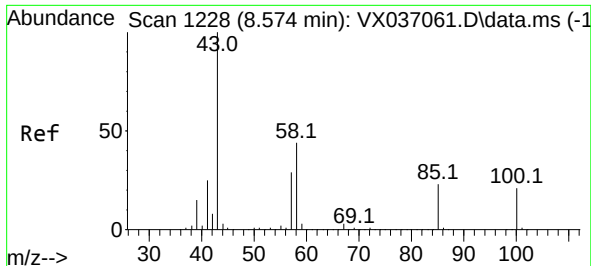
Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Tgt Ion: 98 Resp: 207345
 Ion Ratio Lower Upper
 98 100
 100 66.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 308.463 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

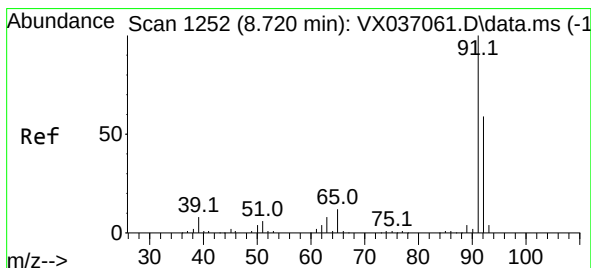
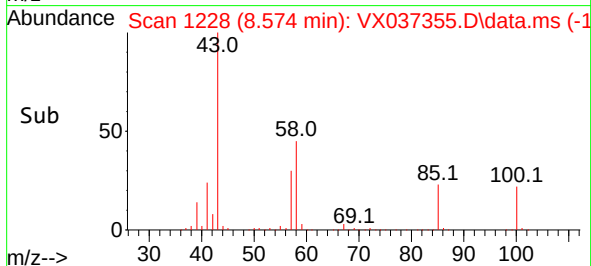
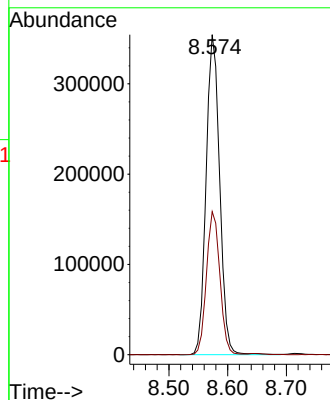
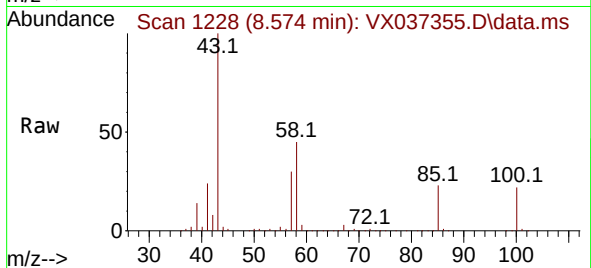
VSTDCCC050EC

Tgt Ion: 43 Resp: 56807
Ion Ratio Lower Upper
43 100
58 44.4 30.4 45.6

Manual Integrations

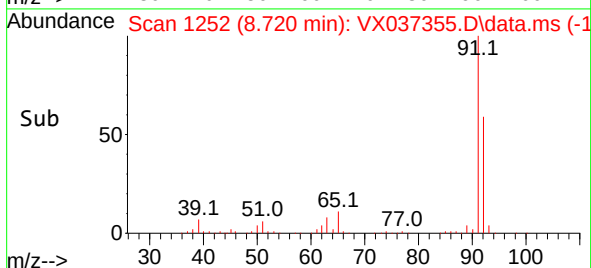
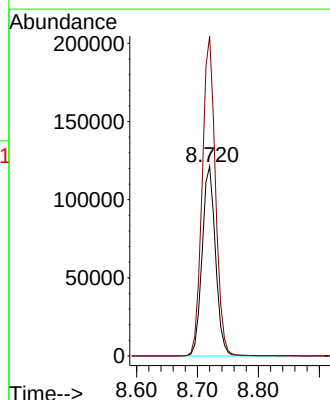
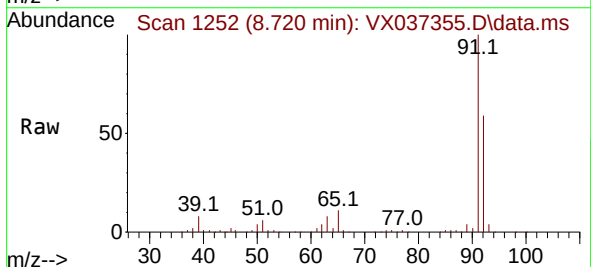
APPROVED

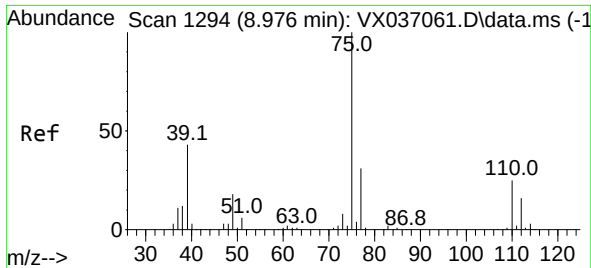
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#52
Toluene
Concen: 52.183 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

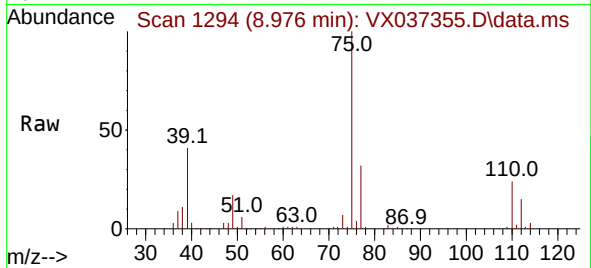
Tgt Ion: 92 Resp: 184919
Ion Ratio Lower Upper
92 100
91 167.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.044 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

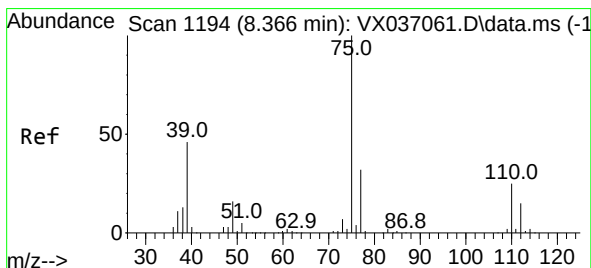
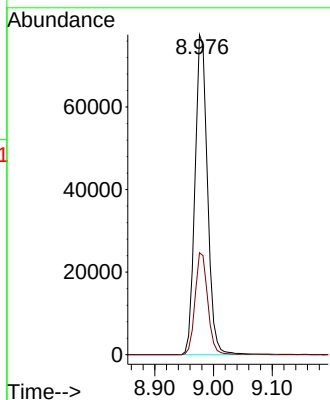
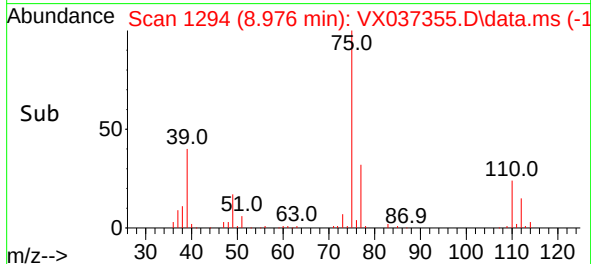
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



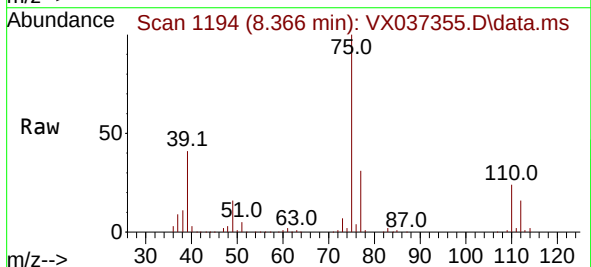
Tgt Ion: 75 Resp: 114825
Ion Ratio Lower Upper
75 100
77 31.8 25.7 38.5

Manual Integrations
APPROVED

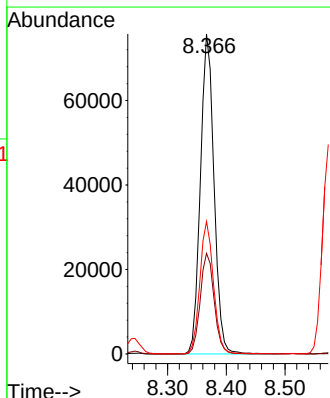
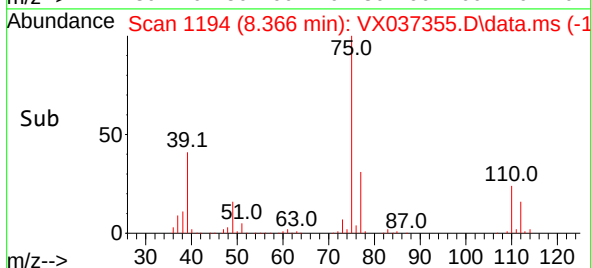
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

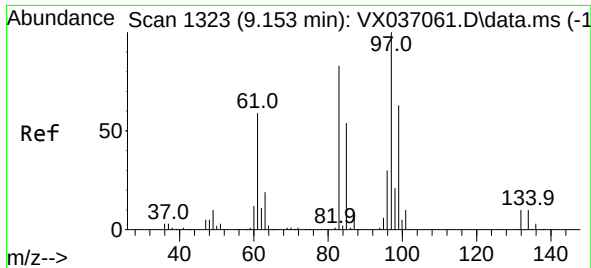


#54
cis-1,3-Dichloropropene
Concen: 53.223 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



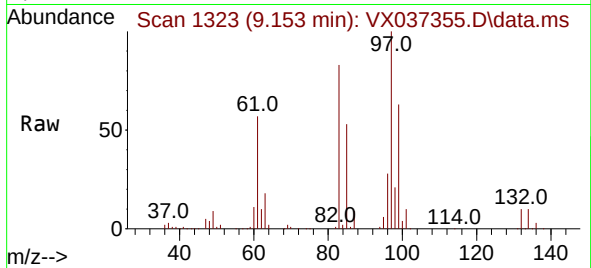
Tgt Ion: 75 Resp: 122201
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9
39 41.3 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 60.454 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

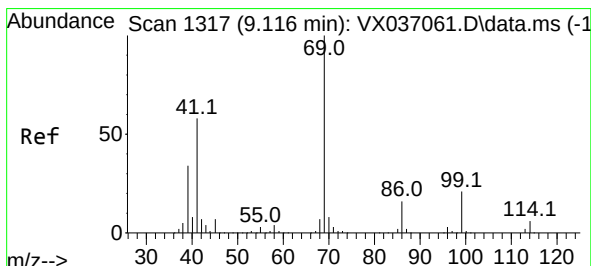
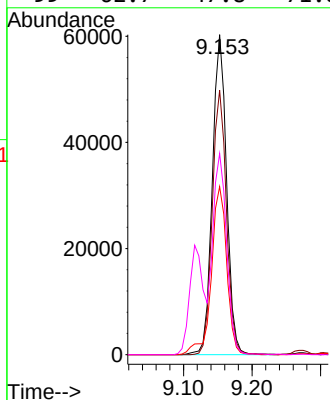
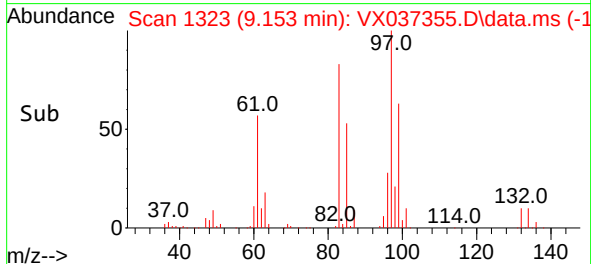
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



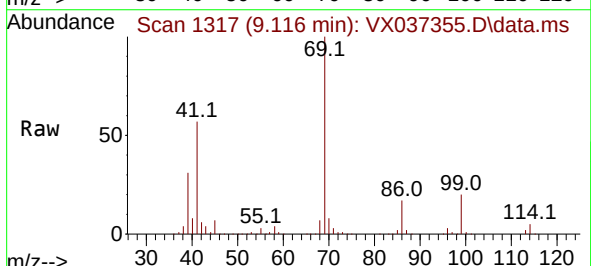
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.8	98.8
85	52.5	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations
APPROVED

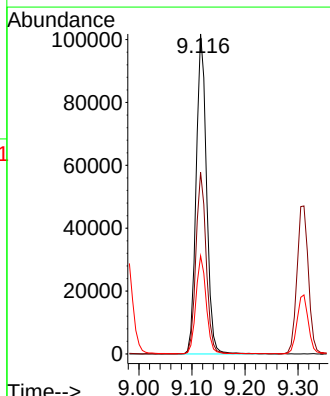
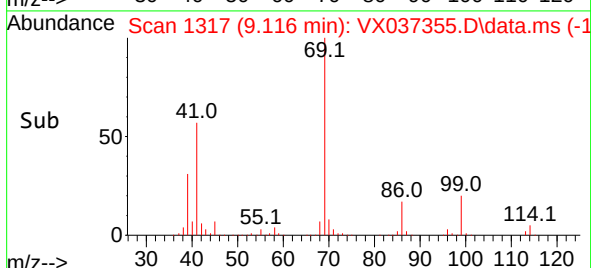
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

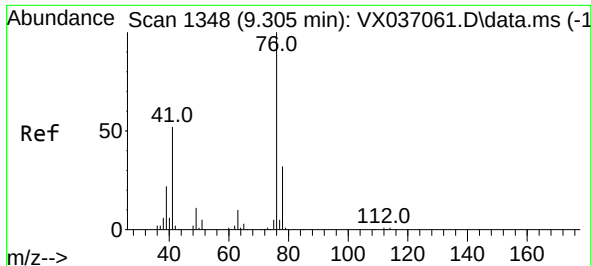


#56
Ethyl methacrylate
Concen: 60.975 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	56.8	85.2#
39	30.4	32.0	48.0#





#57

1,3-Dichloropropane

Concen: 58.843 ug/l

RT: 9.311 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 143138

Ion Ratio Lower Upper

76 100

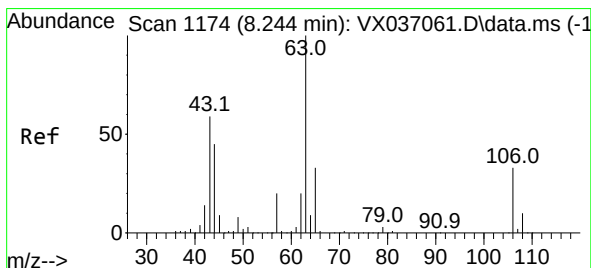
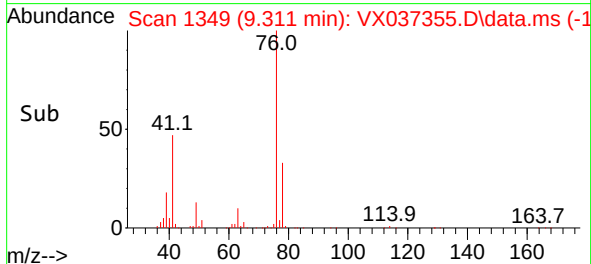
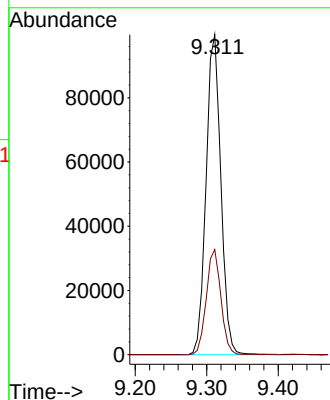
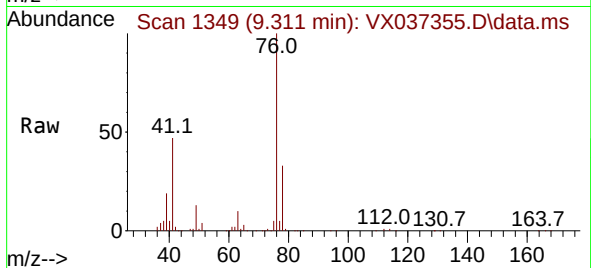
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 290.004 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX037355.D

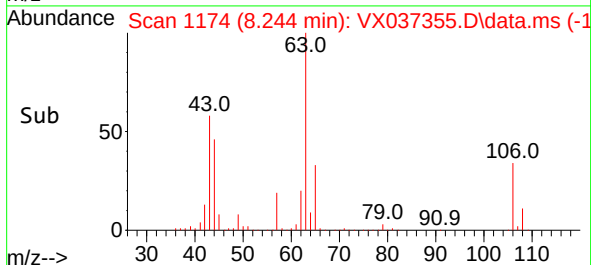
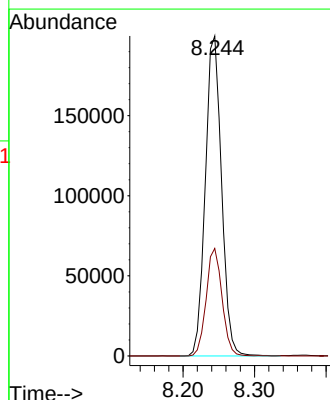
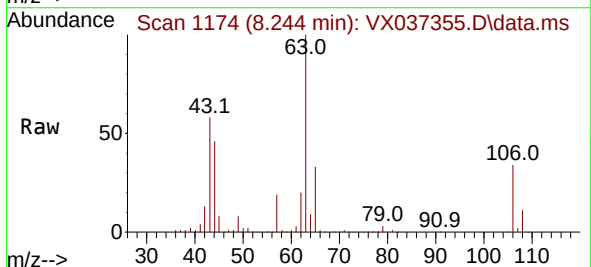
Acq: 29 Aug 2023 20:56

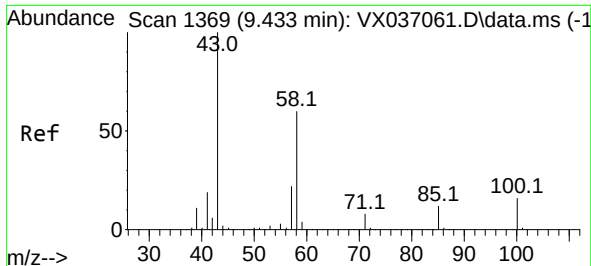
Tgt Ion: 63 Resp: 314557

Ion Ratio Lower Upper

63 100

106 32.9 22.5 33.7





#59

2-Hexanone

Concen: 311.442 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 43732

Ion Ratio Lower Upper

43 100

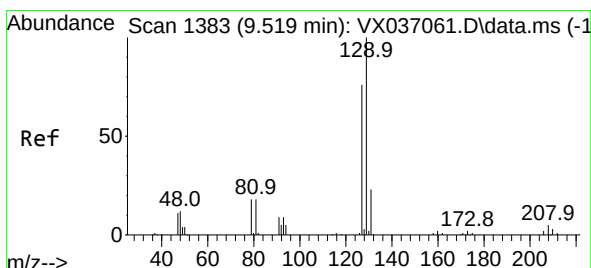
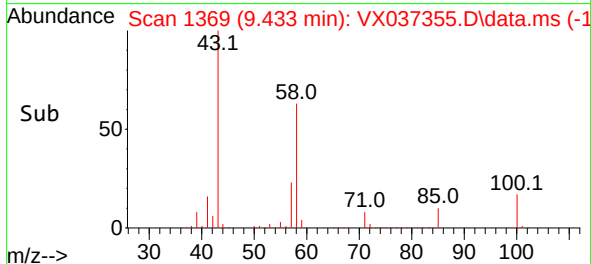
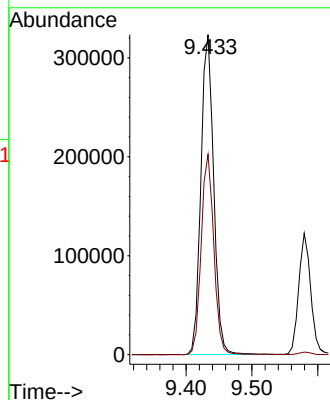
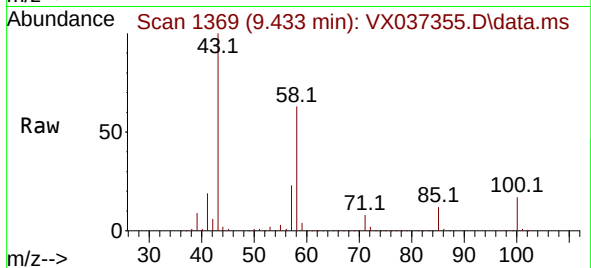
58 61.9 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#60

Dibromochloromethane

Concen: 59.551 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.006 min

Lab File: VX037355.D

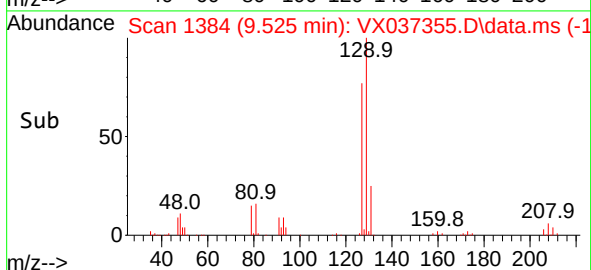
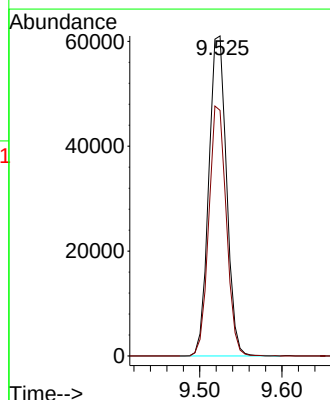
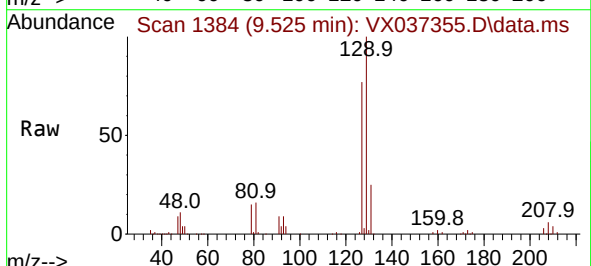
Acq: 29 Aug 2023 20:56

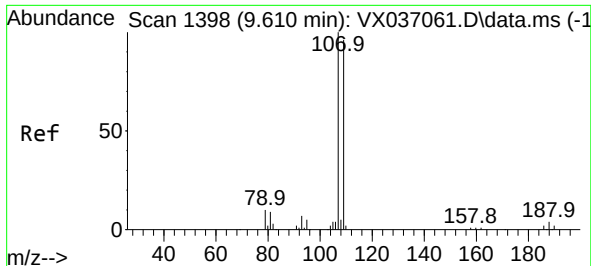
Tgt Ion:129 Resp: 91491

Ion Ratio Lower Upper

129 100

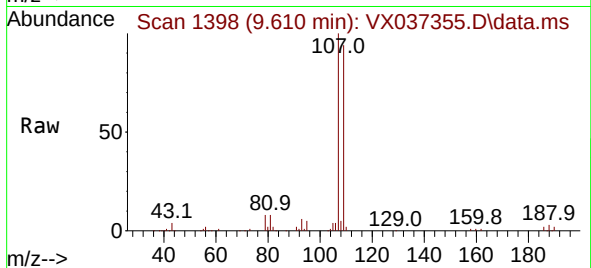
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 59.503 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

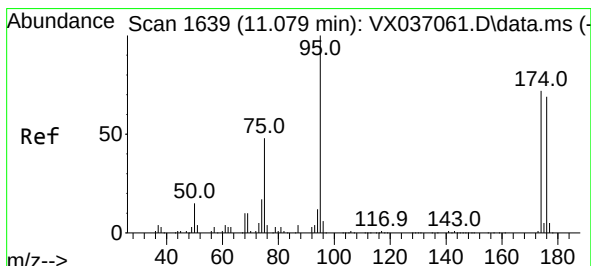
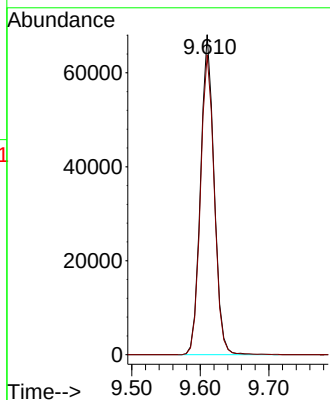
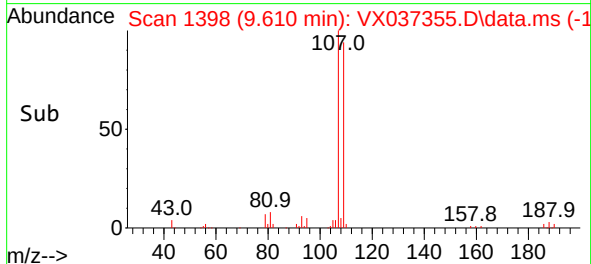
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



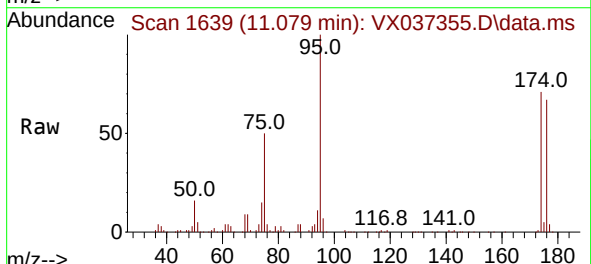
Tgt Ion:107 Resp: 9400
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8

Manual Integrations
APPROVED

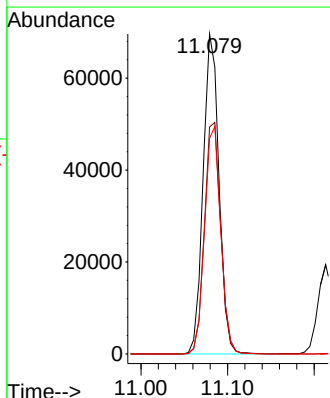
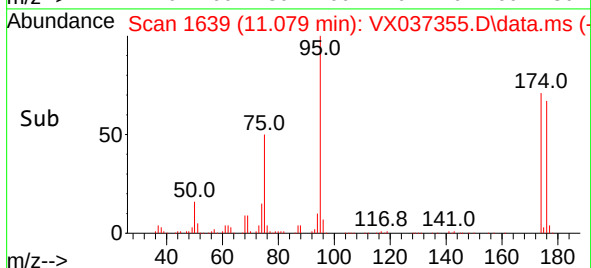
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

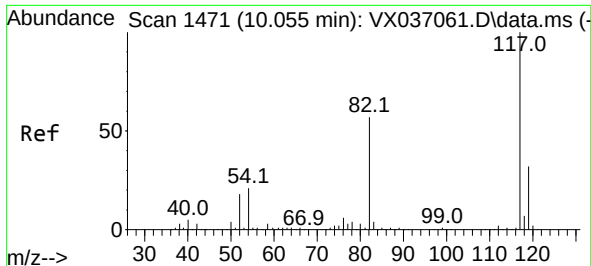


#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



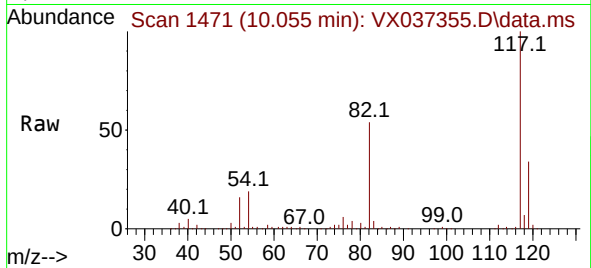
Tgt Ion: 95 Resp: 88464
Ion Ratio Lower Upper
95 100
174 74.3 0.0 135.6
176 72.3 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

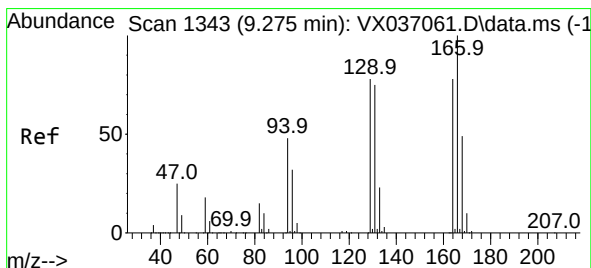
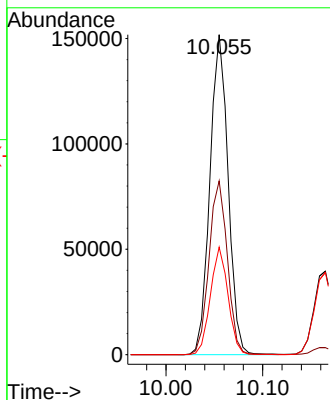
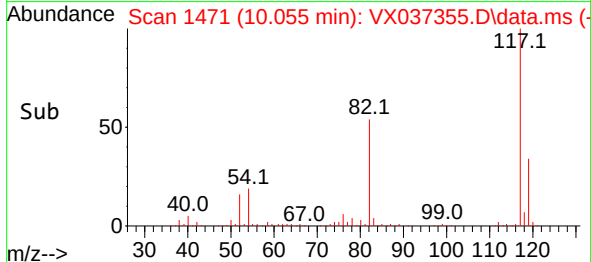
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 198550
Ion Ratio Lower Upper
117 100
82 54.3 46.2 69.4
119 33.6 25.5 38.3

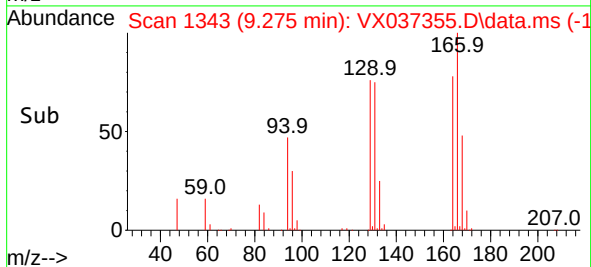
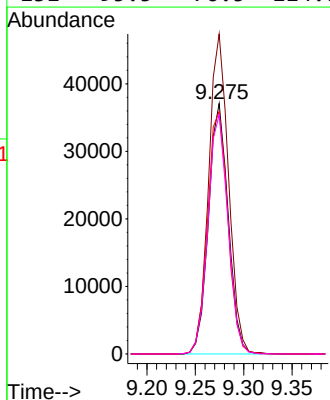
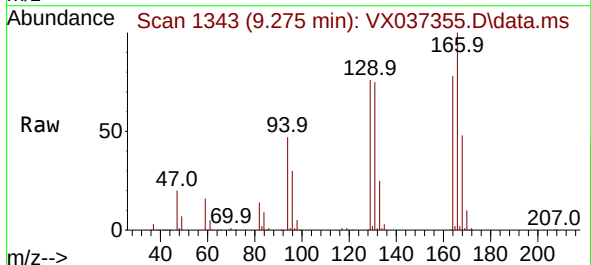
Manual Integrations
APPROVED

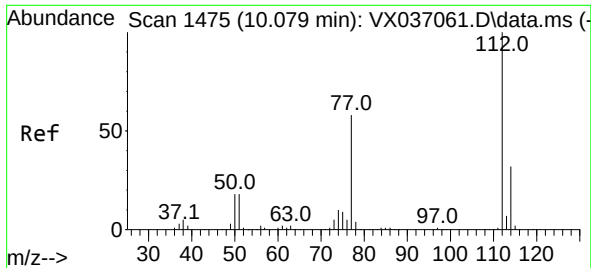
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#64
Tetrachloroethene
Concen: 36.315 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

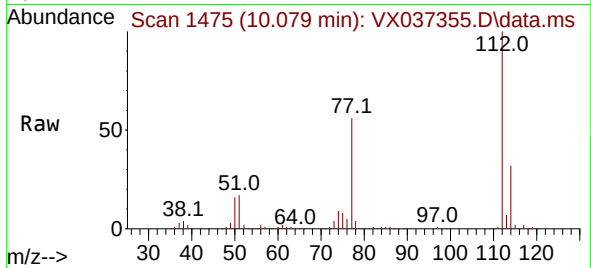
Tgt Ion:164 Resp: 52600
Ion Ratio Lower Upper
164 100
166 127.8 102.7 154.1
129 96.8 80.4 120.6
131 95.5 76.5 114.7





#65
Chlorobenzene
Concen: 49.574 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

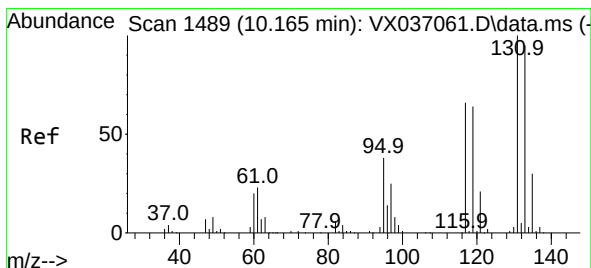
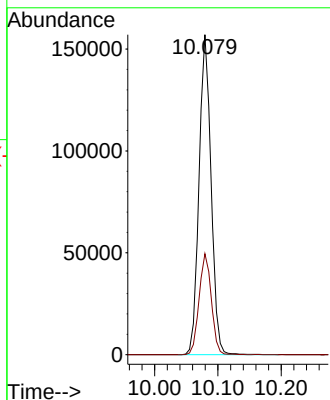
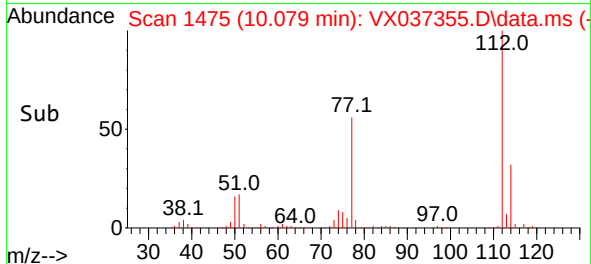
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



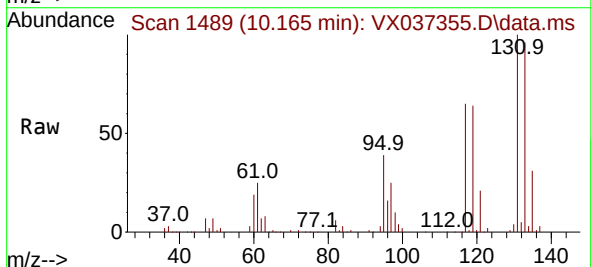
Tgt Ion:112 Resp: 20803
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5

Manual Integrations
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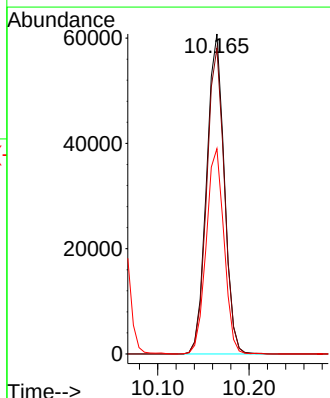
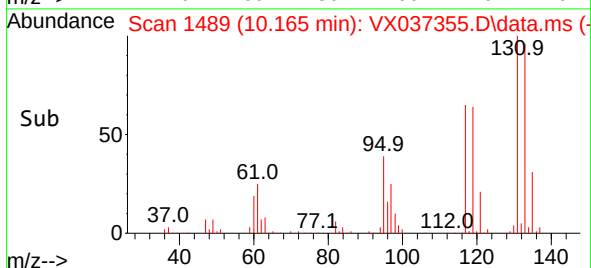
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

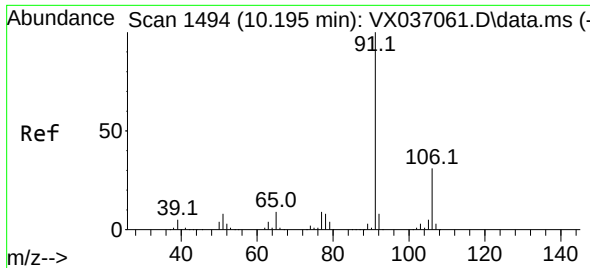


#66
1,1,1,2-Tetrachloroethane
Concen: 52.512 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



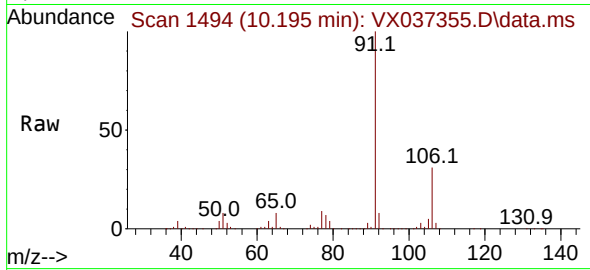
Tgt Ion:131 Resp: 81331
Ion Ratio Lower Upper
131 100
133 95.6 47.1 141.4
119 64.8 32.2 96.6





#67
Ethyl Benzene
Concen: 46.549 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

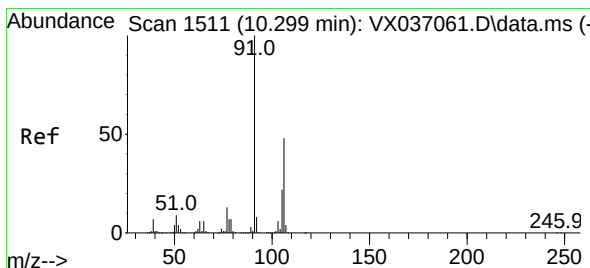
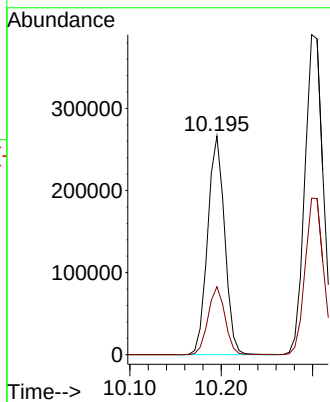
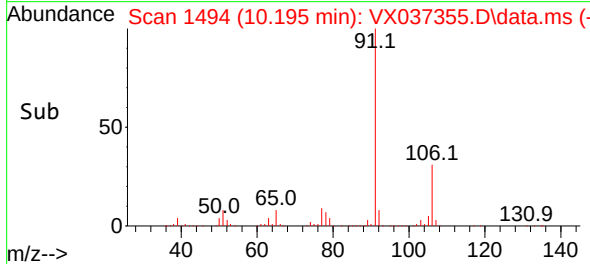
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 34372
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

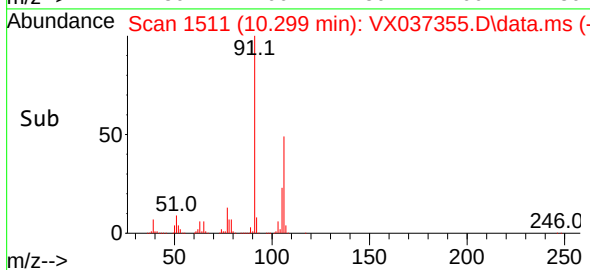
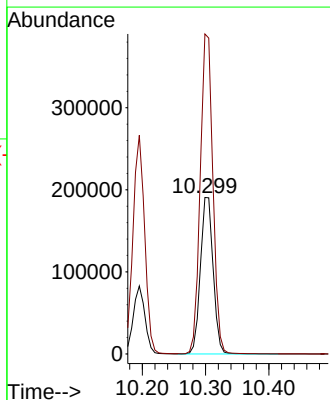
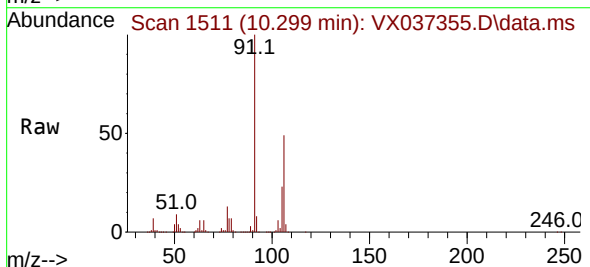
Manual Integrations
APPROVED

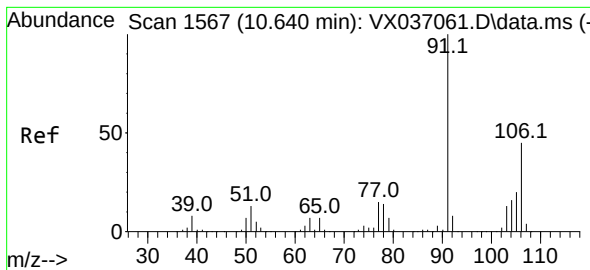
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#68
m/p-Xylenes
Concen: 93.688 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Tgt Ion:106 Resp: 267156
Ion Ratio Lower Upper
106 100
91 203.7 165.5 248.3





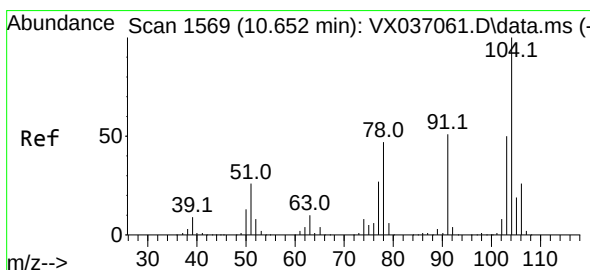
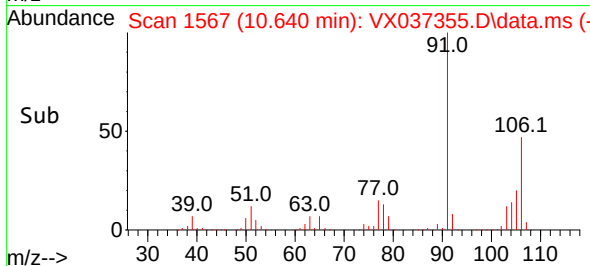
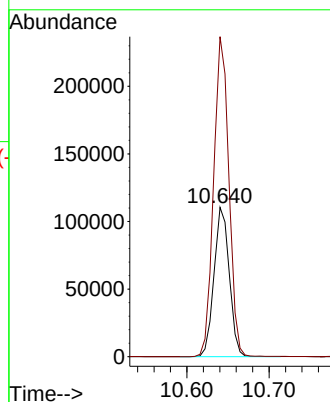
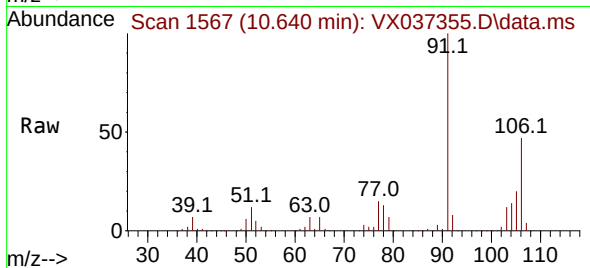
#69
o-Xylene
Concen: 50.661 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 142529
Ion Ratio Lower Upper
106 100
91 214.2 108.9 326.8

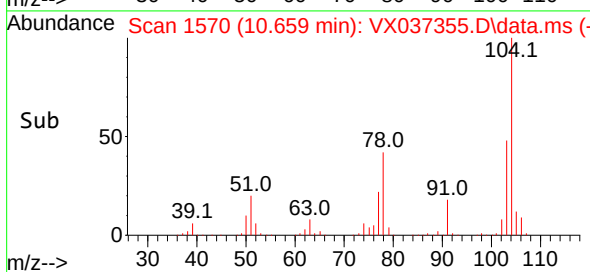
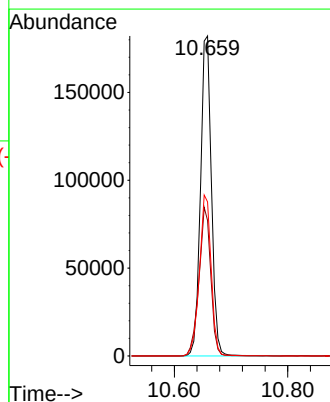
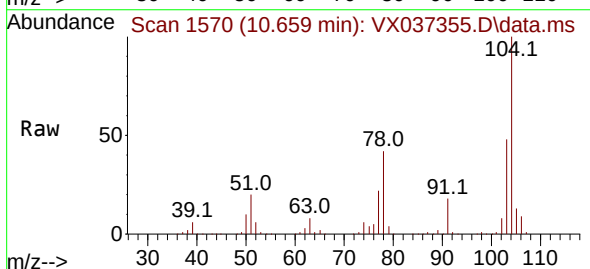
Manual Integrations
APPROVED

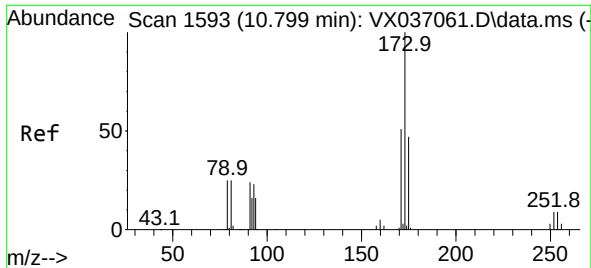
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#70
Styrene
Concen: 52.548 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.007 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

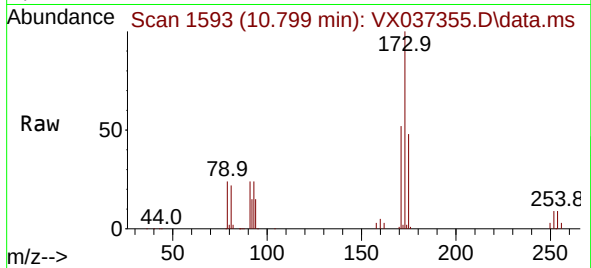
Tgt Ion:104 Resp: 243522
Ion Ratio Lower Upper
104 100
78 49.9 43.6 65.4
103 54.1 43.6 65.4





#71
Bromoform
Concen: 57.797 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

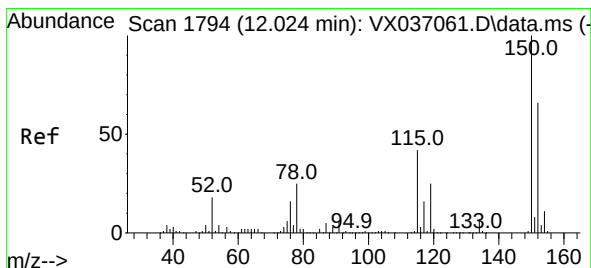
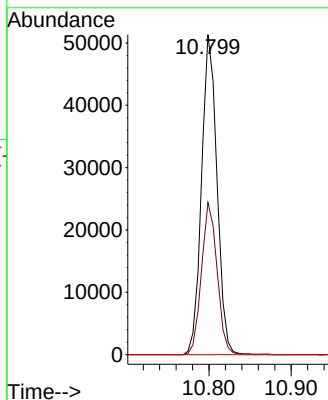
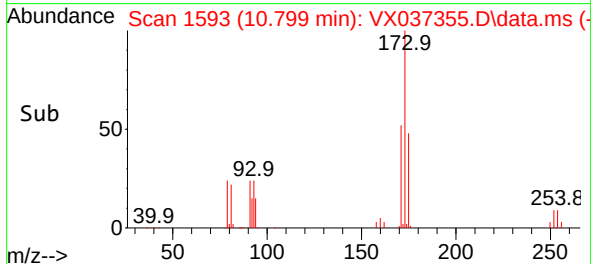
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 66959
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.4
254 0.0 0.0 0.0

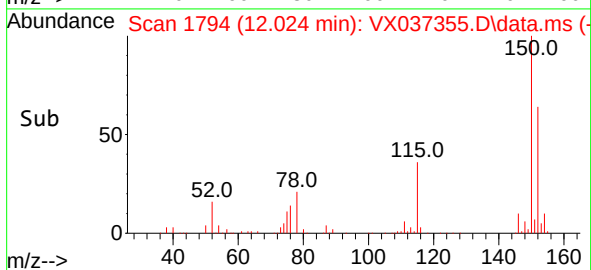
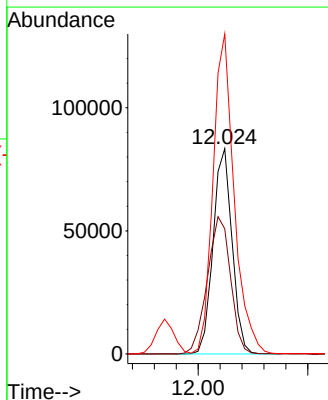
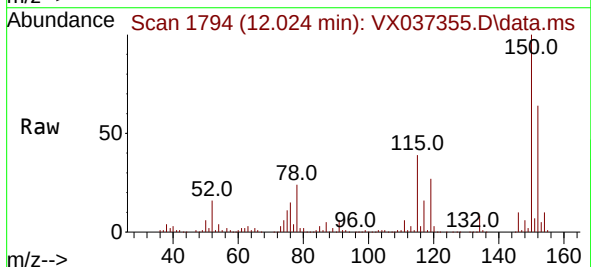
Manual Integrations
APPROVED

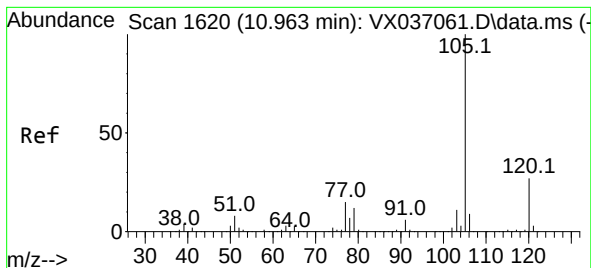
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Tgt Ion:152 Resp: 100289
Ion Ratio Lower Upper
152 100
115 82.0 43.3 129.9
150 173.6 0.0 345.0





#73

Isopropylbenzene

Concen: 44.989 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 327940

Ion Ratio Lower Upper

105 100

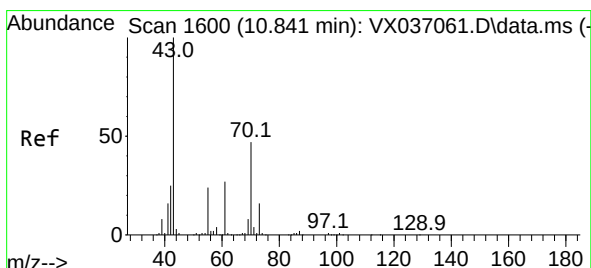
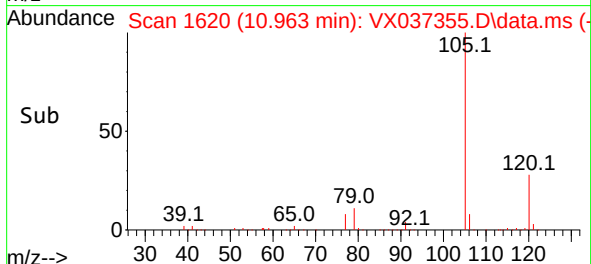
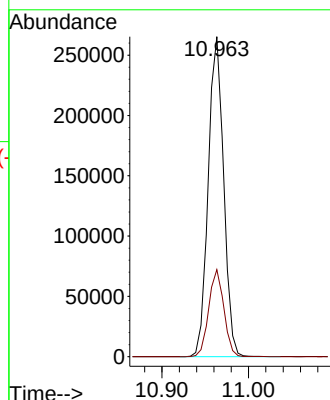
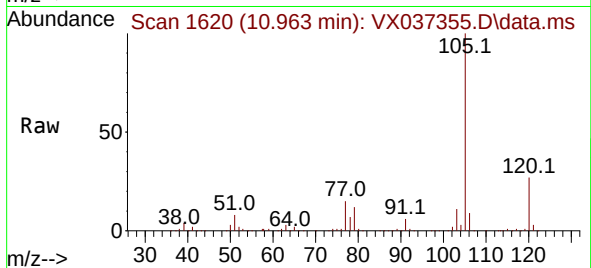
120 26.7 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#74

N-ethyl acetate

Concen: 54.237 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Tgt Ion: 43 Resp: 153623

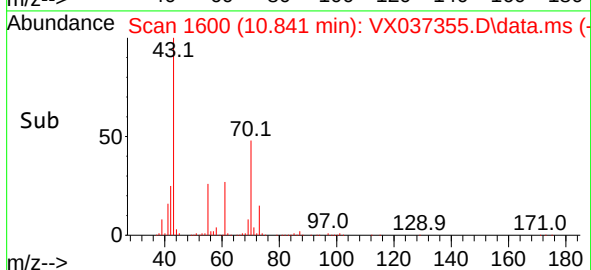
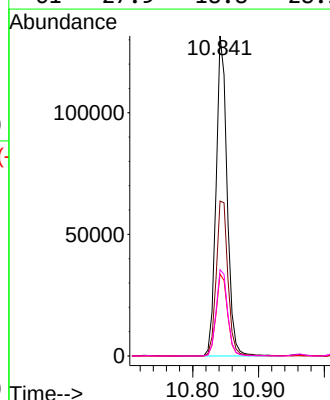
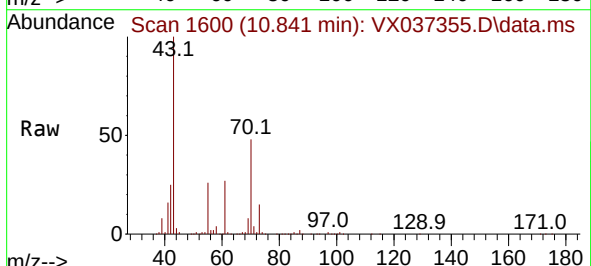
Ion Ratio Lower Upper

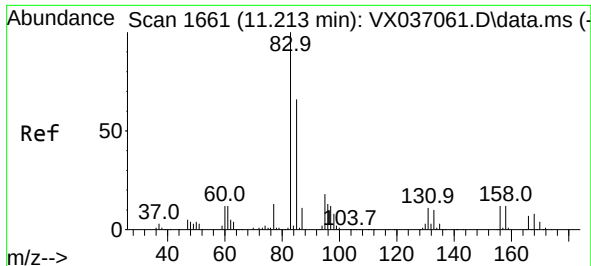
43 100

70 51.1 32.9 49.3#

55 26.6 19.3 28.9

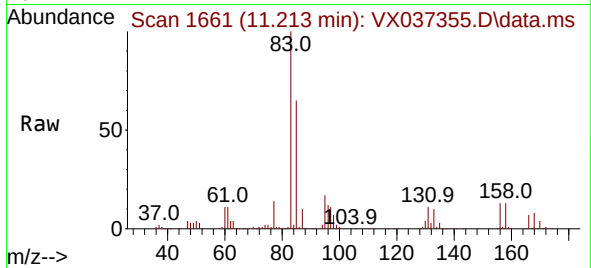
61 27.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 57.423 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

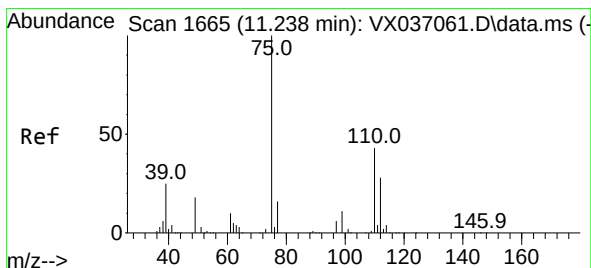
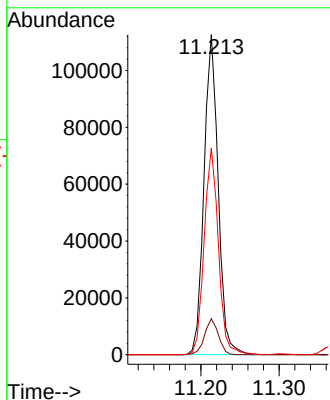
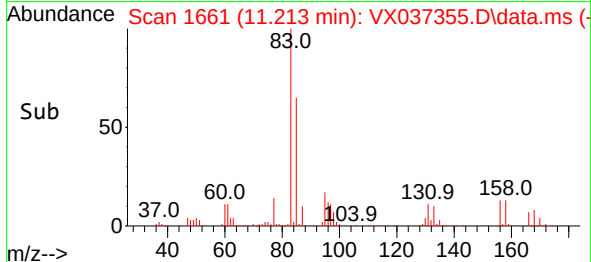
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



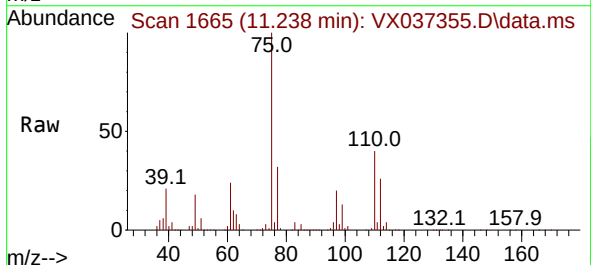
Tgt Ion: 83 Resp: 140969
Ion Ratio Lower Upper
83 100
131 11.0 5.3 15.8
85 64.9 32.0 96.2

Manual Integrations
APPROVED

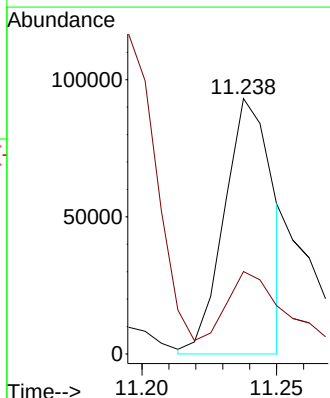
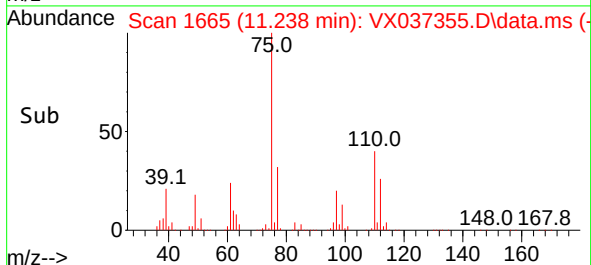
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

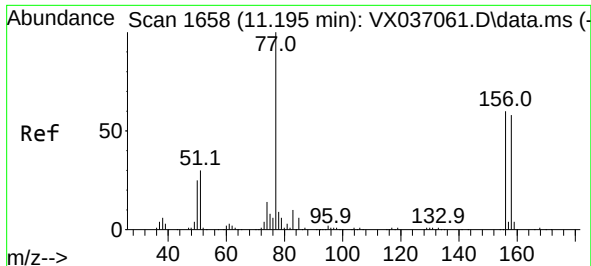


#76
1,2,3-Trichloropropane
Concen: 54.116 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



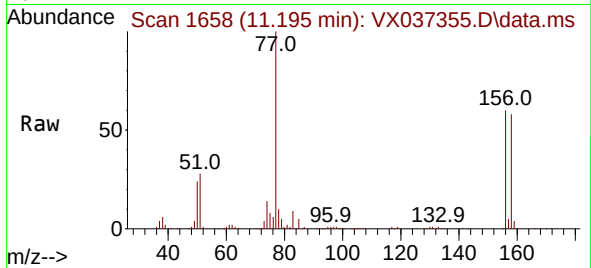
Tgt Ion: 75 Resp: 115582
Ion Ratio Lower Upper
75 100
77 42.5 19.1 57.5





#77
Bromobenzene
Concen: 52.277 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

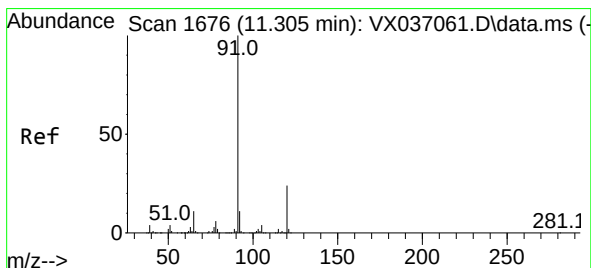
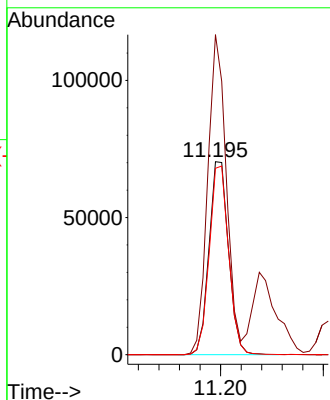
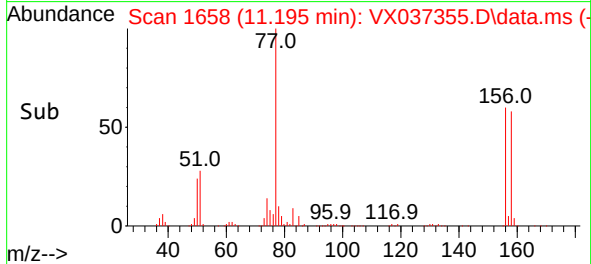
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



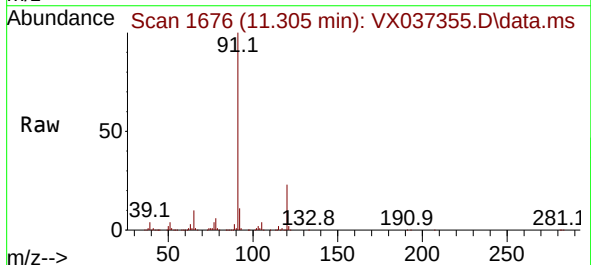
Tgt Ion:156 Resp: 93068
Ion Ratio Lower Upper
156 100
77 157.5 88.4 265.3
158 97.0 48.0 144.0

Manual Integrations
APPROVED

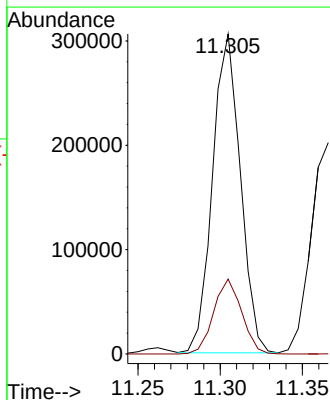
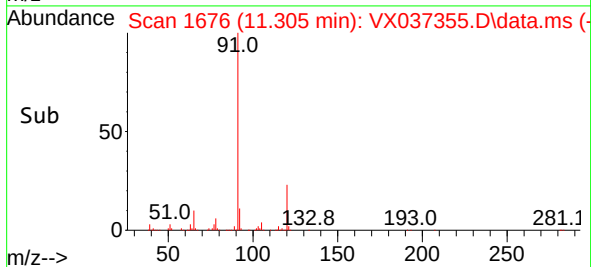
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

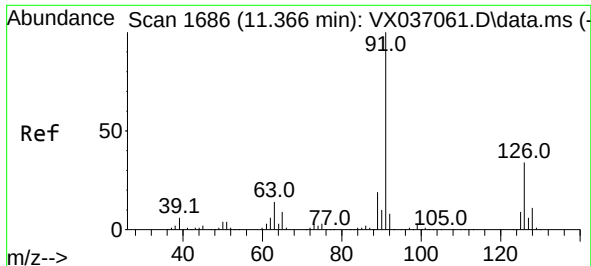


#78
n-propylbenzene
Concen: 44.322 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



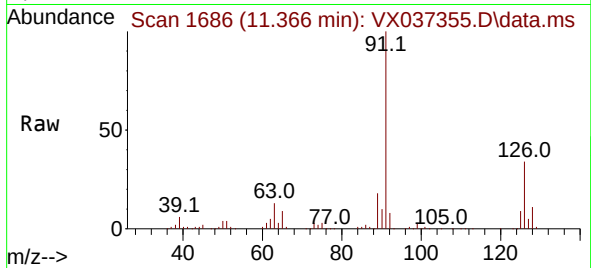
Tgt Ion: 91 Resp: 359763
Ion Ratio Lower Upper
91 100
120 23.7 11.5 34.4





#79
2-Chlorotoluene
Concen: 48.378 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

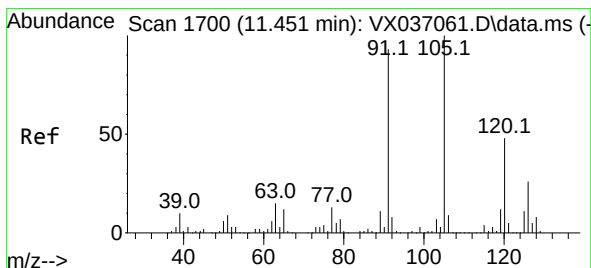
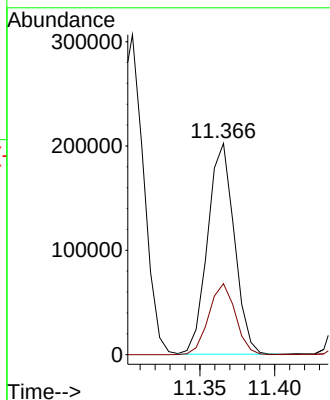
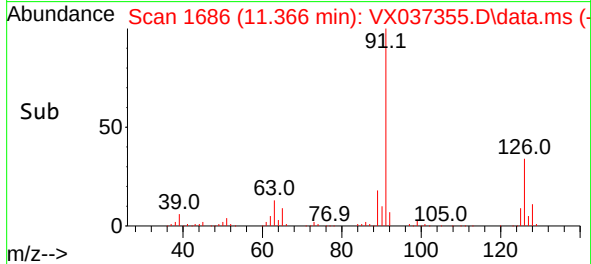
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



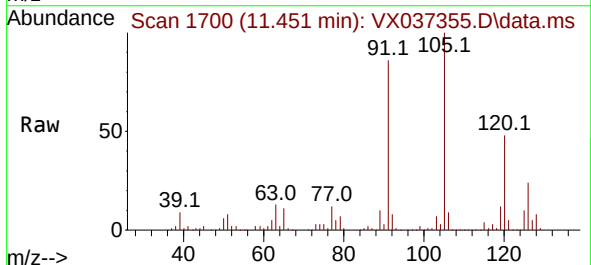
Tgt Ion: 91 Resp: 250940
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8

Manual Integrations
APPROVED

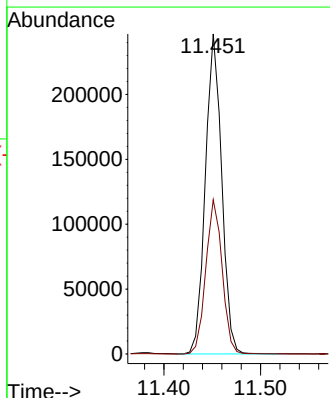
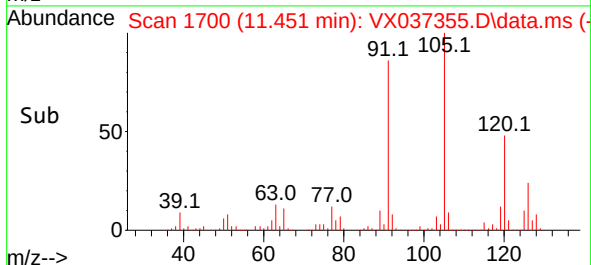
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

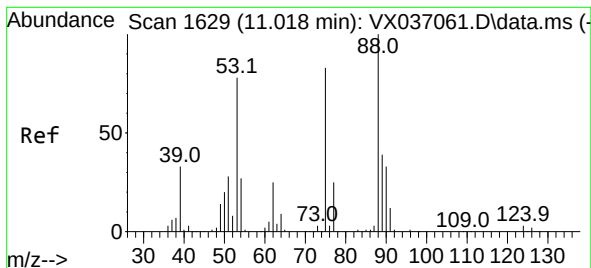


#80
1,3,5-Trimethylbenzene
Concen: 47.674 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



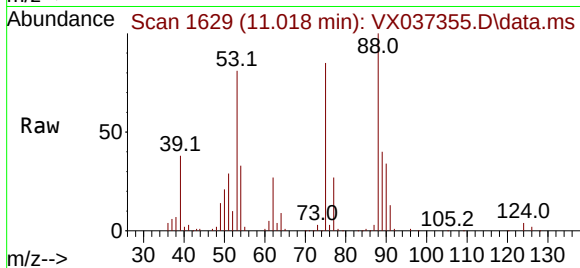
Tgt Ion:105 Resp: 289895
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 48.160 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

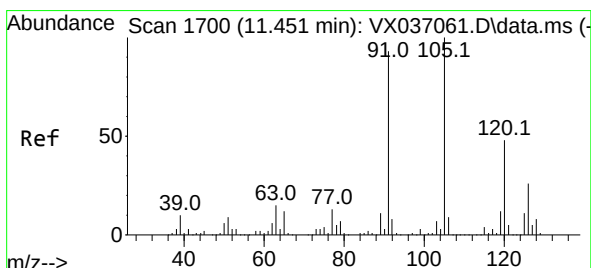
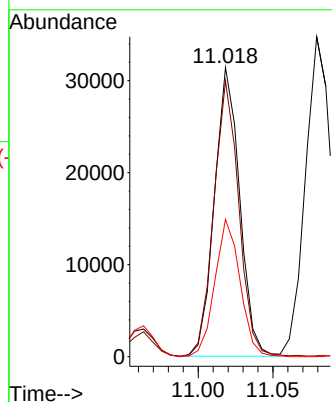
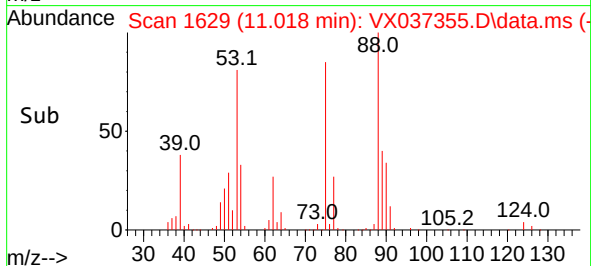
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



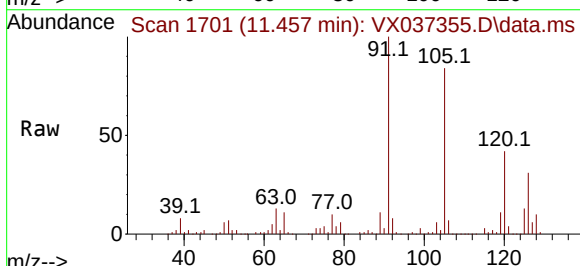
Tgt Ion: 75 Resp: 36828
Ion Ratio Lower Upper
75 100
53 95.4 90.5 135.7
89 47.6 36.9 55.3

Manual Integrations
APPROVED

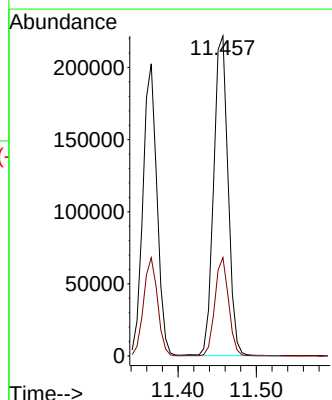
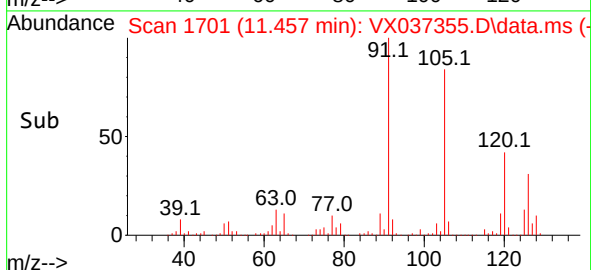
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

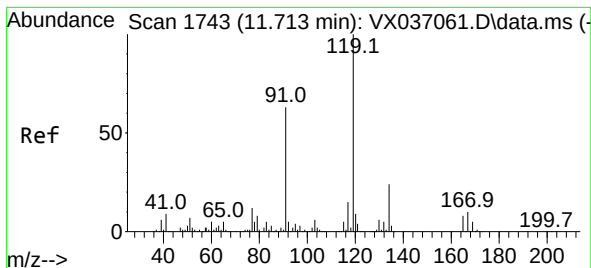


#82
4-Chlorotoluene
Concen: 47.165 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



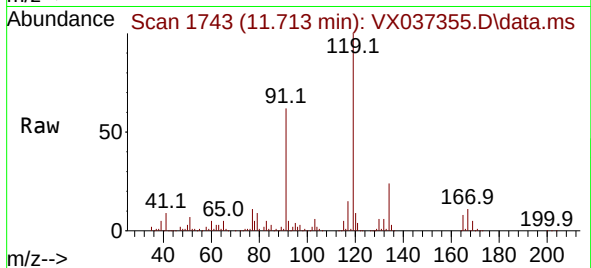
Tgt Ion: 91 Resp: 282408
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83
tert-Butylbenzene
Concen: 49.676 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

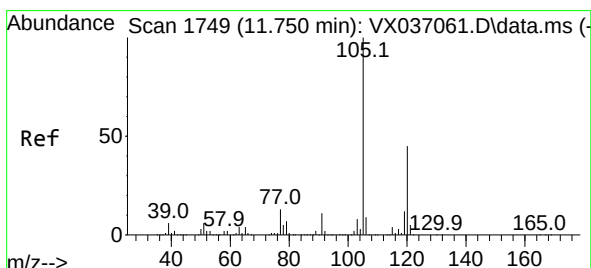
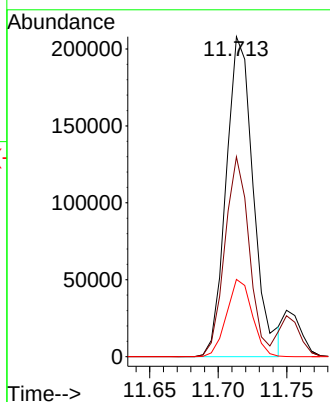
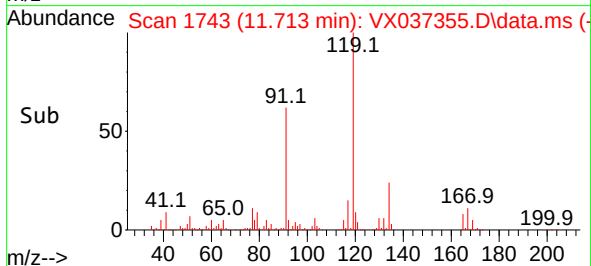
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



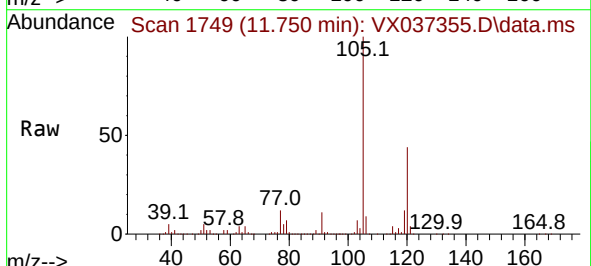
Tgt Ion:119 Resp: 288080
Ion Ratio Lower Upper
119 100
91 56.1 31.2 93.6
134 22.7 11.7 35.0

Manual Integrations
APPROVED

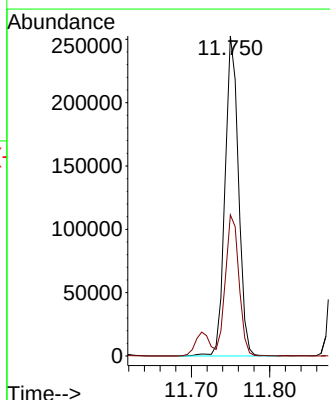
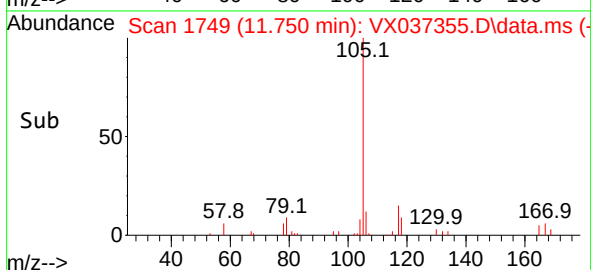
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

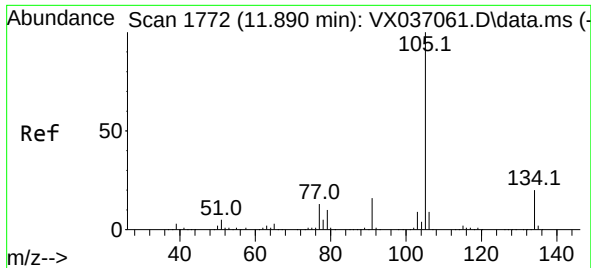


#84
1,2,4-Trimethylbenzene
Concen: 49.148 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



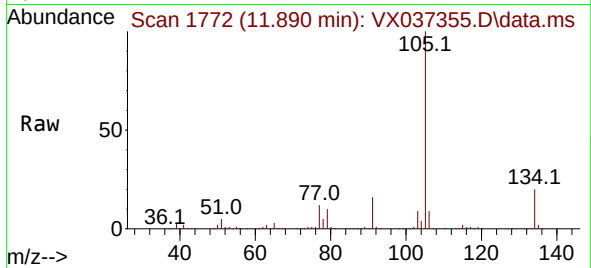
Tgt Ion:105 Resp: 302036
Ion Ratio Lower Upper
105 100
120 44.3 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 46.465 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX037355.D
 Acq: 29 Aug 2023 20:56

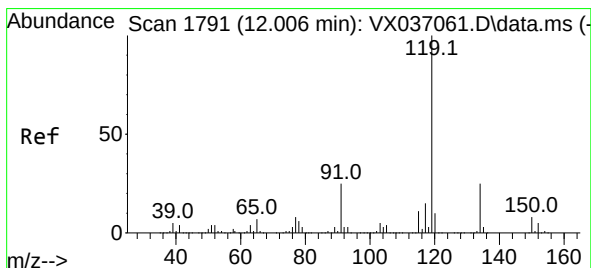
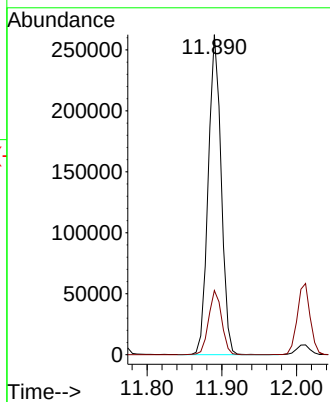
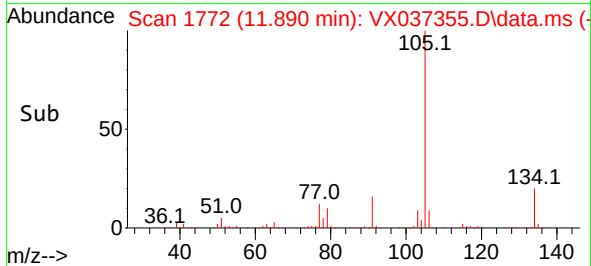
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



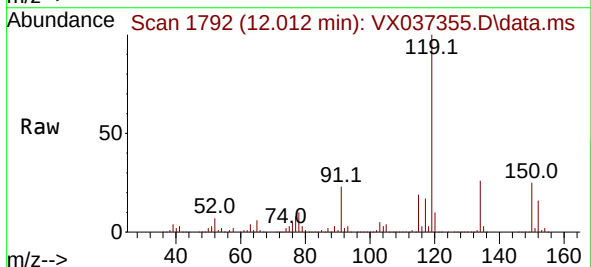
Tgt Ion:105 Resp: 314739
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.8 29.4

Manual Integrations
 APPROVED

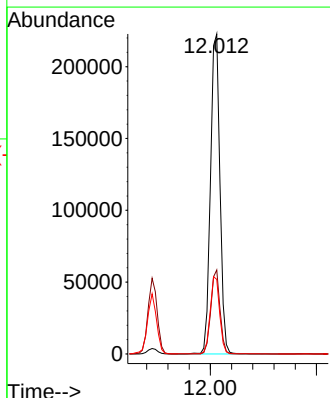
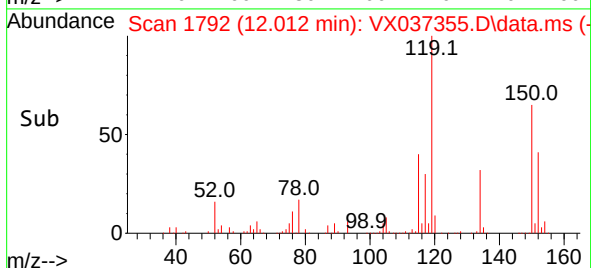
Reviewed By :John Carlone 08/30/2023
 Supervised By :Mahesh Dadoda 08/31/2023

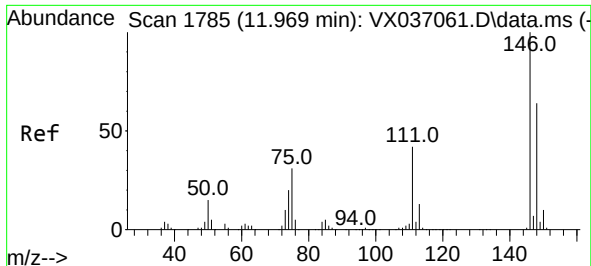


#86
 p-Isopropyltoluene
 Concen: 47.132 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX037355.D
 Acq: 29 Aug 2023 20:56



Tgt Ion:119 Resp: 274833
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 24.0 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.118 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 16038

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.1

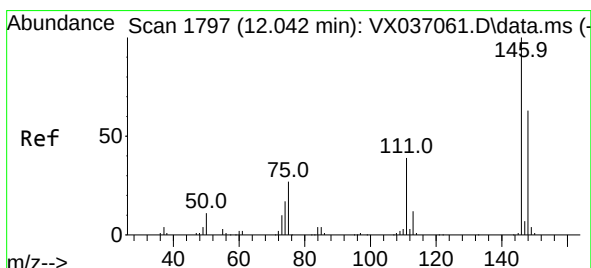
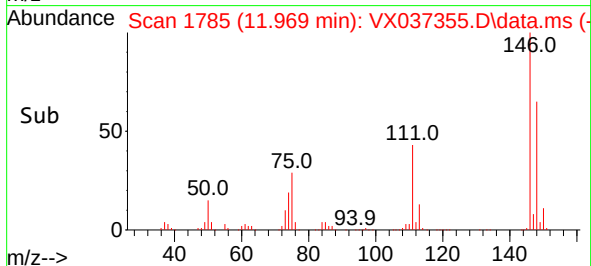
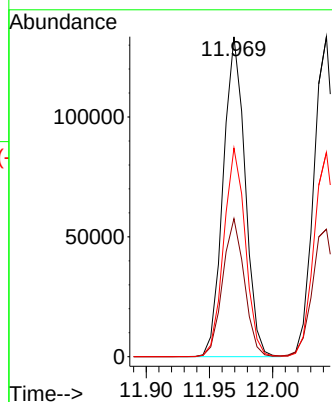
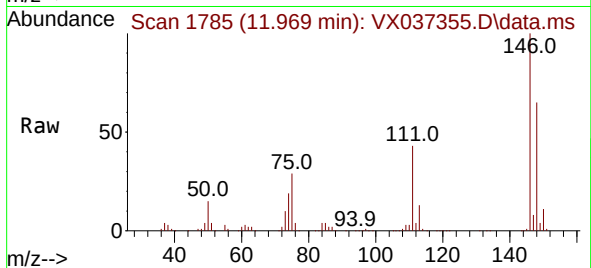
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/30/2023

Supervised By :Mahesh Dadoda 08/31/2023



#88

1,4-Dichlorobenzene

Concen: 47.258 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037355.D

Acq: 29 Aug 2023 20:56

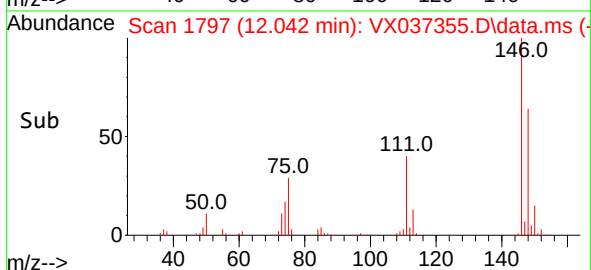
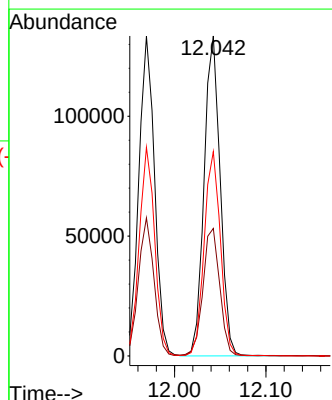
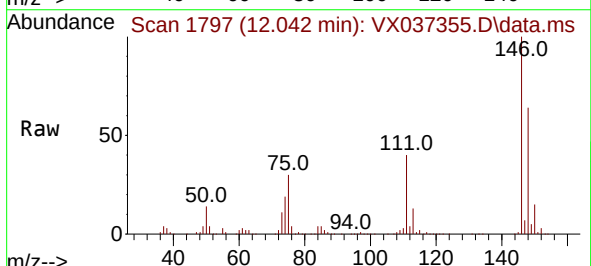
Tgt Ion:146 Resp: 162738

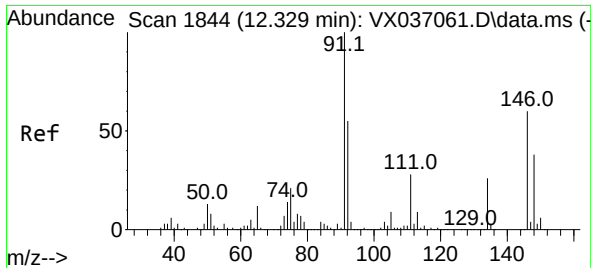
Ion Ratio Lower Upper

146 100

111 41.7 21.3 63.7

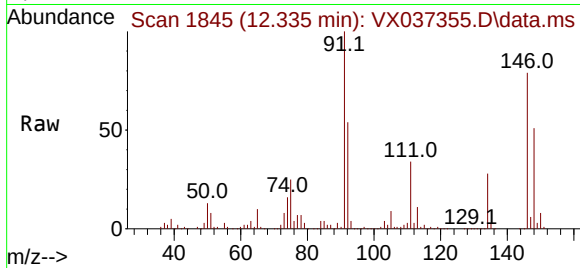
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 44.134 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

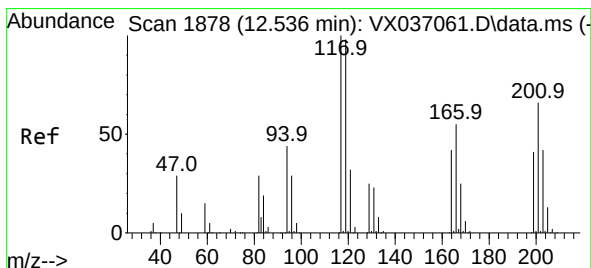
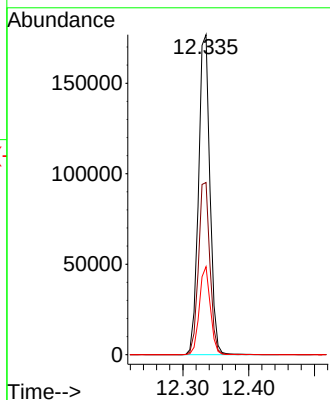
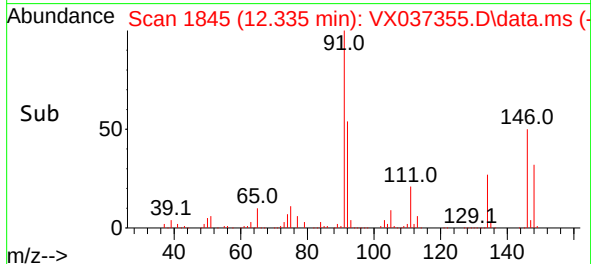
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 21336
Ion Ratio Lower Upper
91 100
92 54.1 27.4 82.0
134 26.5 12.6 37.8

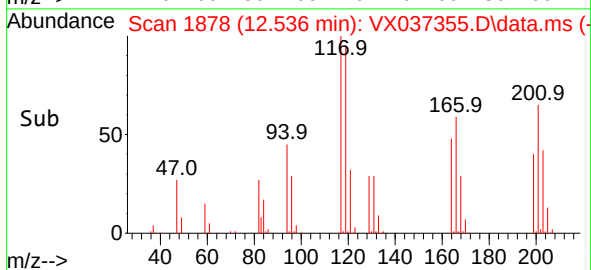
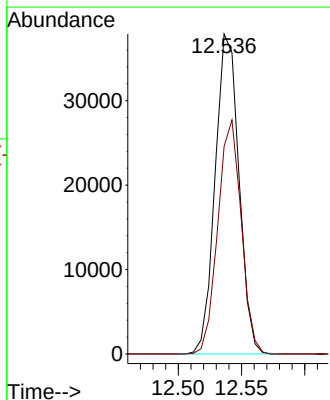
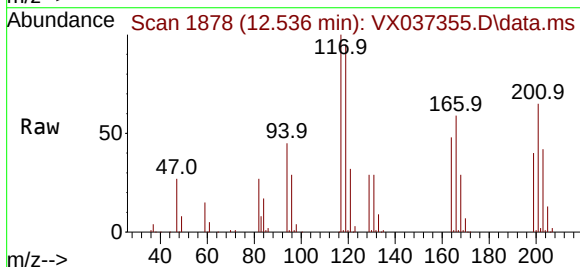
Manual Integrations
APPROVED

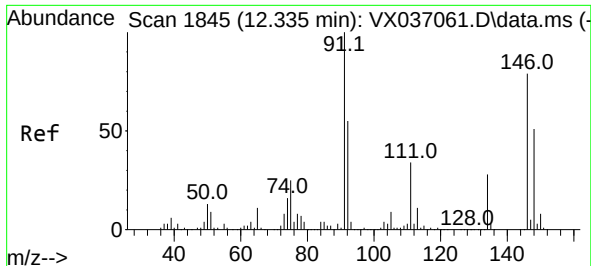
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#90
Hexachloroethane
Concen: 50.729 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

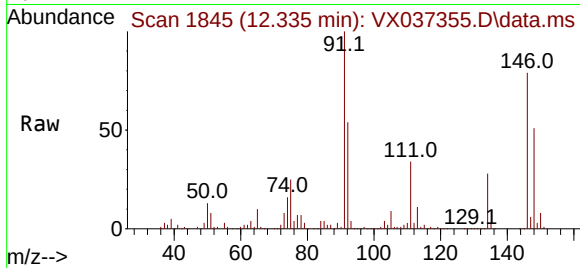
Tgt Ion:117 Resp: 49373
Ion Ratio Lower Upper
117 100
201 72.0 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 52.381 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

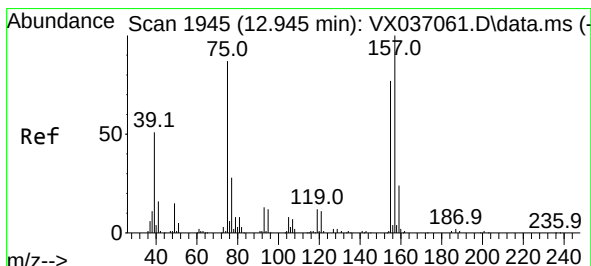
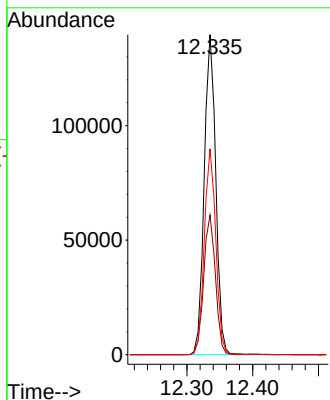
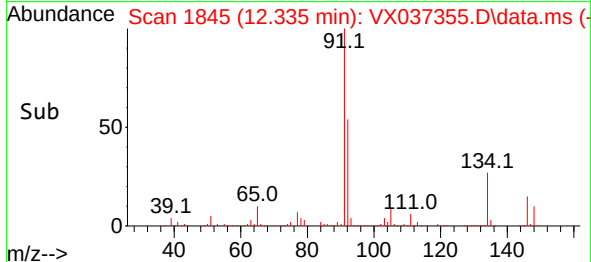
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



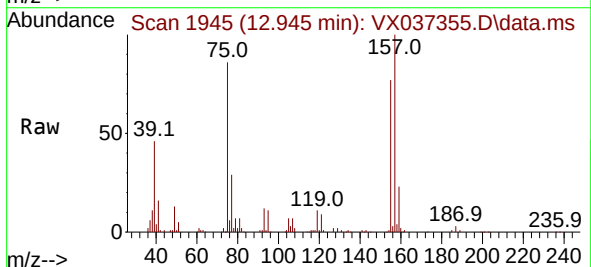
Tgt Ion:146 Resp: 170962
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.0
148 64.0 31.6 95.0

Manual Integrations
APPROVED

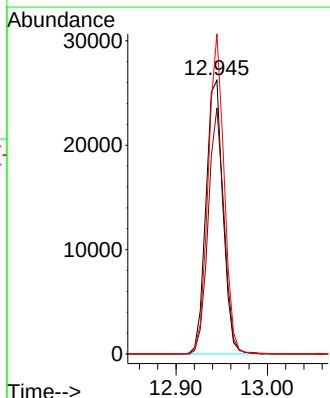
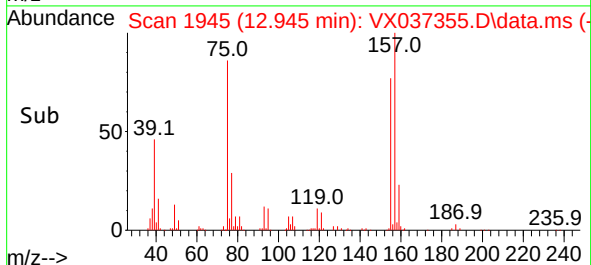
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023

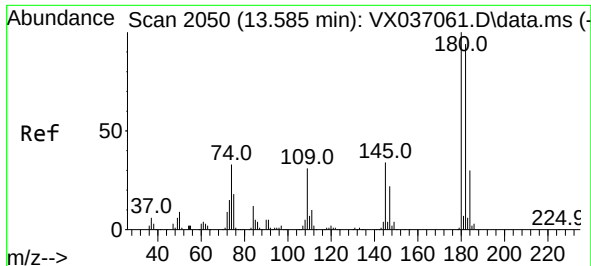


#92
1,2-Dibromo-3-Chloropropane
Concen: 59.284 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



Tgt Ion: 75 Resp: 33817
Ion Ratio Lower Upper
75 100
155 84.4 36.1 108.5
157 109.8 44.9 134.7





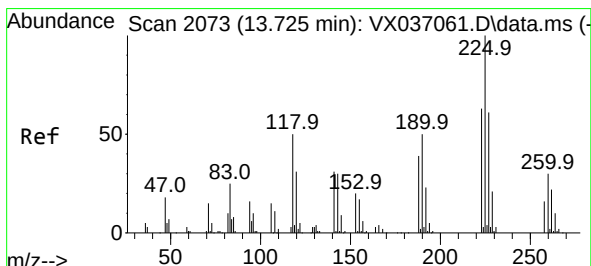
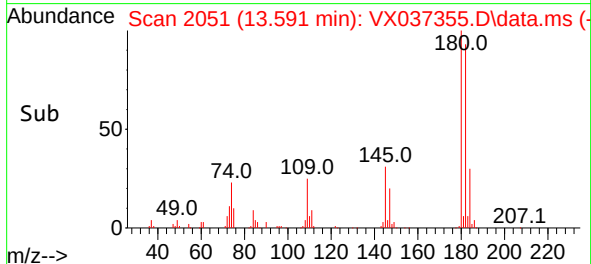
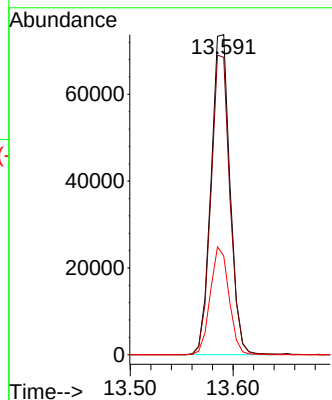
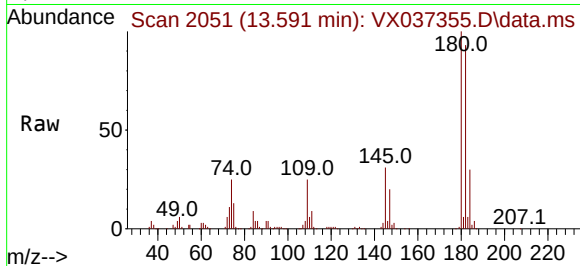
#93
1,2,4-Trichlorobenzene
Concen: 49.569 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:180 Resp: 9466
Ion Ratio Lower Upper
180 100
182 93.6 48.3 144.8
145 33.1 18.0 54.0

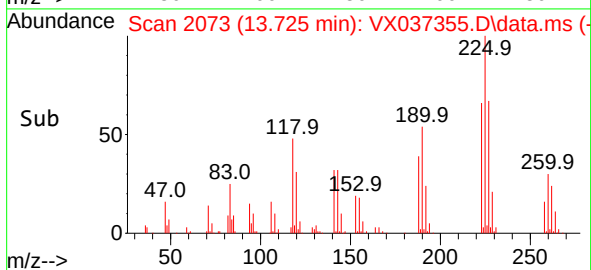
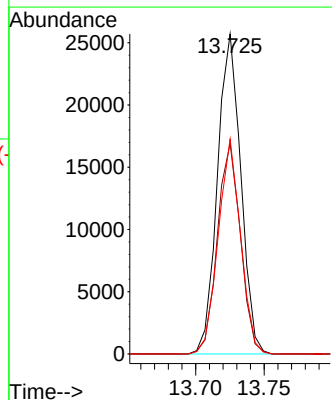
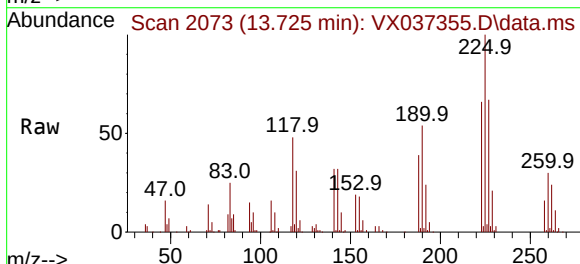
Manual Integrations
APPROVED

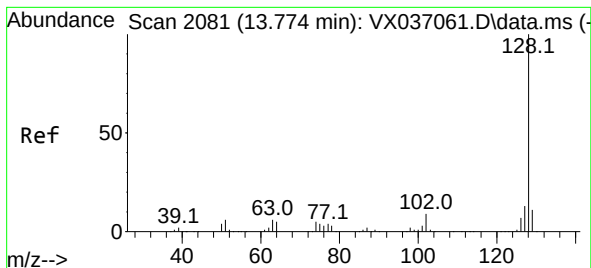
Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#94
Hexachlorobutadiene
Concen: 41.238 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

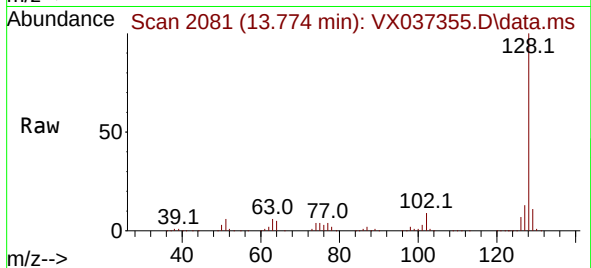
Tgt Ion:225 Resp: 30424
Ion Ratio Lower Upper
225 100
223 64.9 31.1 93.2
227 64.4 32.5 97.5





#95
Naphthalene
Concen: 47.851 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56

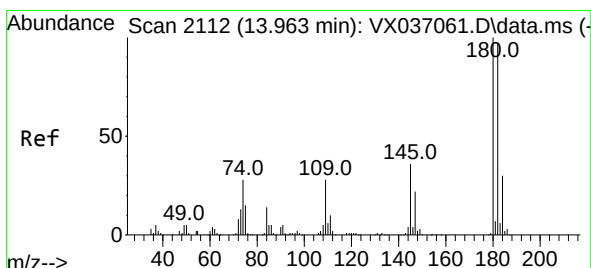
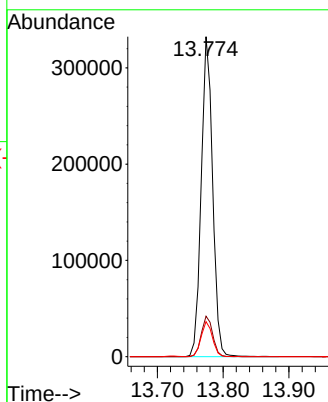
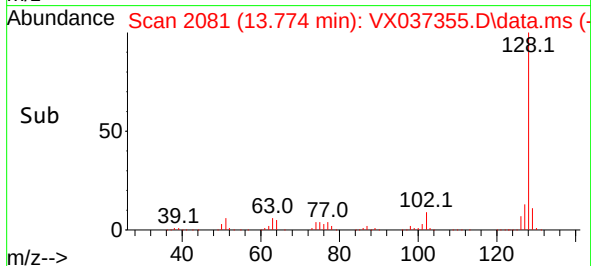
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



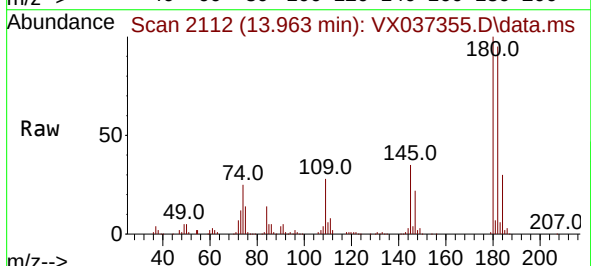
Tgt Ion:128 Resp: 400290
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/30/2023
Supervised By :Mahesh Dadoda 08/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 53.793 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX037355.D
Acq: 29 Aug 2023 20:56



Tgt Ion:180 Resp: 102063
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.6
145 35.4 17.8 53.5

