

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035407.D
 Acq On : 28 Apr 2023 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: Apr 29 00:45:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	407438	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	177987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	151753	49.435	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.860%		
35) Dibromofluoromethane	5.385	113	125885	50.339	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.680%		
50) Toluene-d8	8.647	98	462161	48.991	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.079	95	176568	49.755	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	132796	49.323	ug/l	99
3) Chloromethane	1.294	50	110650	45.177	ug/l	99
4) Vinyl Chloride	1.374	62	115179	46.887	ug/l	99
5) Bromomethane	1.617	94	72550	44.435	ug/l	95
6) Chloroethane	1.691	64	65569	45.638	ug/l	99
7) Trichlorofluoromethane	1.886	101	187454	48.797	ug/l	99
8) Diethyl Ether	2.130	74	67895	48.474	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	120931	47.133	ug/l	95
10) Methyl Iodide	2.453	142	149392	46.135	ug/l	98
11) Tert butyl alcohol	3.020	59	135260	241.993	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	120005	48.559	ug/l	97
13) Acrolein	2.239	56	151057	274.808	ug/l	99
14) Allyl chloride	2.666	41	205618	47.279	ug/l	98
15) Acrylonitrile	3.068	53	327051	233.947	ug/l	100
16) Acetone	2.392	43	281539	211.167	ug/l	100
17) Carbon Disulfide	2.514	76	273436	46.155	ug/l	99
18) Methyl Acetate	2.703	43	246935	47.896	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	427119	50.377	ug/l	97
20) Methylene Chloride	2.788	84	137517	44.983	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	127797	47.614	ug/l	97
22) Diisopropyl ether	3.757	45	417346	48.494	ug/l	94
23) Vinyl Acetate	3.721	43	1465394	247.715	ug/l	98
24) 1,1-Dichloroethane	3.611	63	237610	49.015	ug/l	99
25) 2-Butanone	4.562	43	438300	225.230	ug/l	94
26) 2,2-Dichloropropane	4.477	77	172137	45.325	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	154267	48.896	ug/l	93
28) Bromochloromethane	4.903	49	89634	43.389	ug/l	84
29) Tetrahydrofuran	5.013	42	283240	227.049	ug/l	94
30) Chloroform	5.092	83	244325	49.926	ug/l	99
31) Cyclohexane	5.470	56	206989	47.534	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	214901	50.108	ug/l	96
36) 1,1-Dichloropropene	5.690	75	181293	46.429	ug/l	98
37) Ethyl Acetate	4.708	43	171482	48.083	ug/l	95
38) Carbon Tetrachloride	5.678	117	184240	49.703	ug/l	98
39) Methylcyclohexane	7.379	83	217437	45.747	ug/l	99
40) Benzene	6.037	78	534444	47.712	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	98339	48.122	ug/l	97
42) 1,2-Dichloroethane	6.086	62	191933	48.057	ug/l	98
43) Isopropyl Acetate	6.336	43	288108	48.077	ug/l	95
44) Trichloroethene	7.123	130	148571	48.147	ug/l	94
45) 1,2-Dichloropropane	7.427	63	137749	48.778	ug/l	97
46) Dibromomethane	7.580	93	94781	48.874	ug/l	93
47) Bromodichloromethane	7.818	83	180189	50.430	ug/l	97
48) Methyl methacrylate	7.690	41	144259	49.075	ug/l	91
49) 1,4-Dioxane	7.720	88	69065	963.893	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	863049	234.419	ug/l	96
52) Toluene	8.720	92	341306	48.069	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	193200	51.776	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	216613	51.359	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	135579	47.899	ug/l	97
56) Ethyl methacrylate	9.116	69	213960	50.743	ug/l	89
57) 1,3-Dichloropropane	9.305	76	232497	48.023	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	530653	251.693	ug/l	94
59) 2-Hexanone	9.427	43	642095	232.153	ug/l	94
60) Dibromochloromethane	9.518	129	141131	52.040	ug/l	99
61) 1,2-Dibromoethane	9.610	107	142259	48.753	ug/l	99
64) Tetrachloroethene	9.275	164	130545	46.991	ug/l	99
65) Chlorobenzene	10.079	112	368118	46.895	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	136128	49.829	ug/l	98
67) Ethyl Benzene	10.195	91	653552	48.076	ug/l	100
68) m/p-Xylenes	10.299	106	497718	95.549	ug/l	99
69) o-Xylene	10.640	106	243849	47.739	ug/l	99
70) Styrene	10.652	104	409571	49.453	ug/l	98
71) Bromoform	10.799	173	98781	51.983	ug/l #	100
73) Isopropylbenzene	10.963	105	644717	49.553	ug/l	99
74) N-amyl acetate	10.841	43	247705	50.661	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	196022	48.541	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	159161m	44.829	ug/l	
77) Bromobenzene	11.195	156	160783	49.714	ug/l	91
78) n-propylbenzene	11.305	91	724272	48.470	ug/l	99
79) 2-Chlorotoluene	11.366	91	445523	47.714	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	536428	48.897	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	51818	47.270	ug/l	99
82) 4-Chlorotoluene	11.457	91	508691	48.506	ug/l	98
83) tert-Butylbenzene	11.713	119	532612	48.387	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	542864	49.249	ug/l	100
85) sec-Butylbenzene	11.890	105	639558	47.368	ug/l	99
86) p-Isopropyltoluene	12.006	119	551784	48.051	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	294102	47.851	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	293247	45.506	ug/l	100
89) n-Butylbenzene	12.329	91	441419	45.536	ug/l	99
90) Hexachloroethane	12.536	117	88627	50.418	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	294866	47.967	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40181	49.621	ug/l	80
93) 1,2,4-Trichlorobenzene	13.585	180	183112	47.389	ug/l	98
94) Hexachlorobutadiene	13.725	225	74880	44.156	ug/l	98
95) Naphthalene	13.774	128	607221	51.047	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	179368	46.113	ug/l	99

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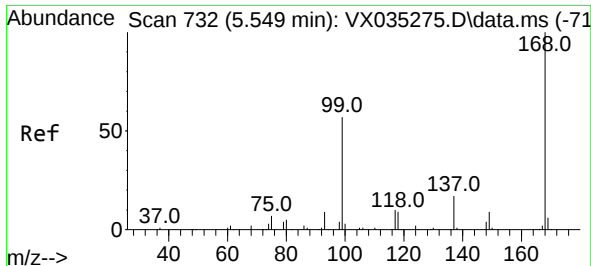
Manual Integrations
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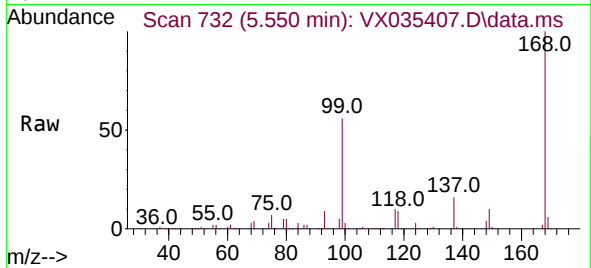
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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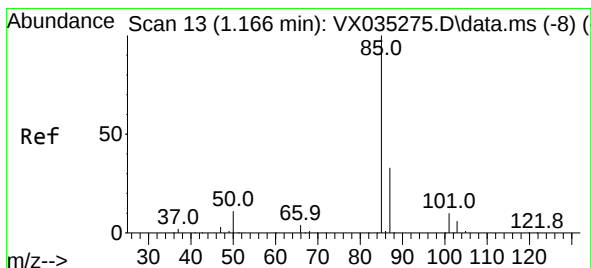
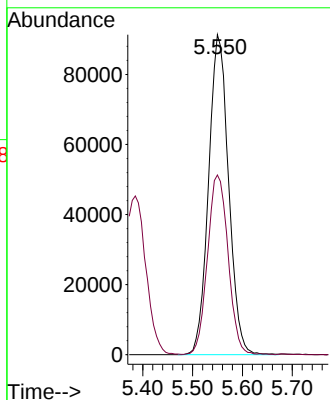
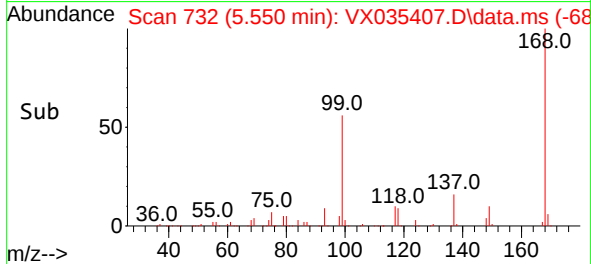
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VSTDCCC050EC



Tgt Ion:168 Resp: 254448
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5

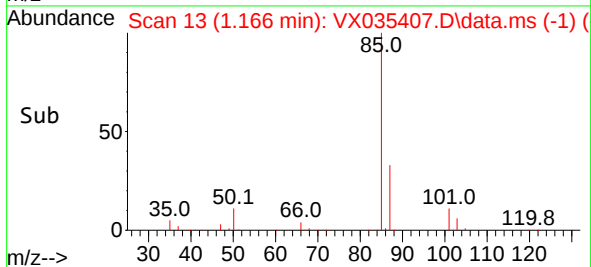
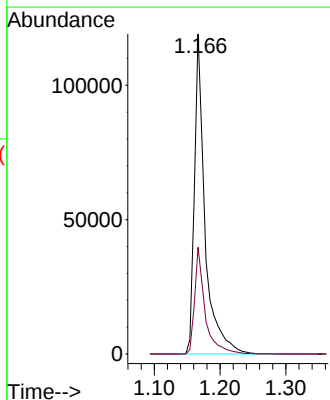
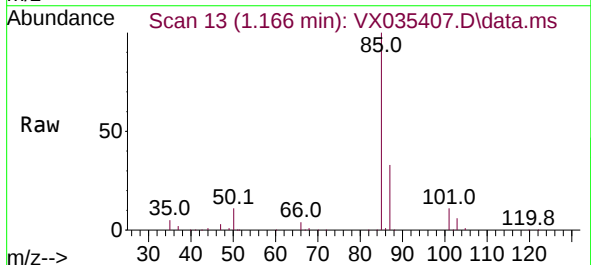
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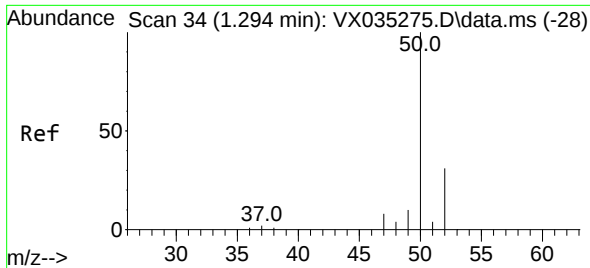
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#2
Dichlorodifluoromethane
Concen: 49.323 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

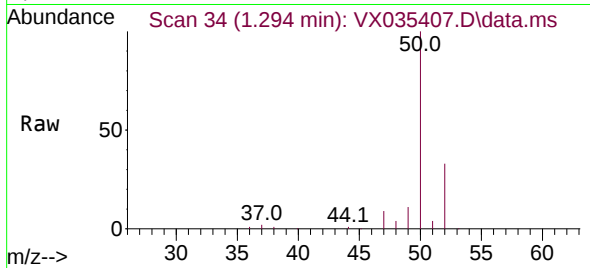
Tgt Ion: 85 Resp: 132796
Ion Ratio Lower Upper
85 100
87 33.4 16.4 49.1





#3
Chloromethane
Concen: 45.177 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

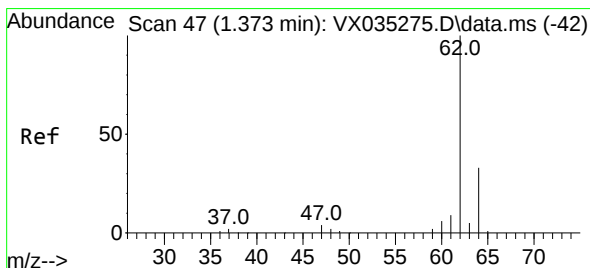
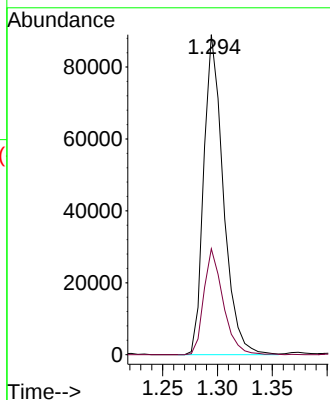
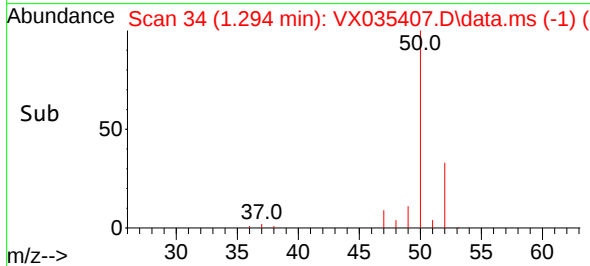
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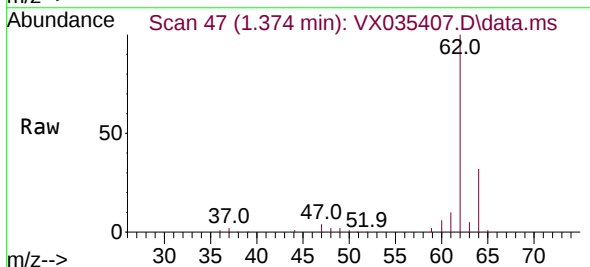
Tgt Ion: 50 Resp: 110650
Ion Ratio Lower Upper
50 100
52 33.1 25.9 38.9

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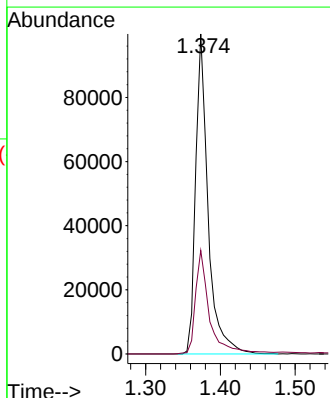
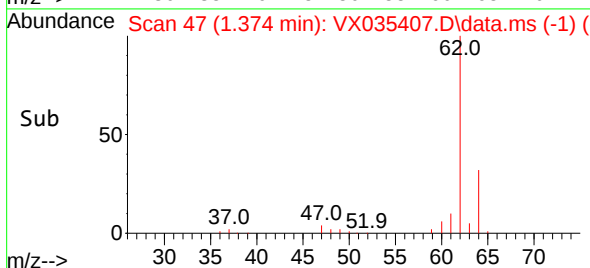
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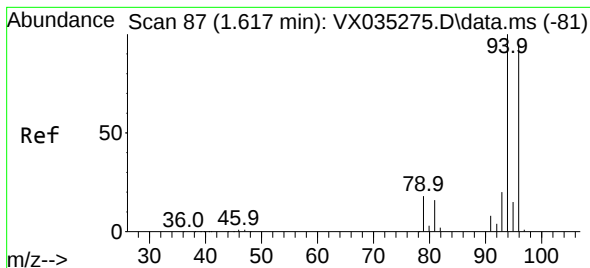


#4
Vinyl Chloride
Concen: 46.887 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



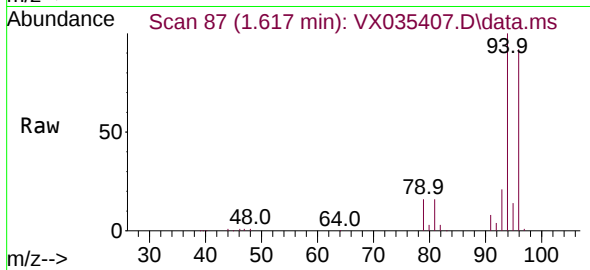
Tgt Ion: 62 Resp: 115179
Ion Ratio Lower Upper
62 100
64 32.2 26.4 39.6





#5
Bromomethane
Concen: 44.435 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

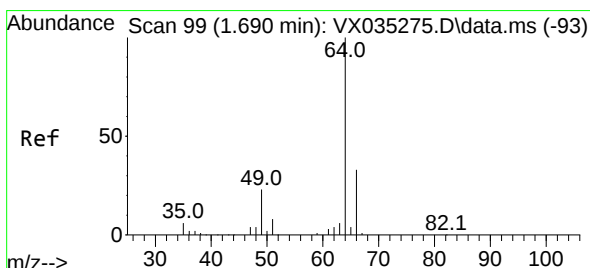
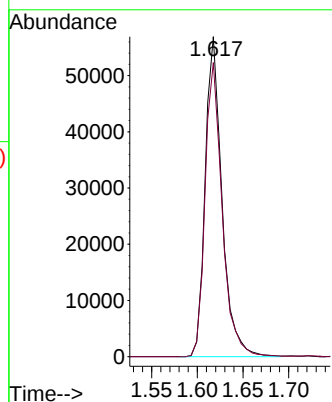
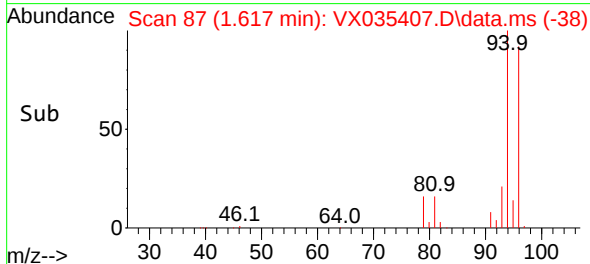
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Tgt Ion: 94 Resp: 72550
Ion Ratio Lower Upper
94 100
96 91.9 77.0 115.6

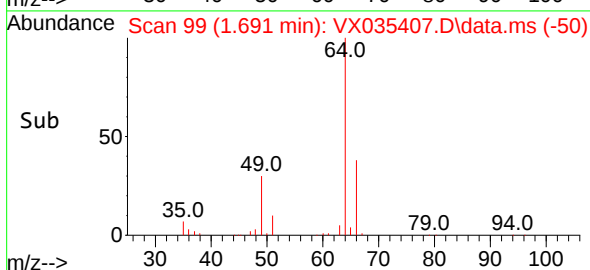
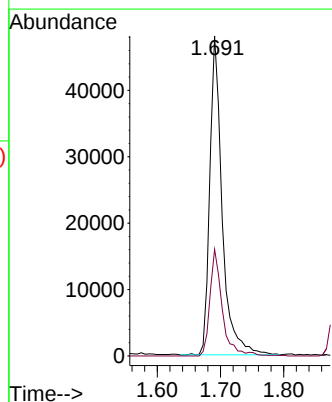
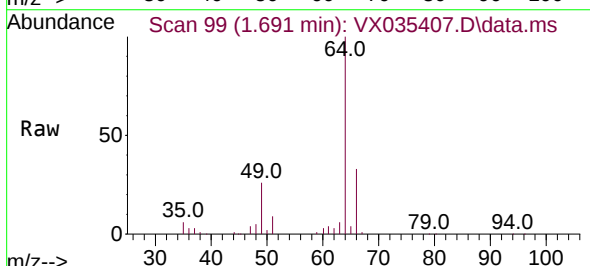
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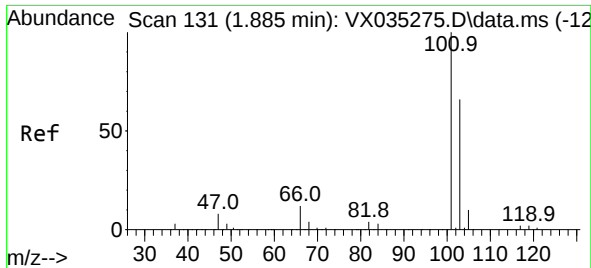
Reviewed By :John Carlone 04/29/2023
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#6
Chloroethane
Concen: 45.638 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX035407.D
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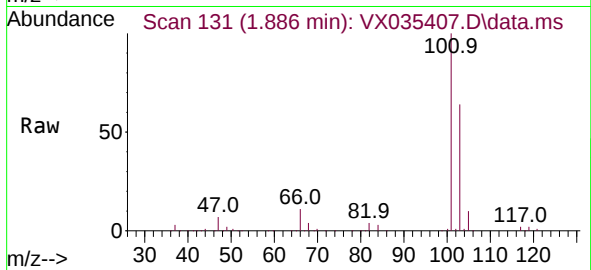
Tgt Ion: 64 Resp: 65569
Ion Ratio Lower Upper
64 100
66 33.4 26.2 39.4





#7
Trichlorofluoromethane
Concen: 48.797 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035407.D
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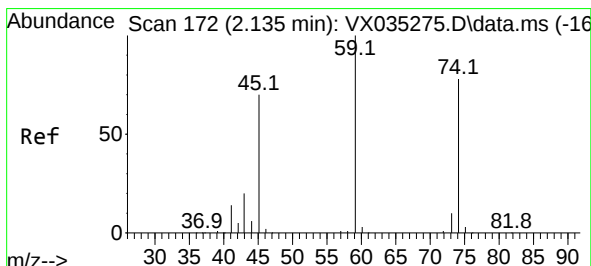
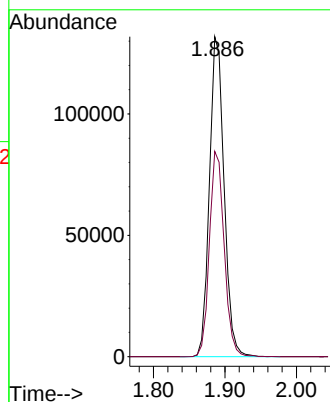
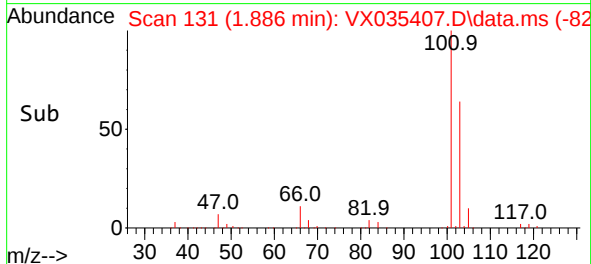
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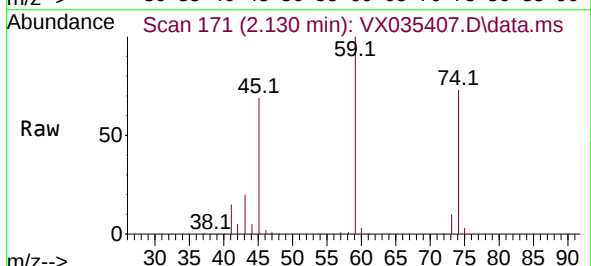
Tgt Ion:101 Resp: 187454
Ion Ratio Lower Upper
101 100
103 64.1 52.0 78.0

Manual Integrations
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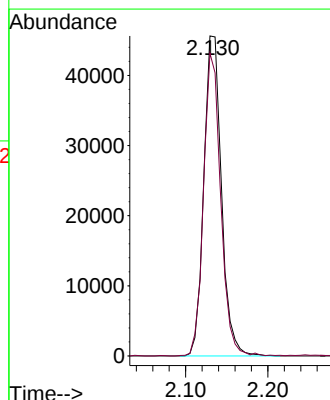
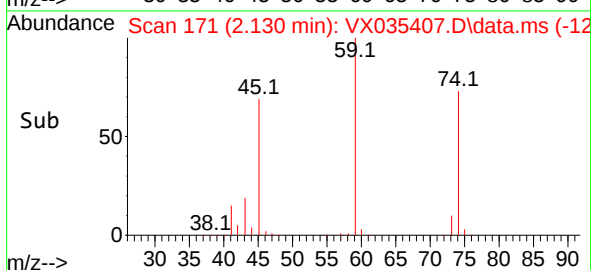
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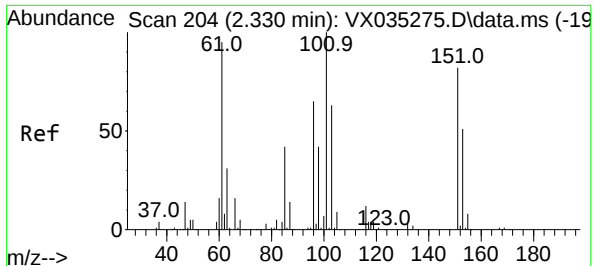


#8
Diethyl Ether
Concen: 48.474 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
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Tgt Ion: 74 Resp: 67895
Ion Ratio Lower Upper
74 100
45 92.2 49.8 149.3





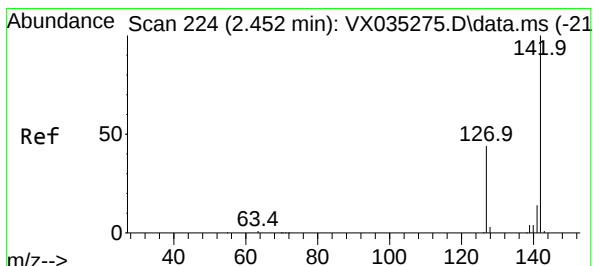
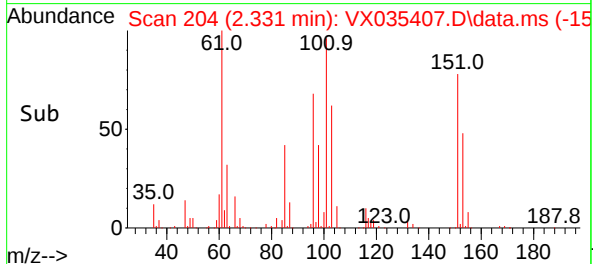
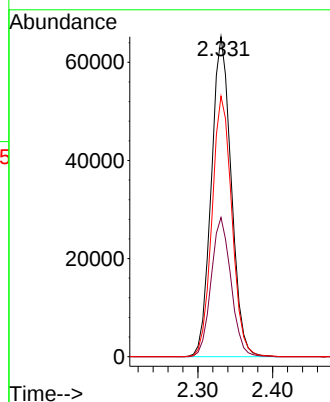
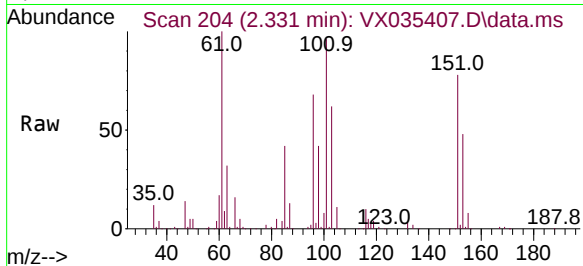
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.133 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 12093
Ion Ratio Lower Upper
101 100
85 43.1 35.4 53.2
151 81.2 60.2 90.4

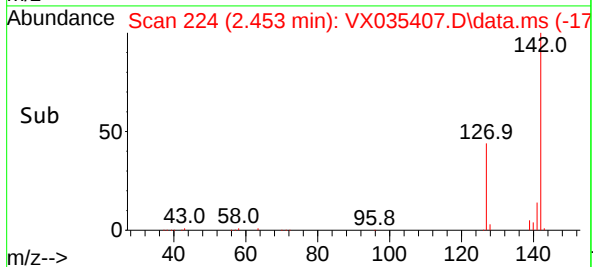
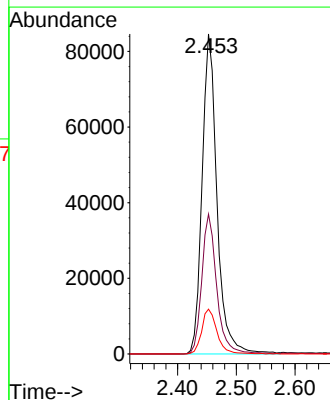
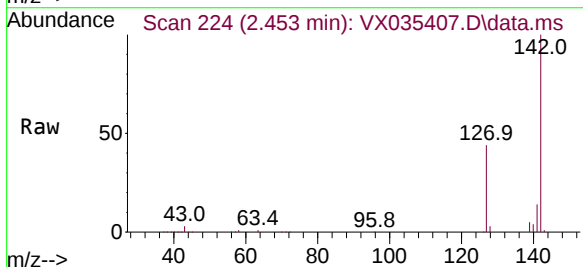
Manual Integrations
APPROVED

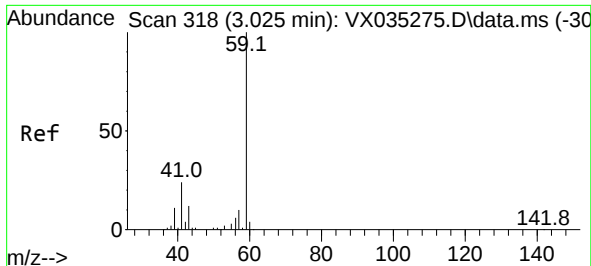
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#10
Methyl Iodide
Concen: 46.135 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

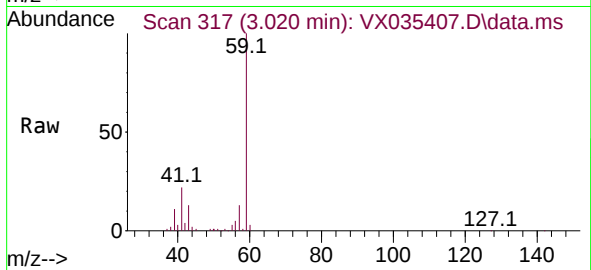
Tgt Ion:142 Resp: 149392
Ion Ratio Lower Upper
142 100
127 43.8 34.0 51.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 241.993 ug/l
RT: 3.020 min Scan# 318
Delta R.T. -0.005 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

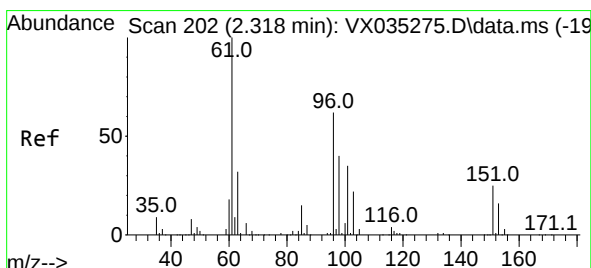
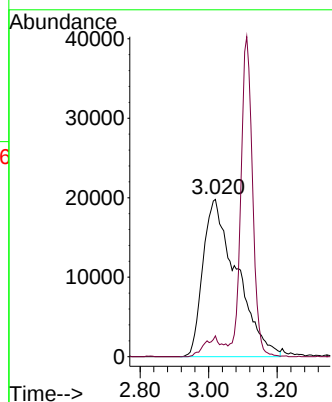
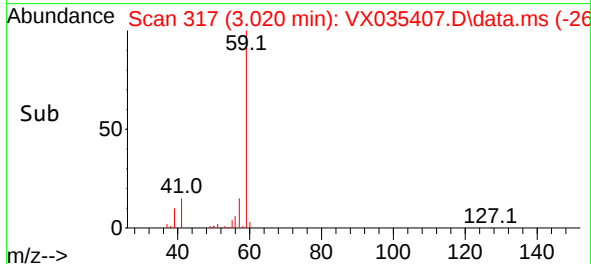
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 135260
Ion Ratio Lower Upper
59 100
57 6.9 8.1 12.1

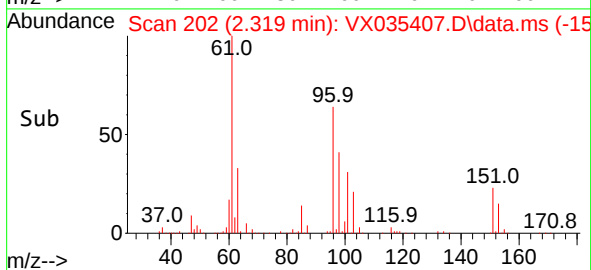
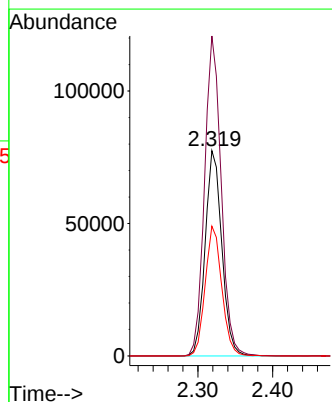
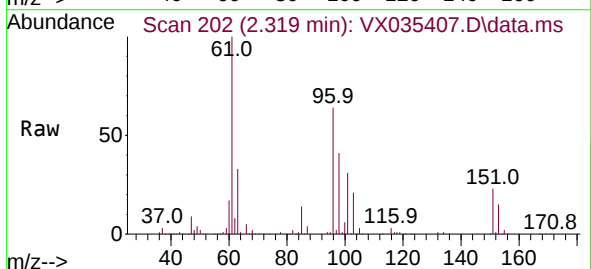
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#12
1,1-Dichloroethene
Concen: 48.559 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

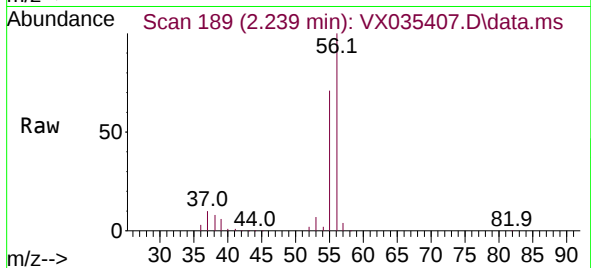
Tgt Ion: 96 Resp: 120005
Ion Ratio Lower Upper
96 100
61 155.9 128.8 193.2
98 63.2 51.4 77.0





#13
Acrolein
Concen: 274.808 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

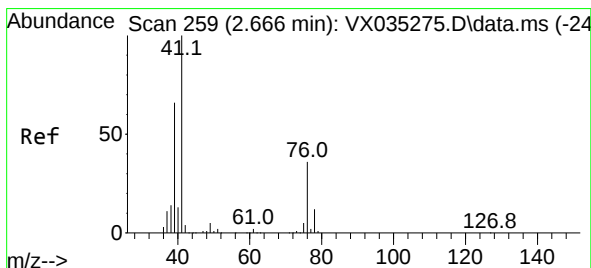
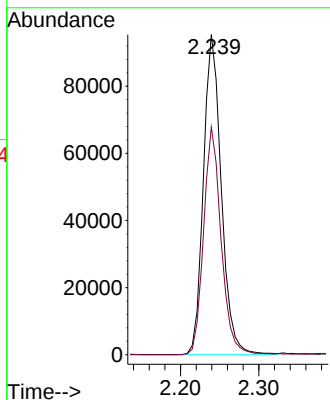
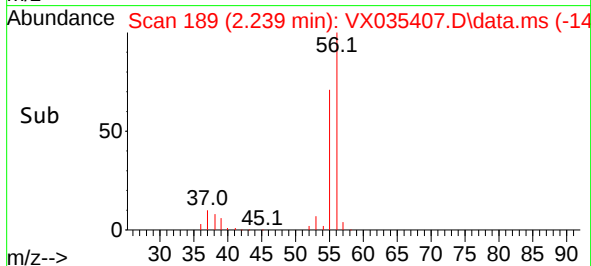
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 15105
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0

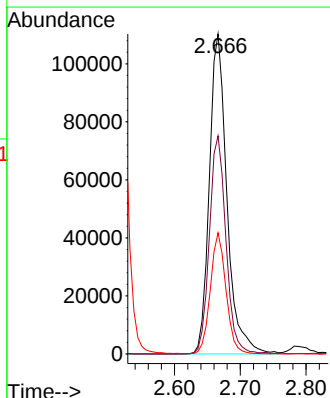
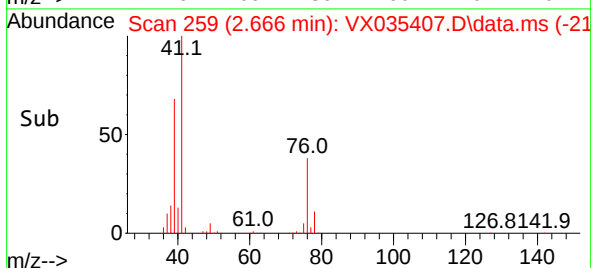
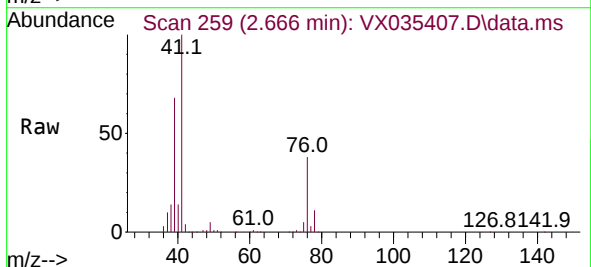
Manual Integrations
APPROVED

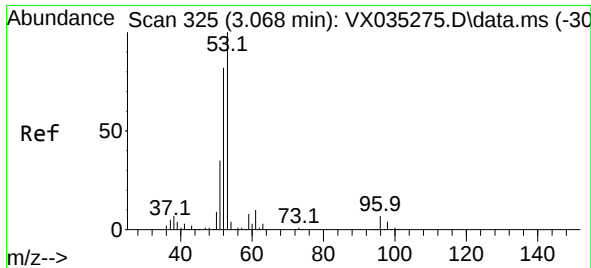
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#14
Allyl chloride
Concen: 47.279 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

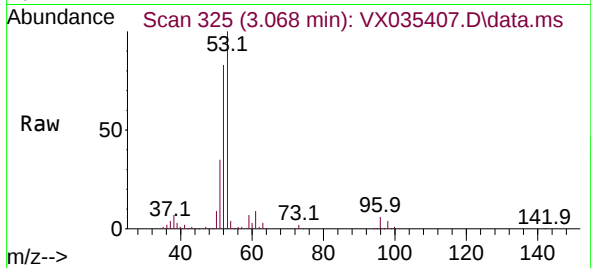
Tgt Ion: 41 Resp: 205618
Ion Ratio Lower Upper
41 100
39 64.4 52.4 78.6
76 33.6 26.0 39.0





#15
Acrylonitrile
Concen: 233.947 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

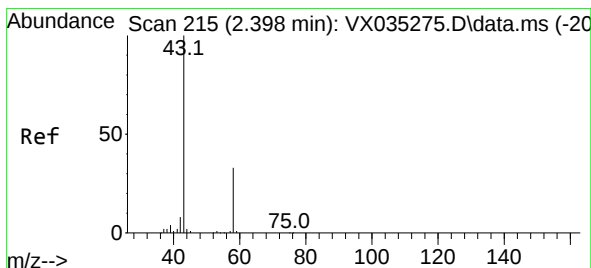
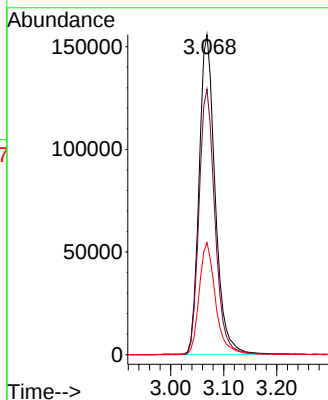
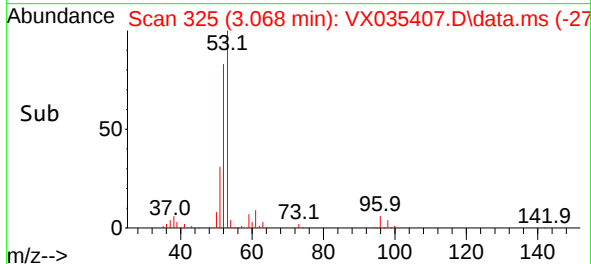
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



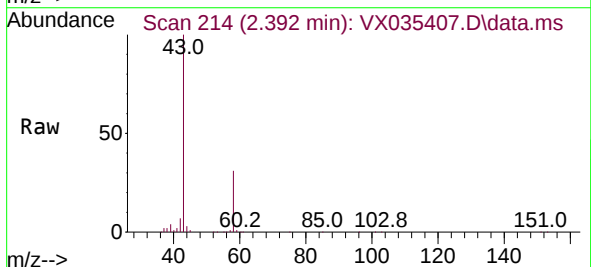
Tgt Ion: 53 Resp: 32705
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.9 28.3 42.5

Manual Integrations
APPROVED

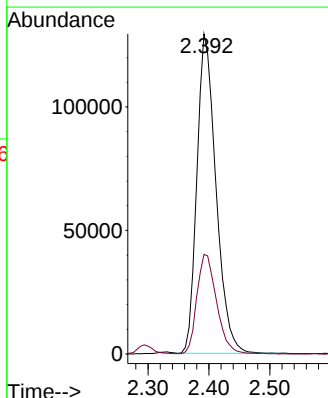
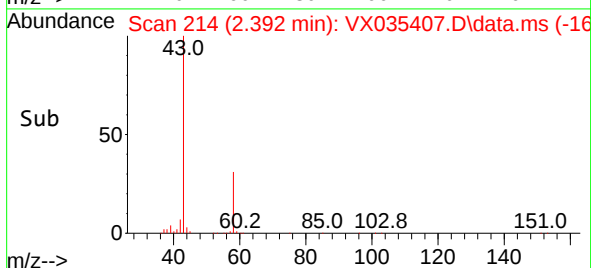
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

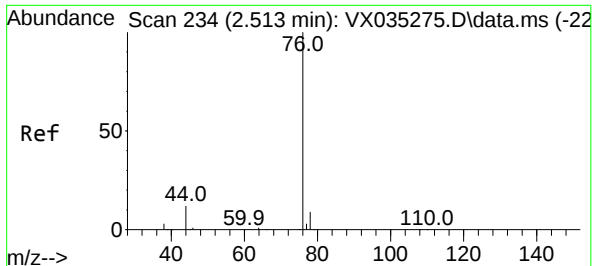


#16
Acetone
Concen: 211.167 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



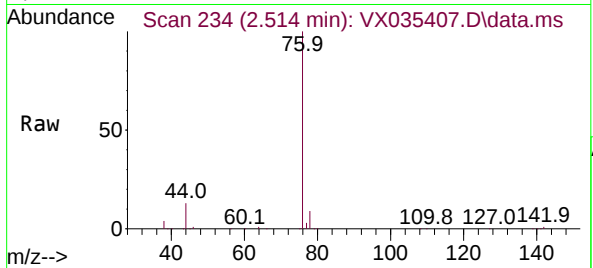
Tgt Ion: 43 Resp: 281539
Ion Ratio Lower Upper
43 100
58 31.2 24.7 37.1





#17
Carbon Disulfide
Concen: 46.155 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

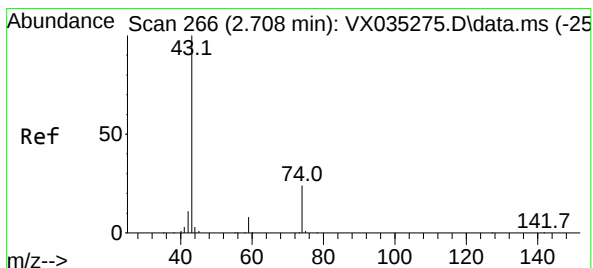
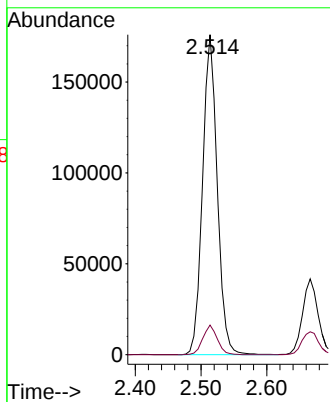
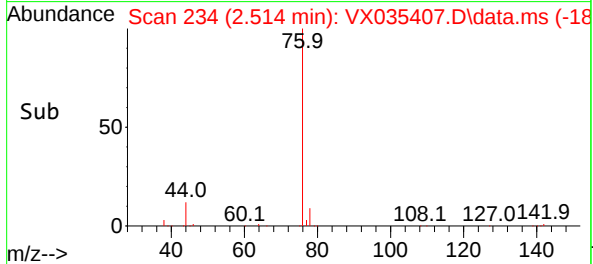
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



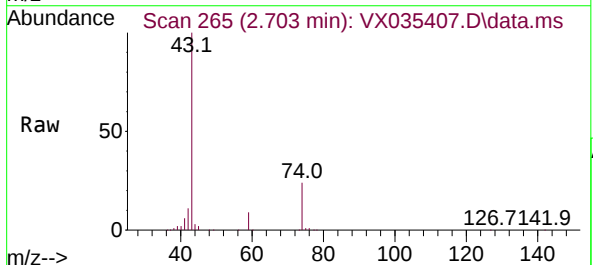
Tgt Ion: 76 Resp: 273430
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

Manual Integrations
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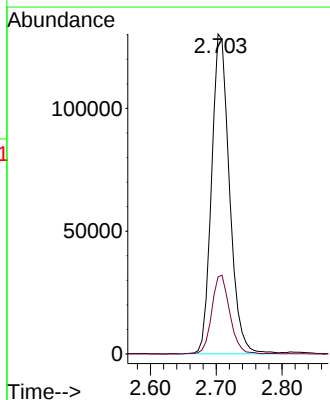
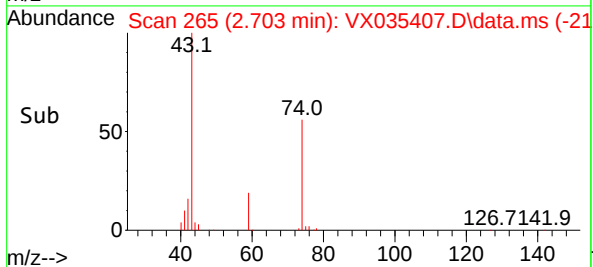
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

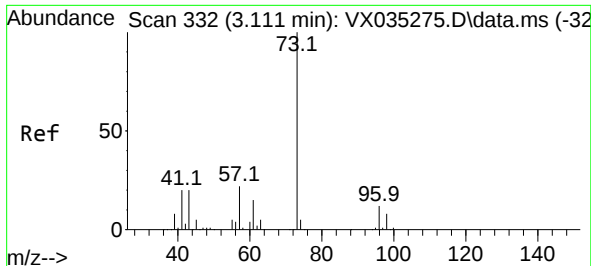


#18
Methyl Acetate
Concen: 47.896 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.005 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



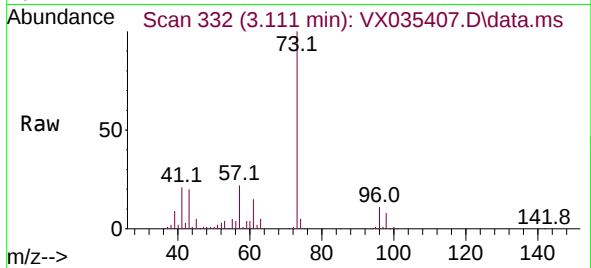
Tgt Ion: 43 Resp: 246935
Ion Ratio Lower Upper
43 100
74 24.8 18.3 27.5





#19
Methyl tert-butyl Ether
Concen: 50.377 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

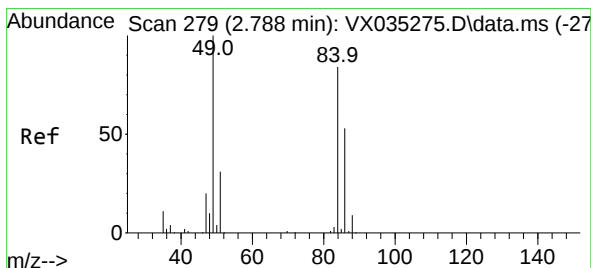
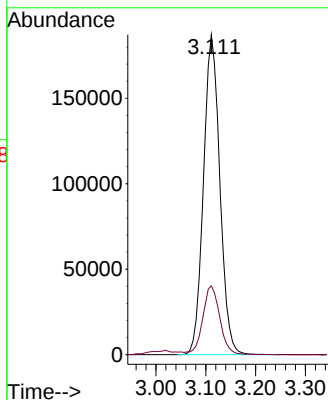
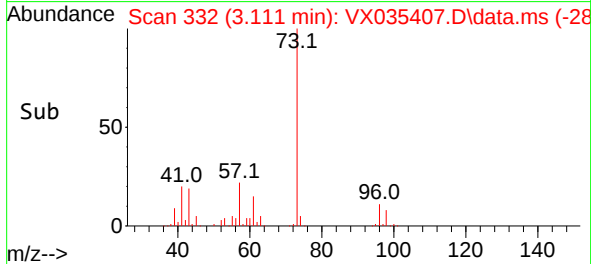
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 427119
Ion Ratio Lower Upper
73 100
57 21.5 18.5 27.7

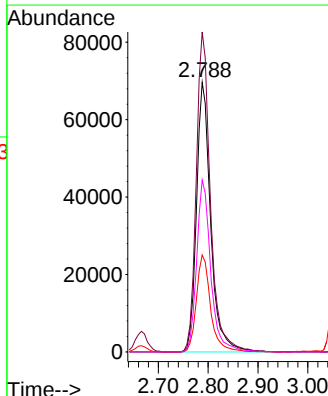
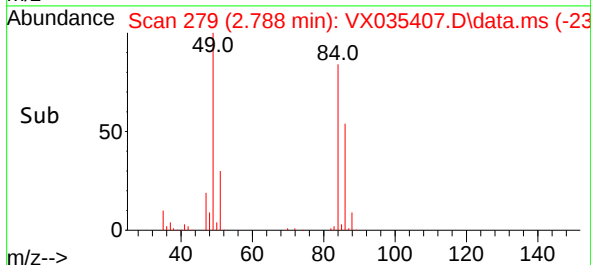
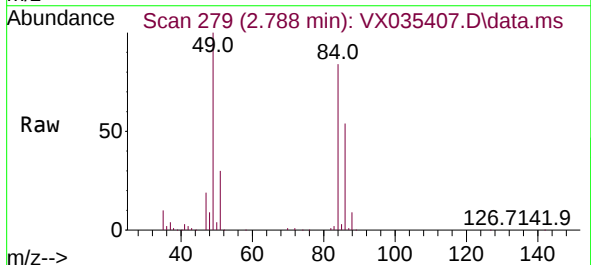
Manual Integrations
APPROVED

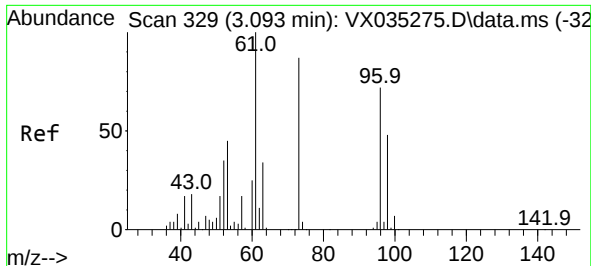
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#20
Methylene Chloride
Concen: 44.983 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

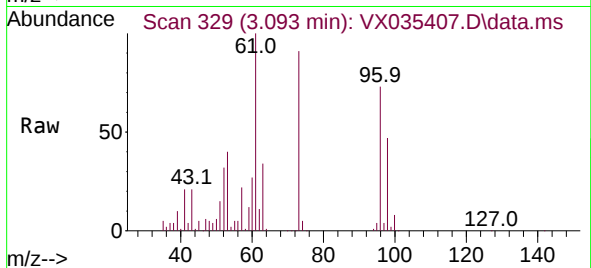
Tgt Ion: 84 Resp: 137517
Ion Ratio Lower Upper
84 100
49 118.7 103.8 155.8
51 35.9 31.8 47.8
86 63.8 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 47.614 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

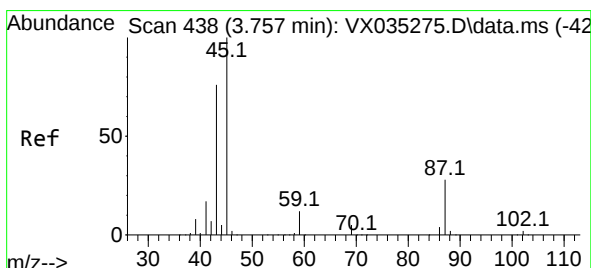
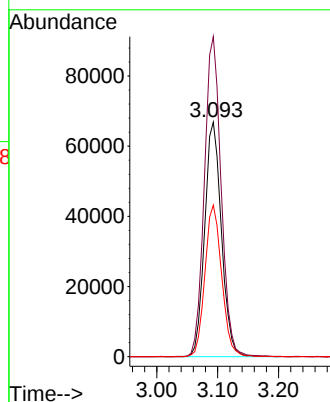
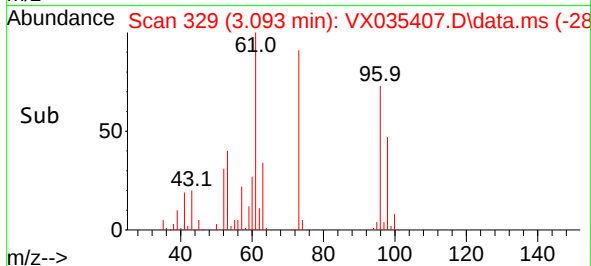
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



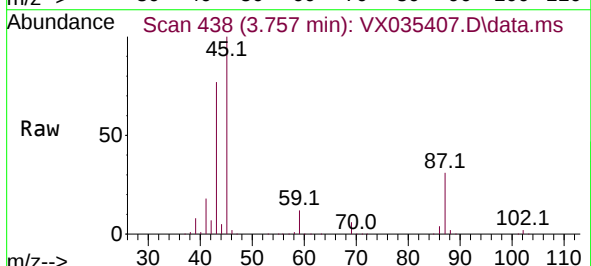
Tgt Ion: 96 Resp: 12779
Ion Ratio Lower Upper
96 100
61 136.3 113.0 169.6
98 64.6 52.1 78.1

Manual Integrations
APPROVED

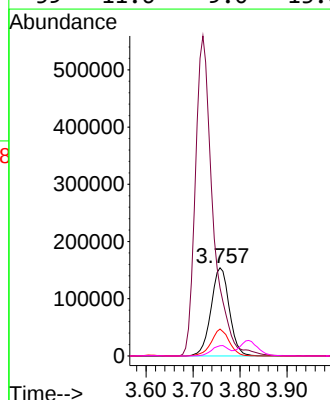
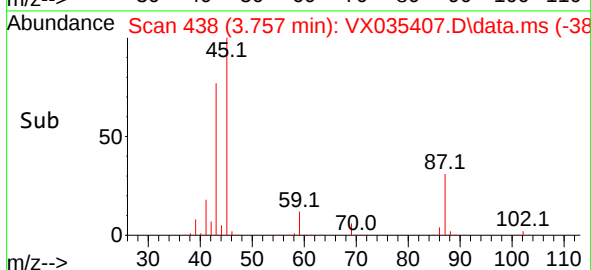
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#22
Diisopropyl ether
Concen: 48.494 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



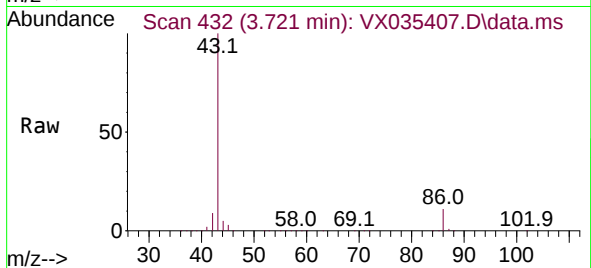
Tgt Ion: 45 Resp: 417346
Ion Ratio Lower Upper
45 100
43 76.9 65.4 98.2
87 30.5 20.6 31.0
59 11.6 9.0 13.6





#23
 Vinyl Acetate
 Concen: 247.715 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.001 min
 Lab File: VX035407.D
 Acq: 28 Apr 2023 21:31

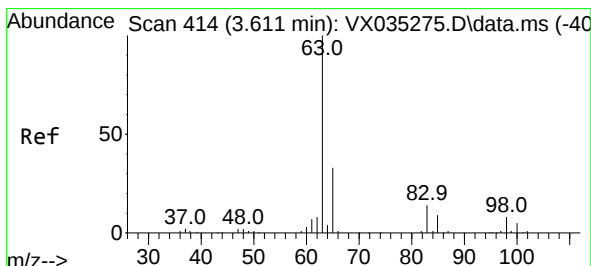
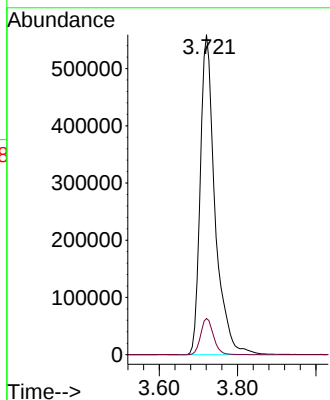
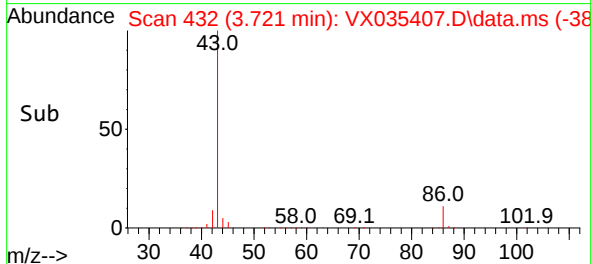
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



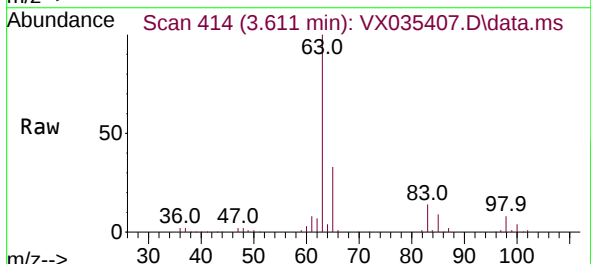
Tgt Ion: 43 Resp: 1465394
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.5 12.7

Manual Integrations
 APPROVED

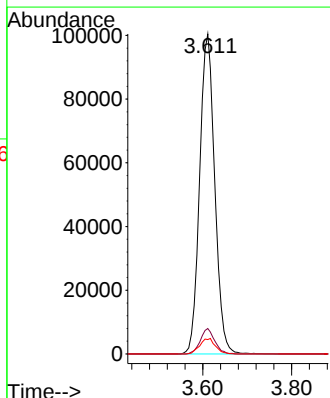
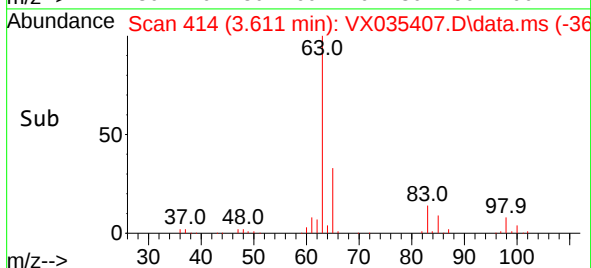
Reviewed By :John Carlone 04/29/2023
 Supervised By :Mahesh Dadoda 05/01/2023

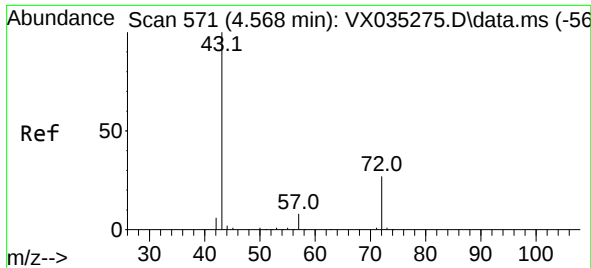


#24
 1,1-Dichloroethane
 Concen: 49.015 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035407.D
 Acq: 28 Apr 2023 21:31



Tgt Ion: 63 Resp: 237610
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 4.5 2.4 7.1





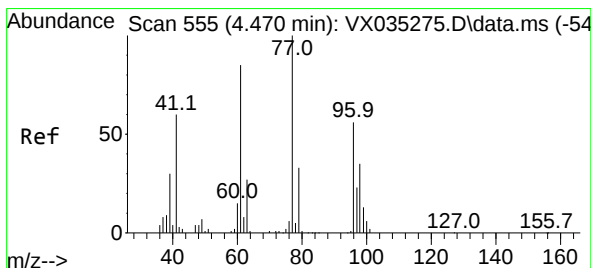
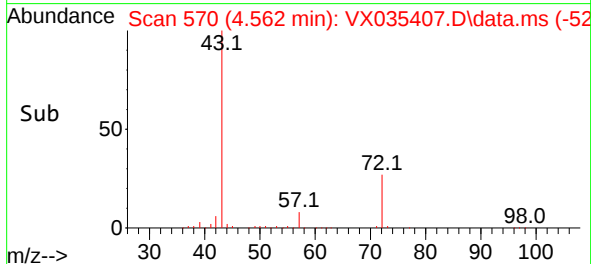
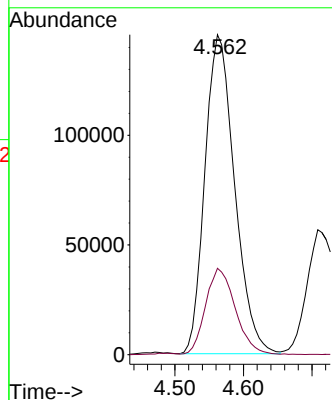
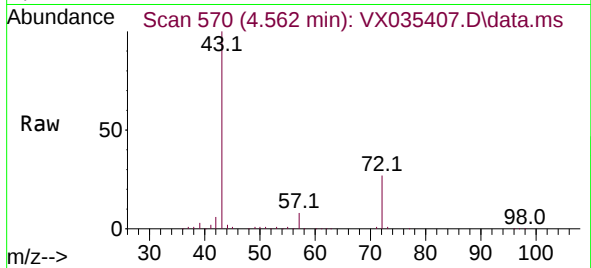
#25
2-Butanone
Concen: 225.230 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 438300
Ion Ratio Lower Upper
43 100
72 26.9 19.3 28.9

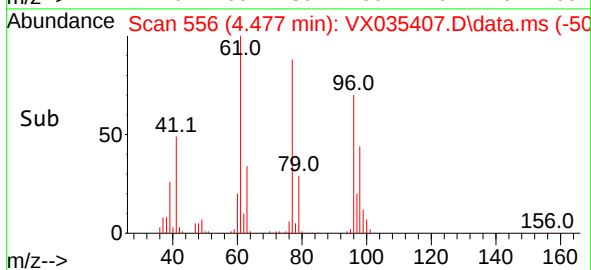
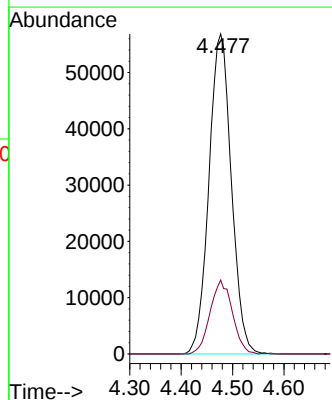
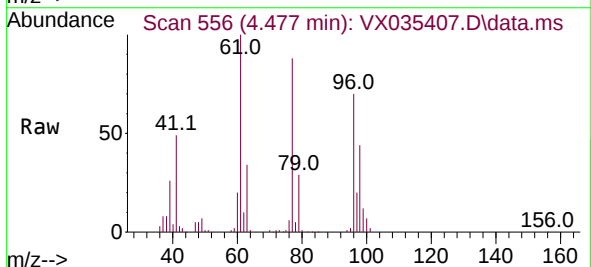
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#26
2,2-Dichloropropane
Concen: 45.325 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.007 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 77 Resp: 172137
Ion Ratio Lower Upper
77 100
97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.896 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 15426

Ion Ratio Lower Upper

96 100

61 138.4 0.0 300.4

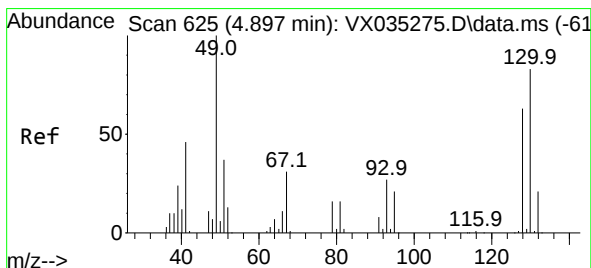
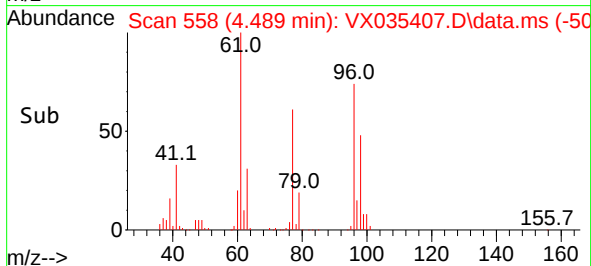
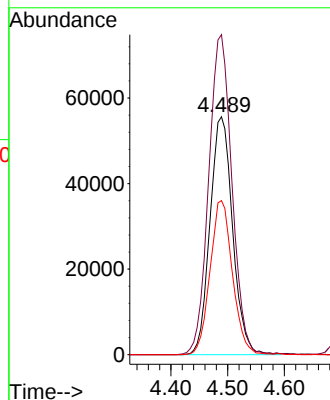
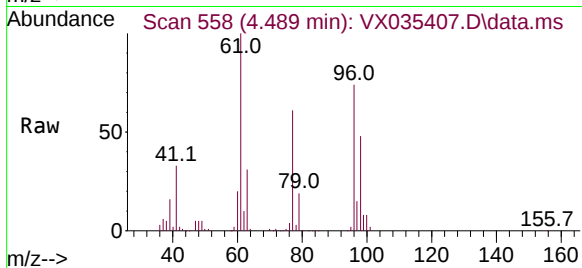
98 64.0 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#28

Bromochloromethane

Concen: 43.389 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

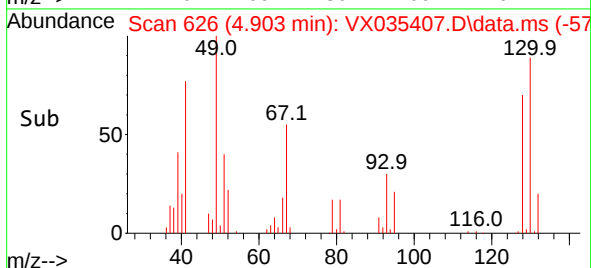
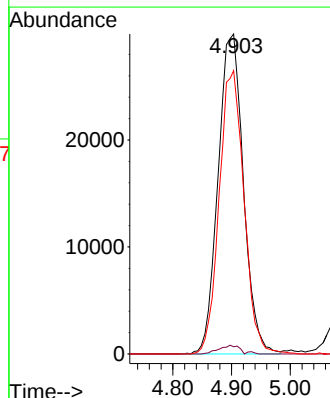
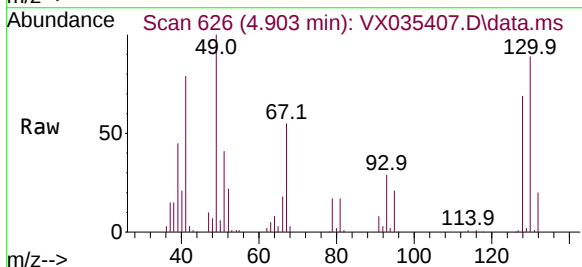
Tgt Ion: 49 Resp: 89634

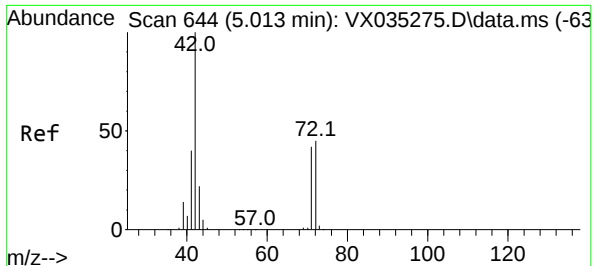
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.0

130 86.7 58.2 87.2





#29

Tetrahydrofuran

Concen: 227.049 ug/l

RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 283240

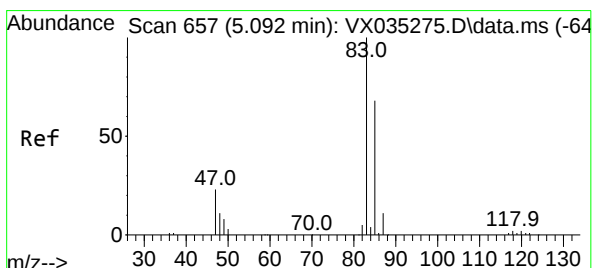
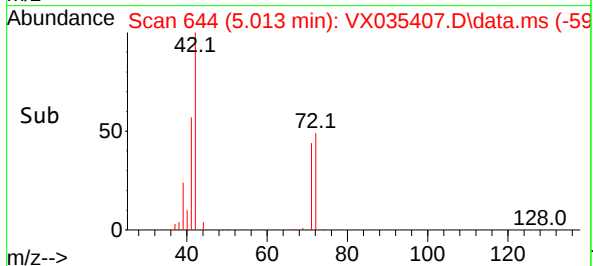
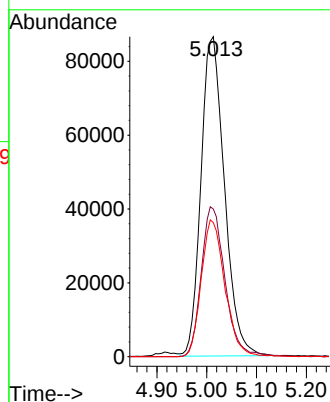
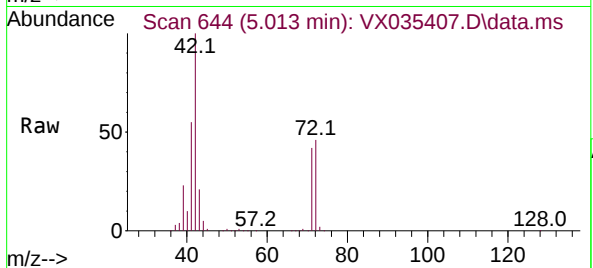
Ion	Ratio	Lower	Upper
42	100		
72	47.4	34.5	51.7
71	43.0	32.1	48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#30

Chloroform

Concen: 49.926 ug/l

RT: 5.092 min Scan# 657

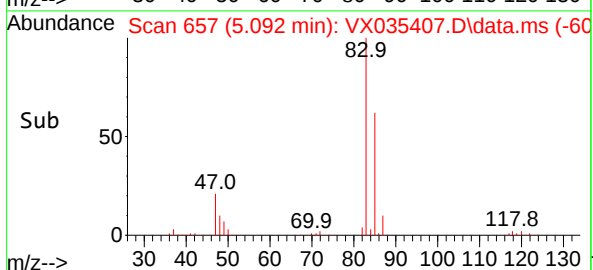
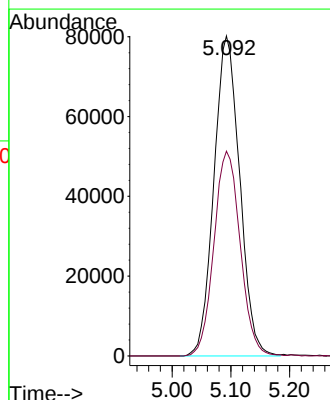
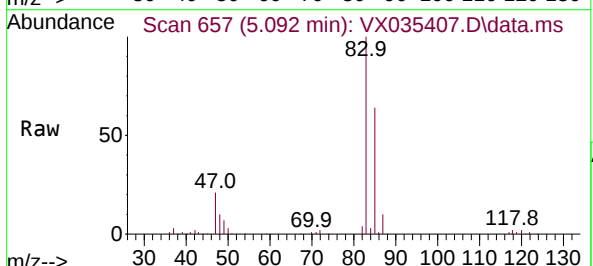
Delta R.T. 0.000 min

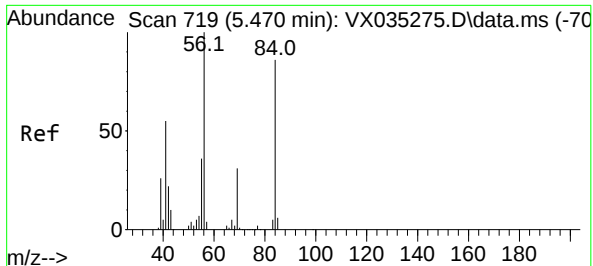
Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Tgt Ion: 83 Resp: 244325

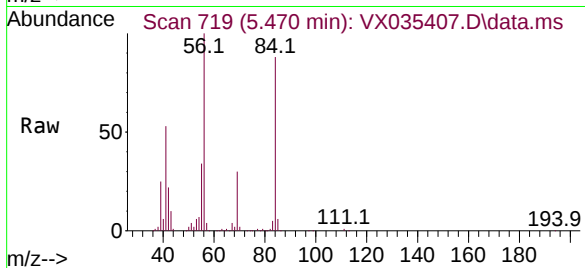
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.6	76.0





#31
Cyclohexane
Concen: 47.534 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

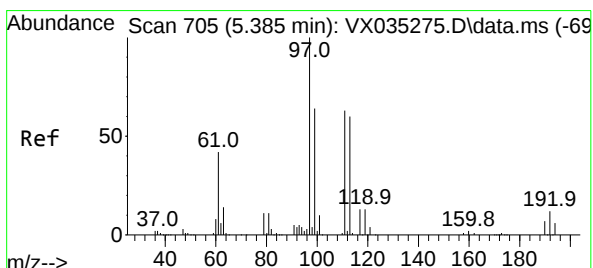
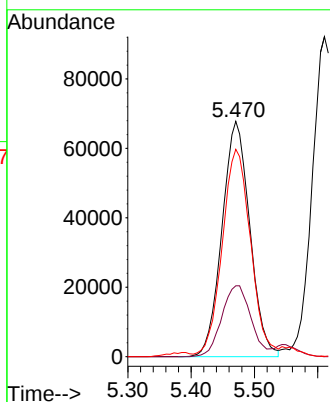
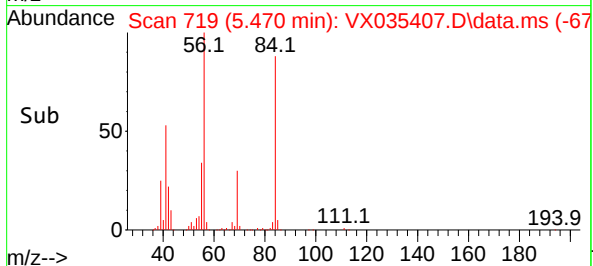
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 206989
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 86.7 68.5 102.7

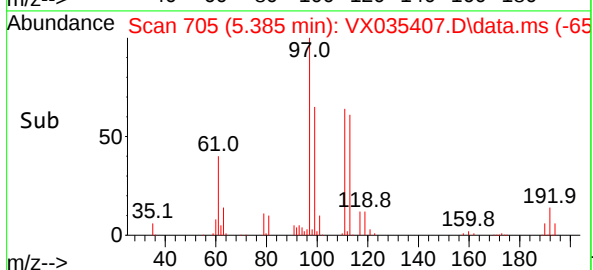
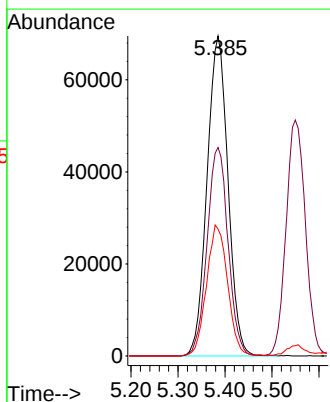
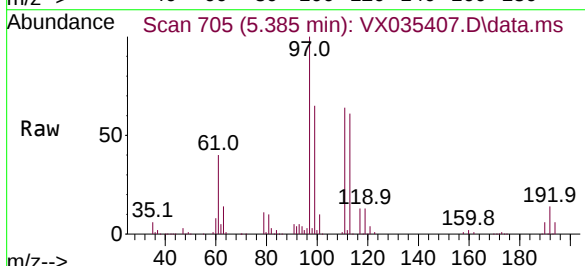
Manual Integrations
APPROVED

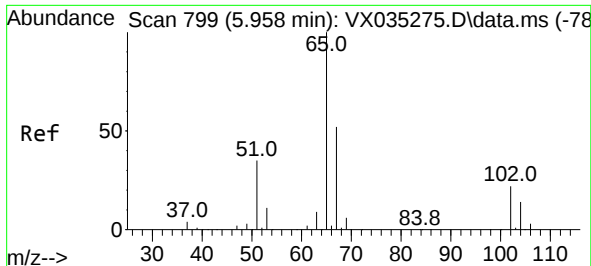
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#32
1,1,1-Trichloroethane
Concen: 50.108 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 97 Resp: 214901
Ion Ratio Lower Upper
97 100
99 65.3 51.1 76.7
61 41.2 36.5 54.7





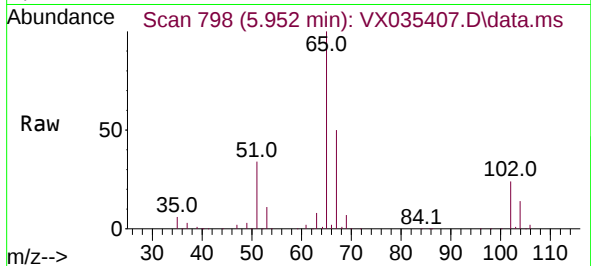
#33
1,2-Dichloroethane-d4
Concen: 49.435 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

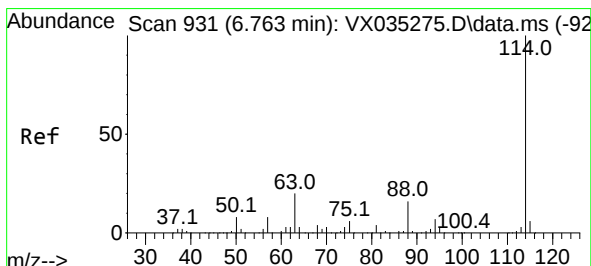
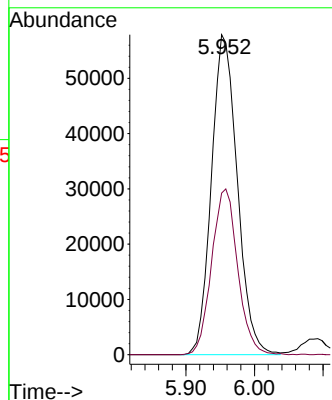
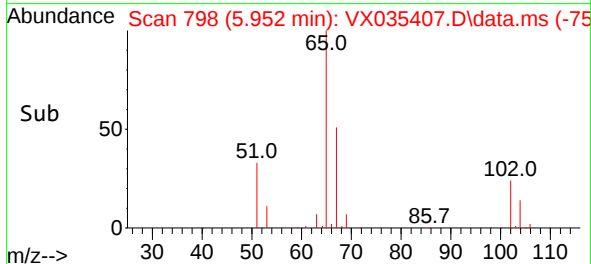


Tgt Ion: 65 Resp: 15175
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

Manual Integrations

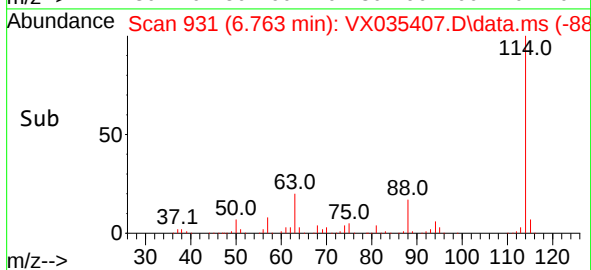
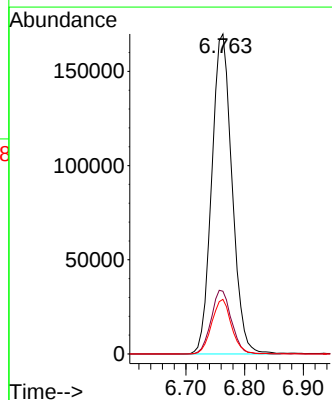
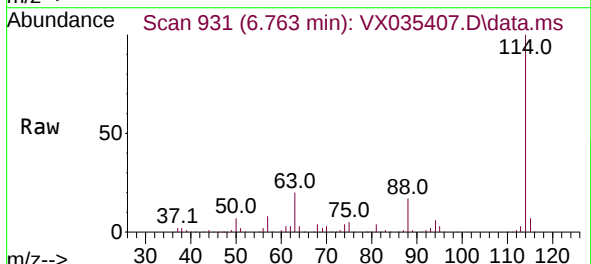
APPROVED

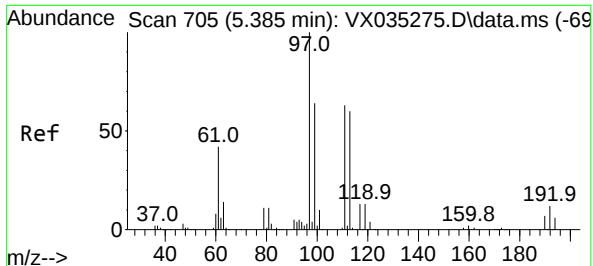
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

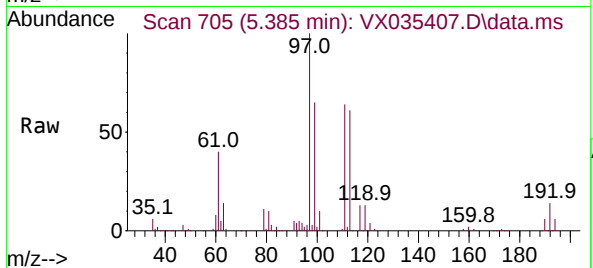
Tgt Ion:114 Resp: 407438
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.2
88 17.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 50.339 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

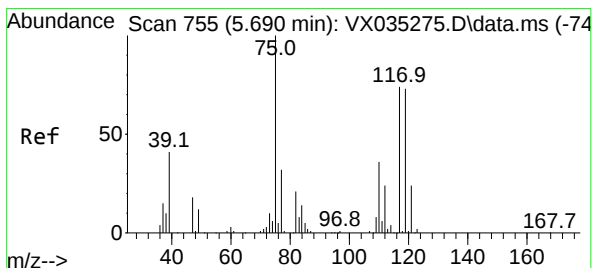
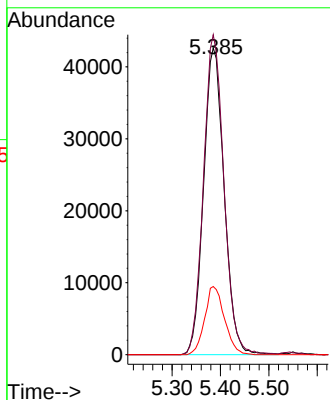
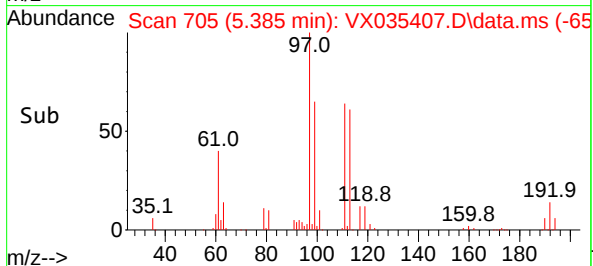
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 125885
Ion Ratio Lower Upper
113 100
111 103.5 83.7 125.5
192 21.4 15.4 23.2

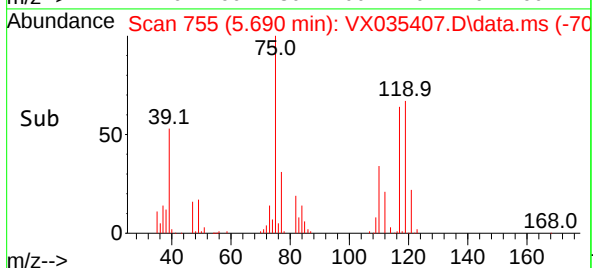
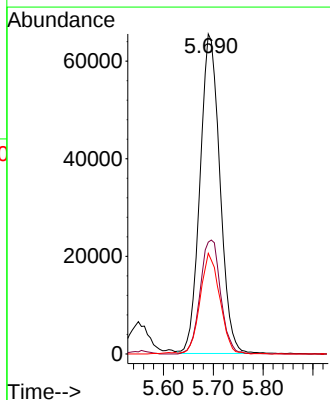
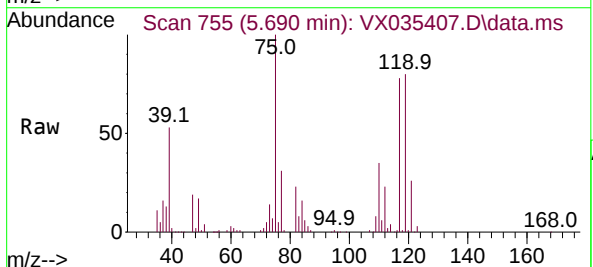
Manual Integrations
APPROVED

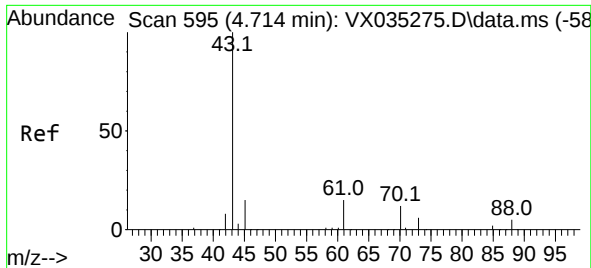
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#36
1,1-Dichloropropene
Concen: 46.429 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 75 Resp: 181293
Ion Ratio Lower Upper
75 100
110 36.7 17.5 52.5
77 31.1 24.3 36.5





#37

Ethyl Acetate

Concen: 48.083 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17148

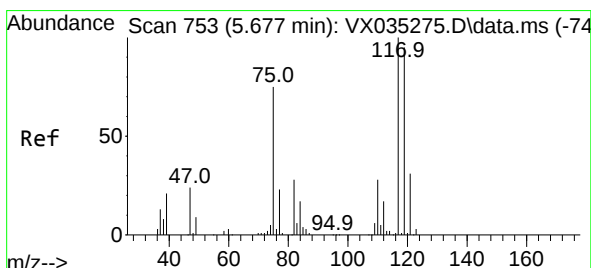
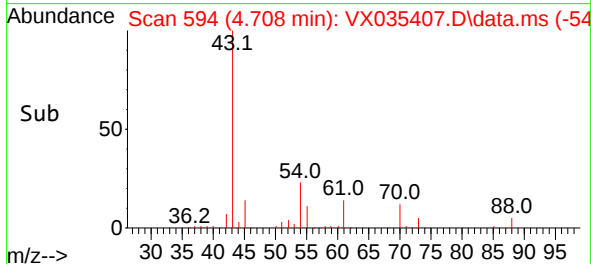
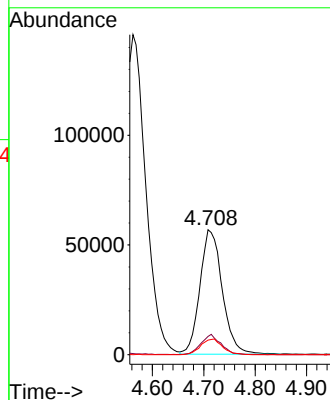
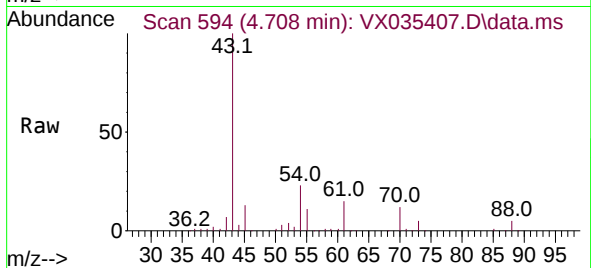
Ion	Ratio	Lower	Upper
43	100		
61	14.7	10.2	15.4
70	12.2	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#38

Carbon Tetrachloride

Concen: 49.703 ug/l

RT: 5.678 min Scan# 753

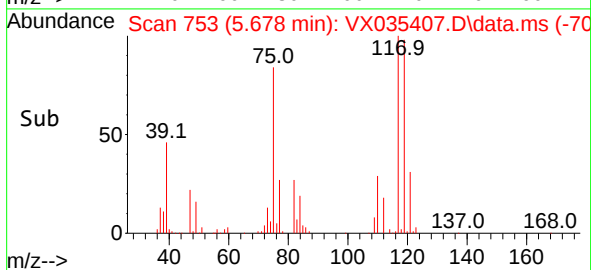
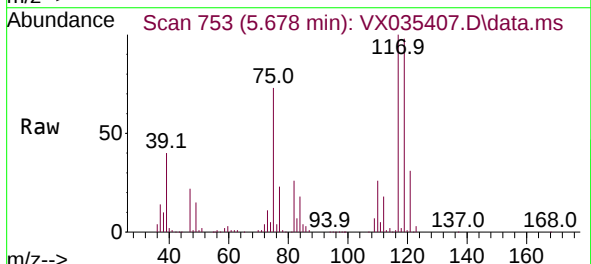
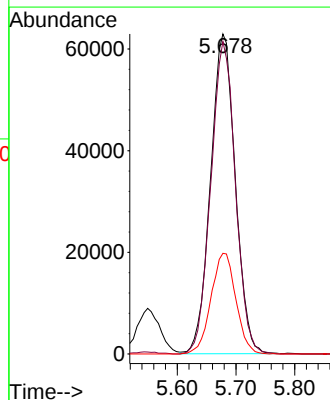
Delta R.T. 0.001 min

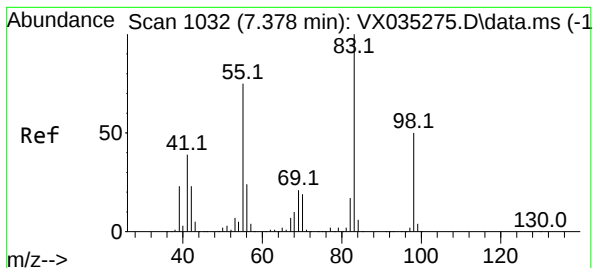
Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Tgt Ion:117 Resp: 184240

Ion	Ratio	Lower	Upper
117	100		
119	97.8	76.6	114.8
121	31.5	23.8	35.6





#39

Methylcyclohexane

Concen: 45.747 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.001 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 21743

Ion Ratio Lower Upper

83 100

55 75.8 60.5 90.7

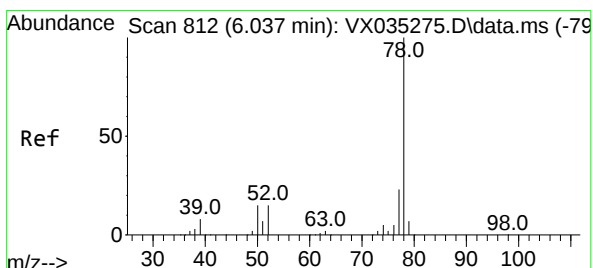
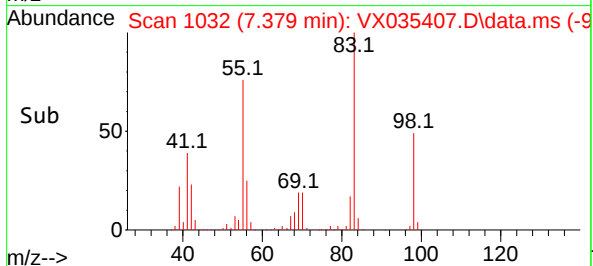
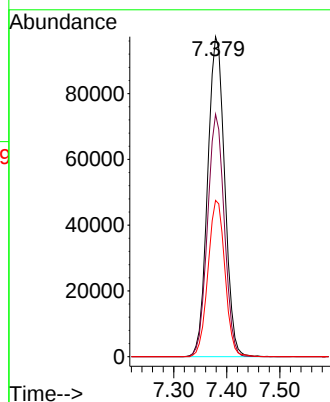
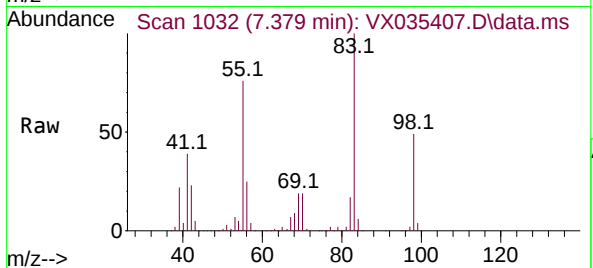
98 48.9 40.4 60.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#40

Benzene

Concen: 47.712 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035407.D

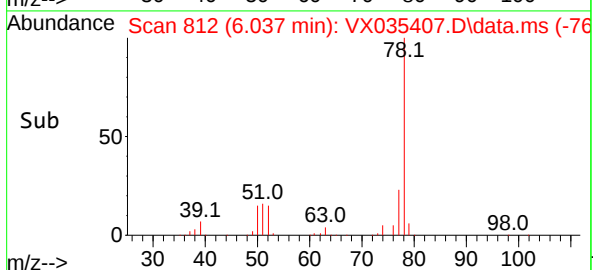
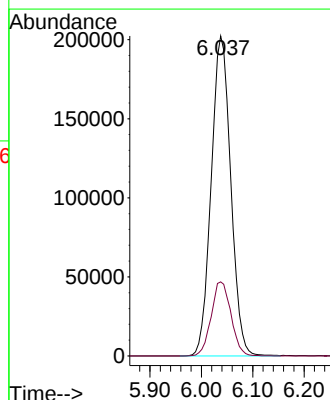
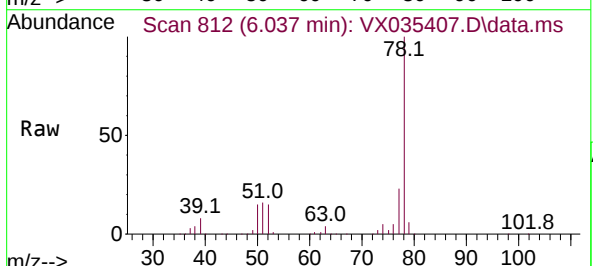
Acq: 28 Apr 2023 21:31

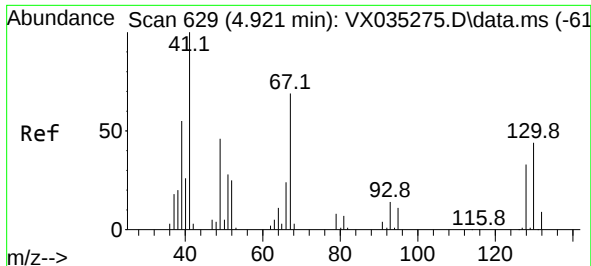
Tgt Ion: 78 Resp: 534444

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4





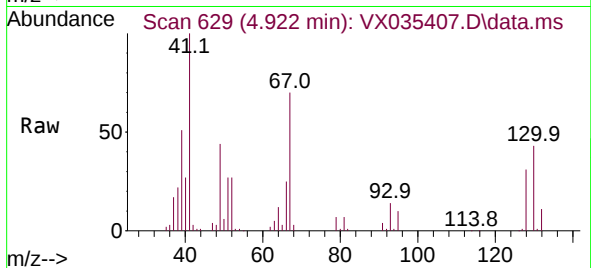
#41
Methacrylonitrile
Concen: 48.122 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



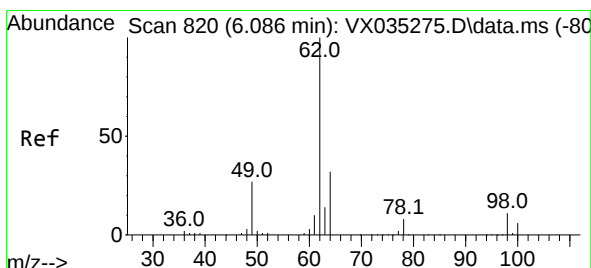
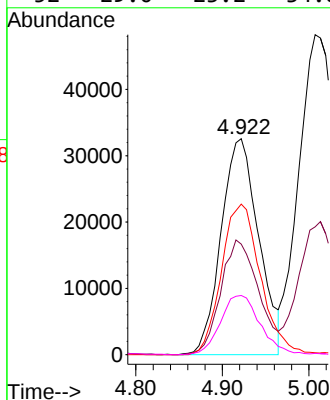
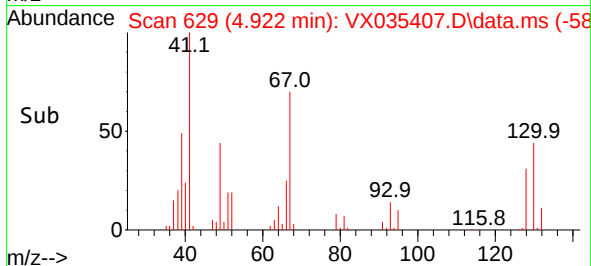
Tgt Ion:	41	Resp:	98339
Ion	Ratio	Lower	Upper
41	100		
39	53.4	45.0	67.6
67	72.4	55.6	83.4
52	29.0	23.2	34.8

Manual Integrations

APPROVED

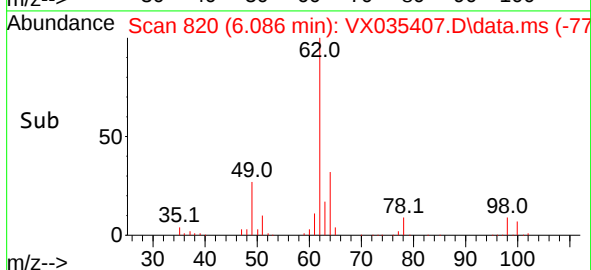
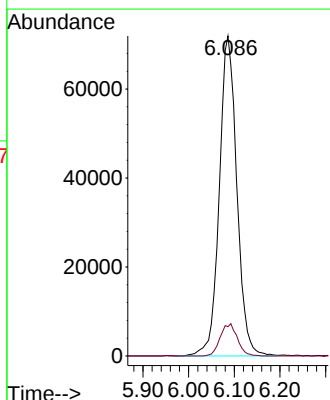
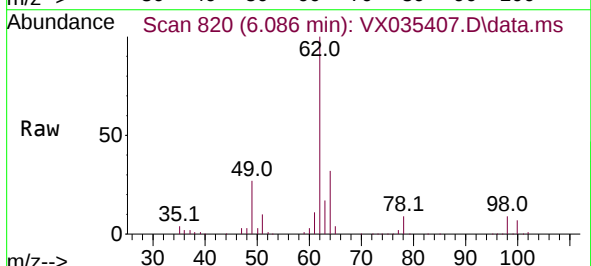
Reviewed By :John Carlone 04/29/2023

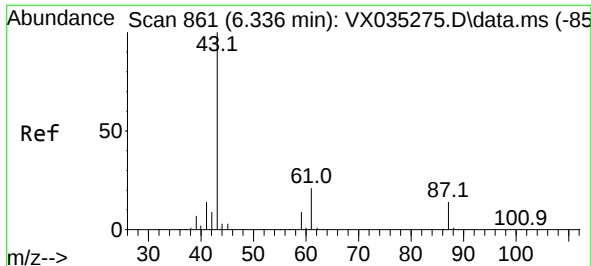
Supervised By :Mahesh Dadoda 05/01/2023



#42
1,2-Dichloroethane
Concen: 48.057 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion:	62	Resp:	191933
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 48.077 ug/l

RT: 6.336 min Scan# 80

Delta R.T. 0.000 min

Lab File: VX035407.D

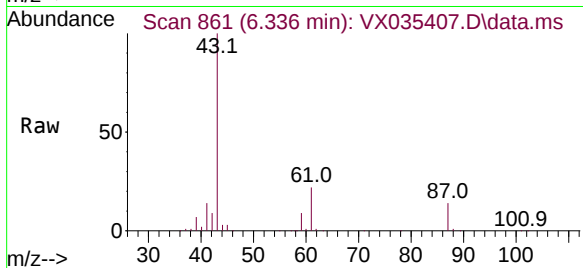
Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



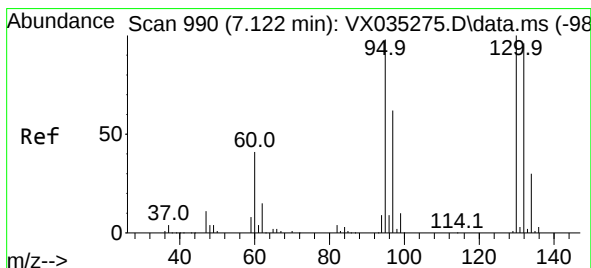
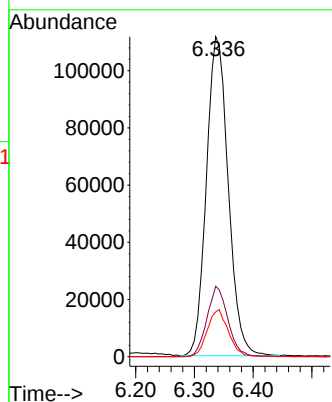
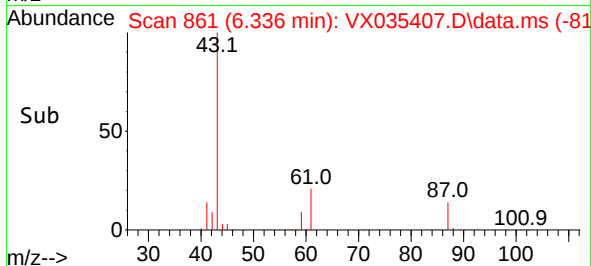
Tgt Ion:	43	Resp:	28810
Ion Ratio	Lower	Upper	
43	100		
61	21.1	15.2	22.8
87	14.3	9.8	14.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#44

Trichloroethene

Concen: 48.147 ug/l

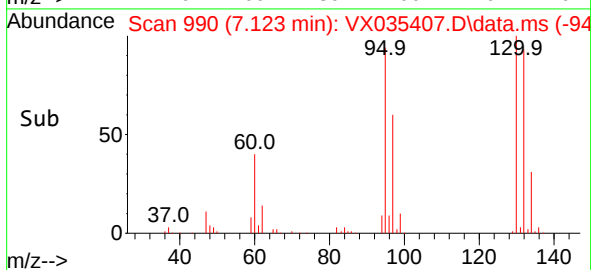
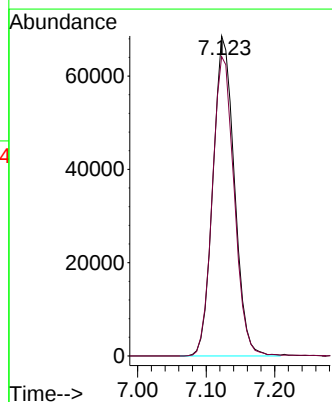
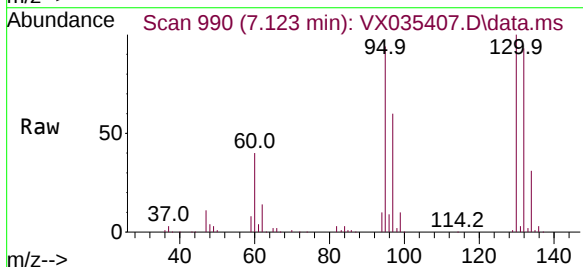
RT: 7.123 min Scan# 990

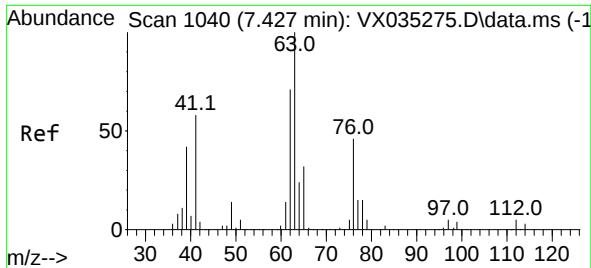
Delta R.T. 0.001 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

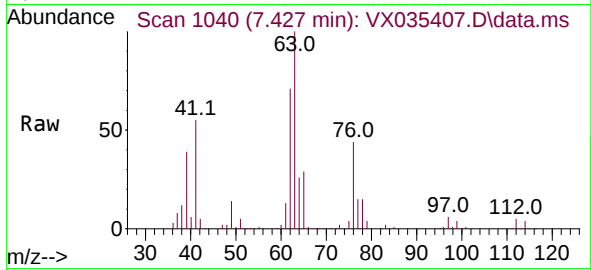
Tgt Ion:	130	Resp:	148571
Ion Ratio	Lower	Upper	
130	100		
95	93.6	0.0	198.4





#45
1,2-Dichloropropane
Concen: 48.778 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

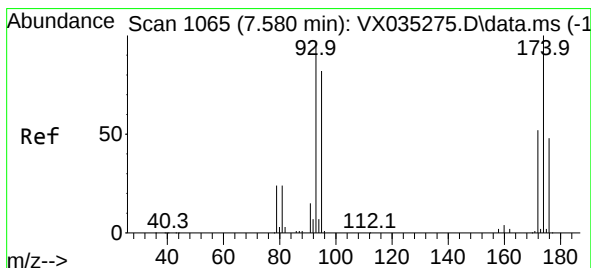
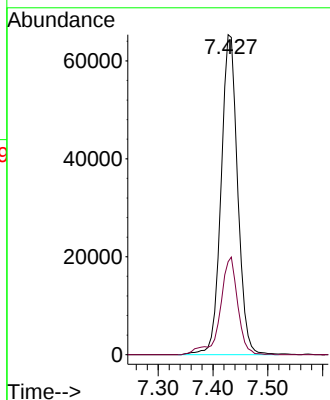
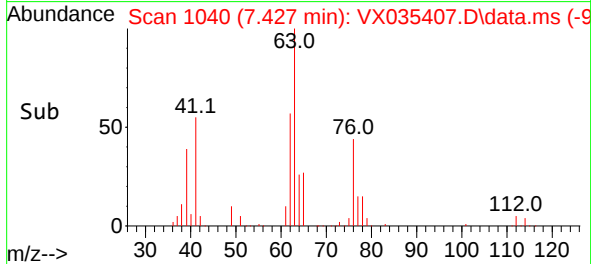
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 137749
Ion Ratio Lower Upper
63 100
65 29.1 24.6 37.0

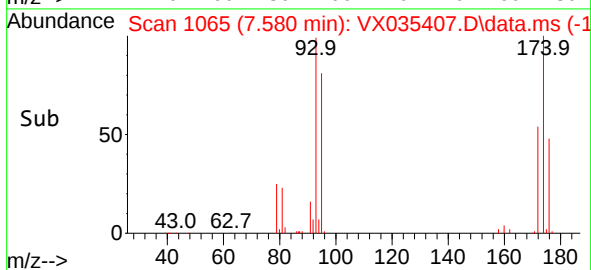
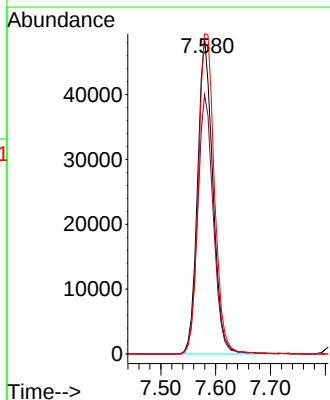
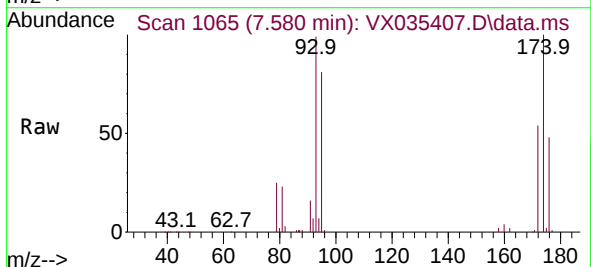
Manual Integrations
APPROVED

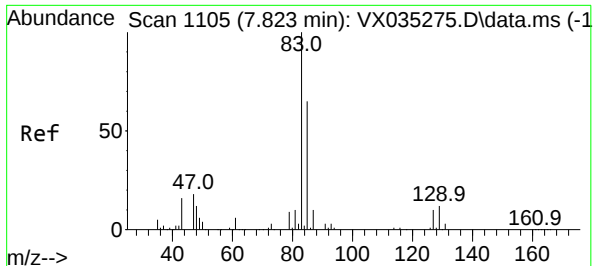
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#46
Dibromomethane
Concen: 48.874 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 93 Resp: 94781
Ion Ratio Lower Upper
93 100
95 83.4 66.9 100.3
174 105.9 75.4 113.0





#47
Bromodichloromethane
Concen: 50.430 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

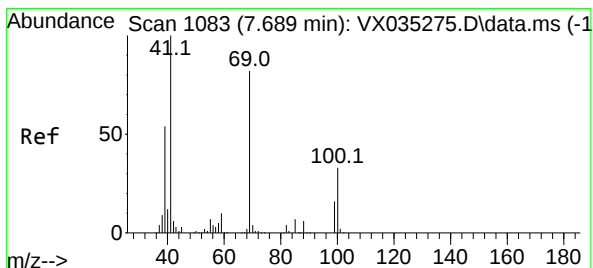
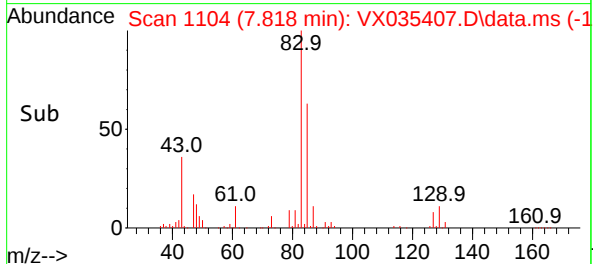
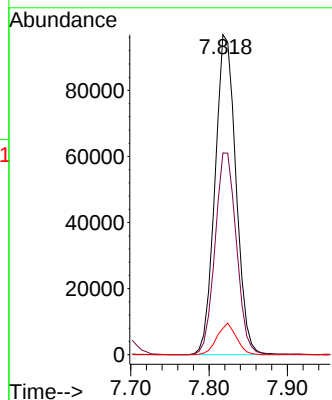
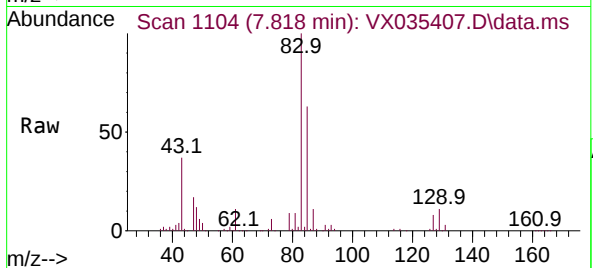
Tgt Ion: 83 Resp: 180189
Ion Ratio Lower Upper
83 100
85 63.0 52.2 78.4
127 8.3 6.6 9.8

Manual Integrations

APPROVED

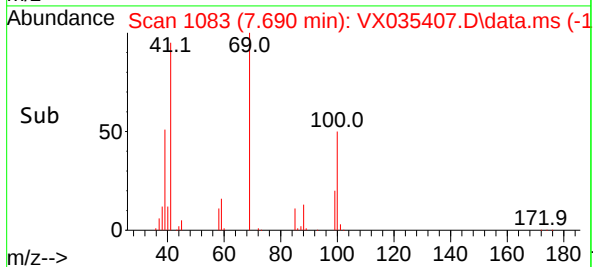
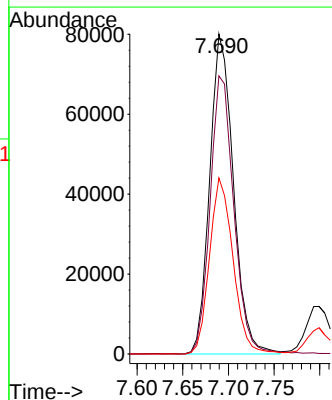
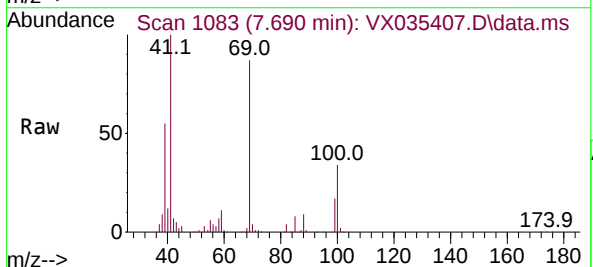
Reviewed By :John Carlone 04/29/2023

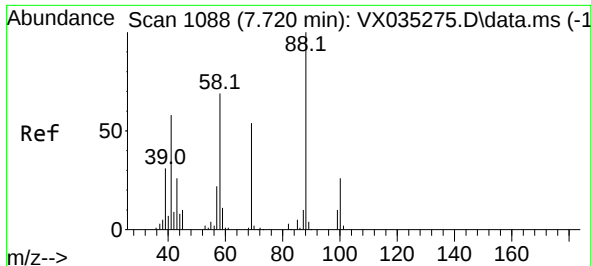
Supervised By :Mahesh Dadoda 05/01/2023



#48
Methyl methacrylate
Concen: 49.075 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 41 Resp: 144259
Ion Ratio Lower Upper
41 100
69 87.5 62.2 93.4
39 54.8 47.7 71.5





#49

1,4-Dioxane

Concen: 963.893 ug/l

RT: 7.720 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

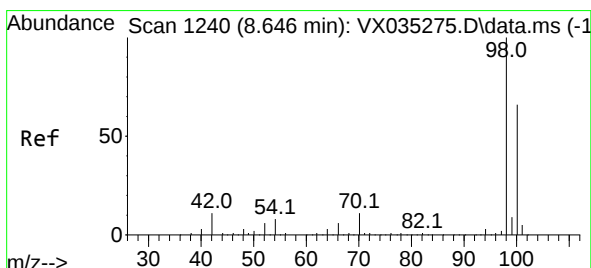
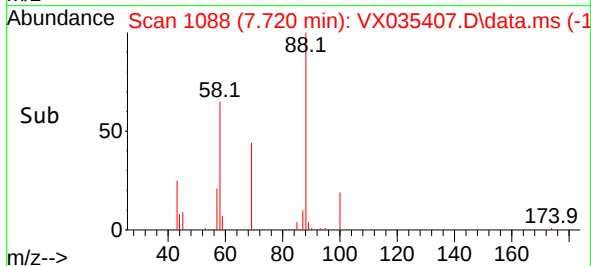
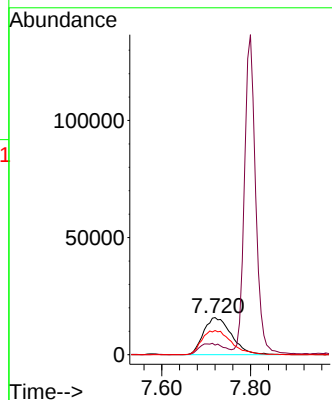
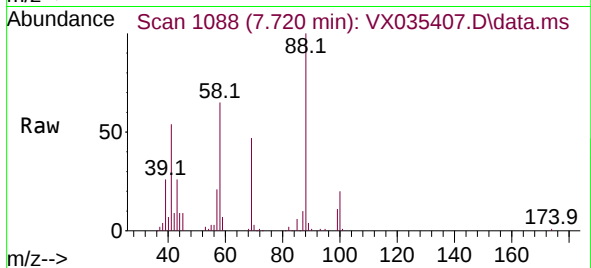
Tgt Ion: 88	Resp: 6906
Ion Ratio	Lower Upper
88 100	
43 26.7	27.7 41.5
58 68.5	56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#50

Toluene-d8

Concen: 48.991 ug/l

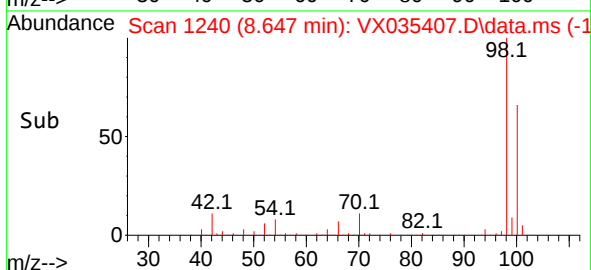
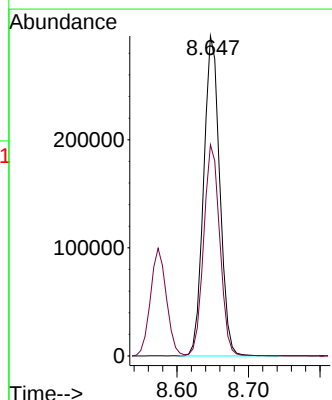
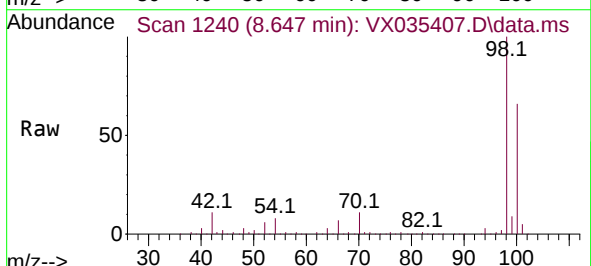
RT: 8.647 min Scan# 1240

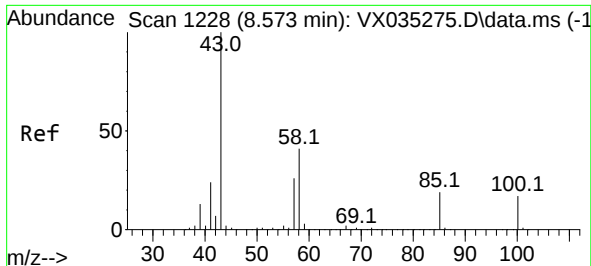
Delta R.T. 0.001 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

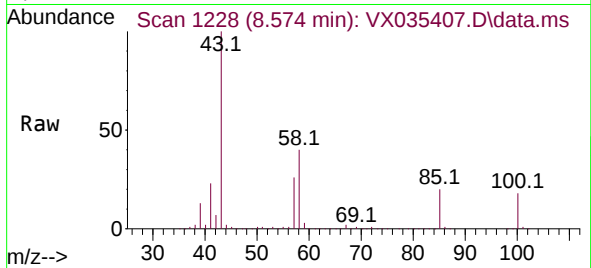
Tgt Ion: 98	Resp: 462161
Ion Ratio	Lower Upper
98 100	
100 66.3	52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 234.419 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

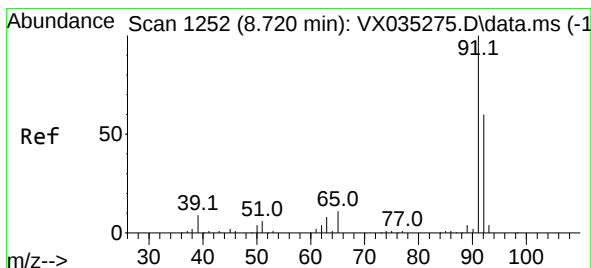
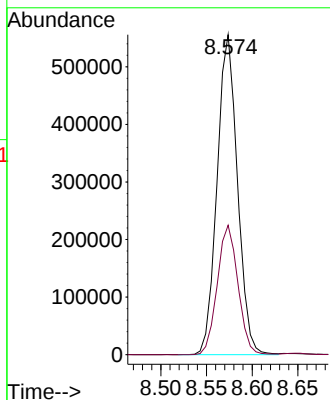
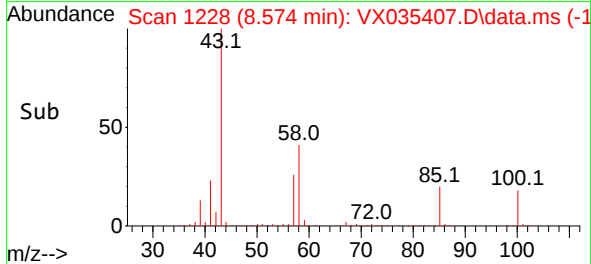
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 863049
Ion Ratio Lower Upper
43 100
58 41.0 30.6 46.0

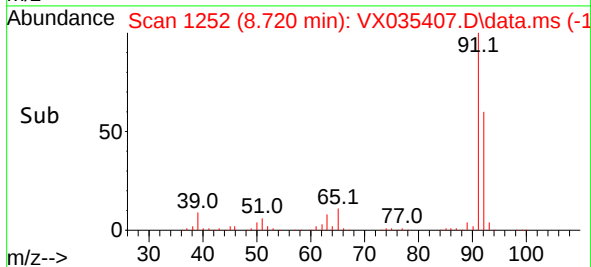
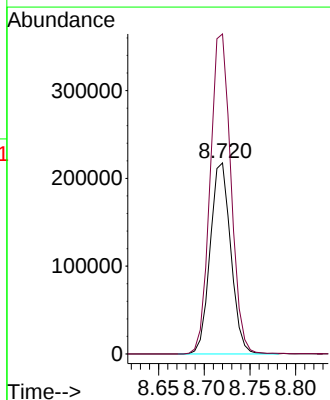
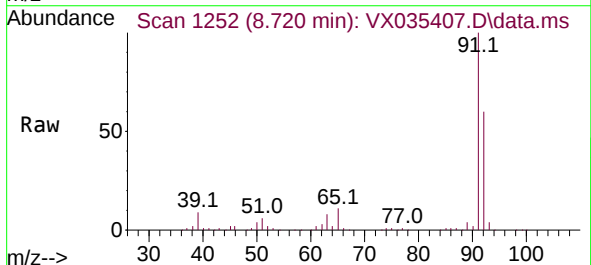
Manual Integrations
APPROVED

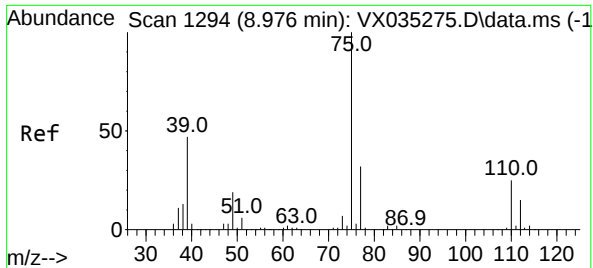
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#52
Toluene
Concen: 48.069 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 92 Resp: 341306
Ion Ratio Lower Upper
92 100
91 169.2 136.8 205.2





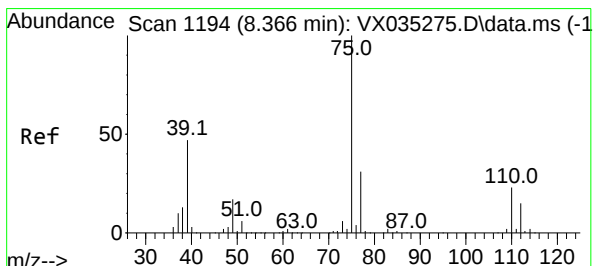
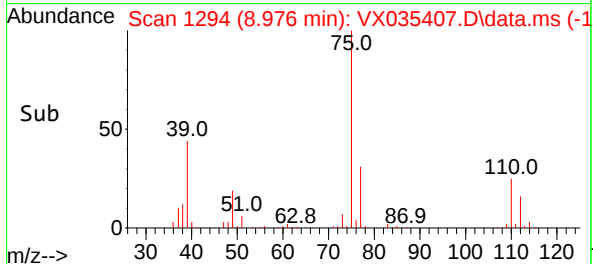
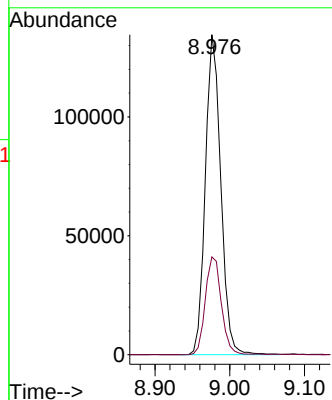
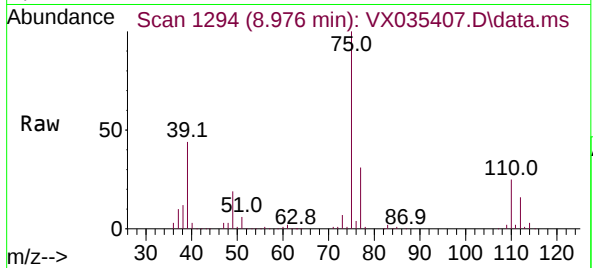
#53
t-1,3-Dichloropropene
Concen: 51.776 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 193200
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.2

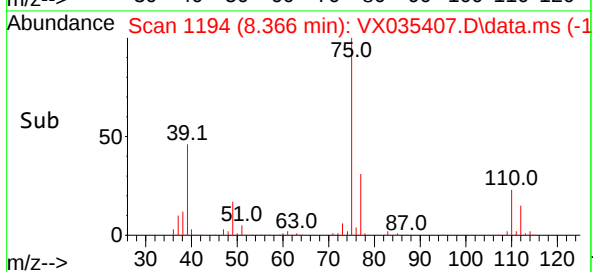
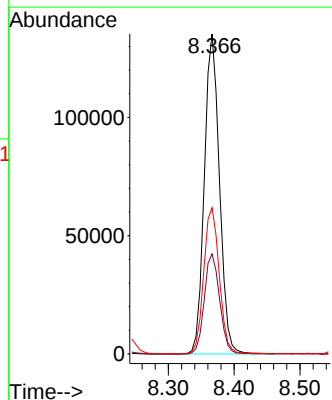
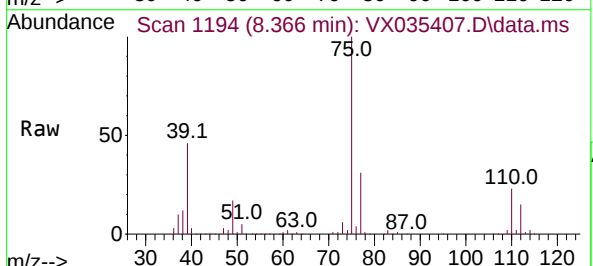
Manual Integrations
APPROVED

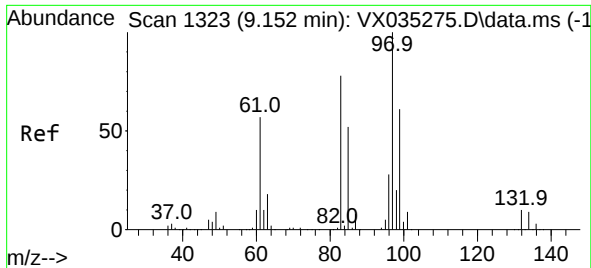
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#54
cis-1,3-Dichloropropene
Concen: 51.359 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

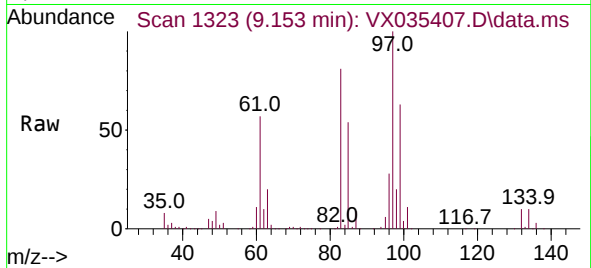
Tgt Ion: 75 Resp: 216613
Ion Ratio Lower Upper
75 100
77 31.2 25.0 37.4
39 45.7 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 47.899 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

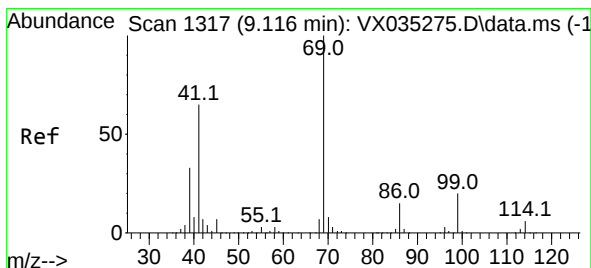
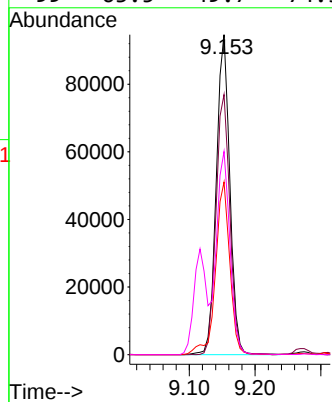
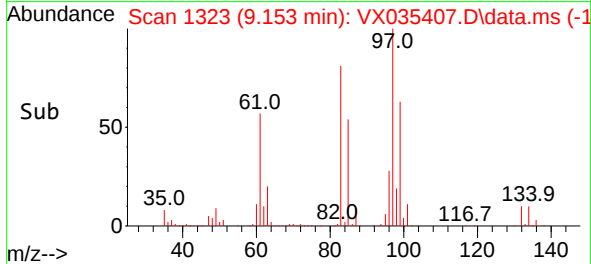
Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC



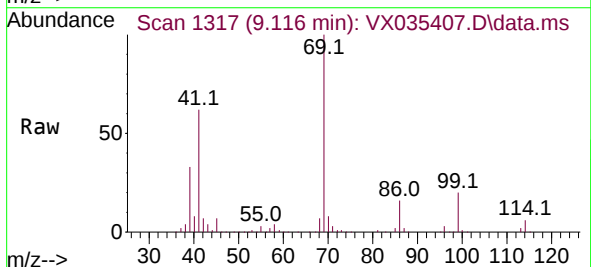
Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	69.7	104.5
85	54.0	43.7	65.5
99	63.5	49.7	74.5

Manual Integrations
APPROVED

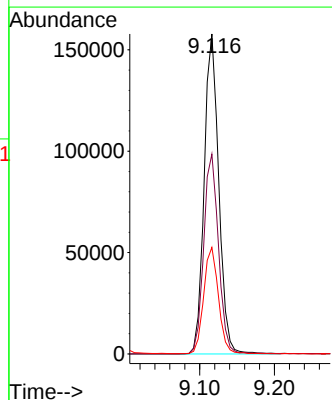
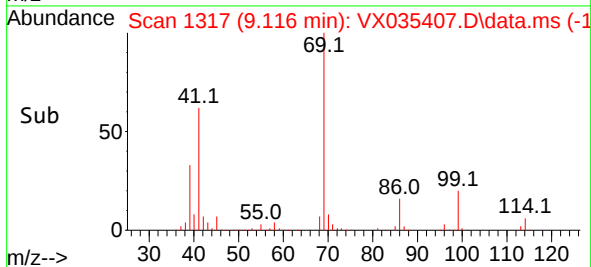
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

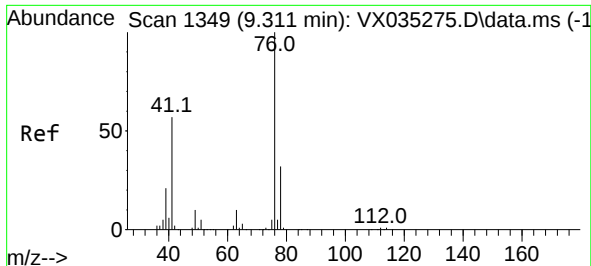


#56
Ethyl methacrylate
Concen: 50.743 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.4	86.0
39	33.7	33.7	50.5





#57

1,3-Dichloropropane

Concen: 48.023 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 23249

Ion Ratio Lower Upper

76 100

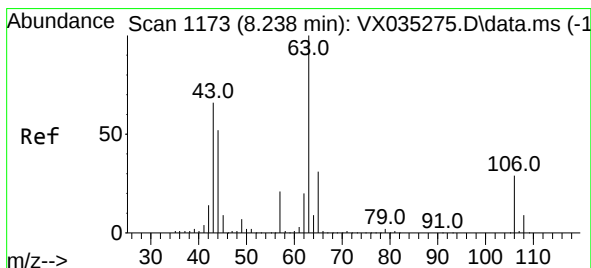
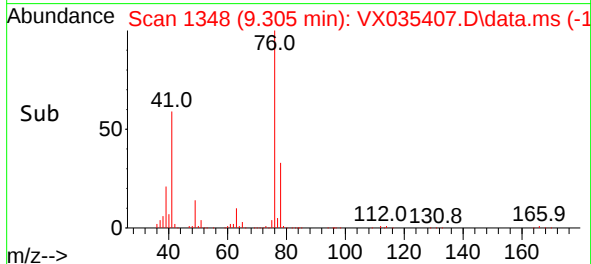
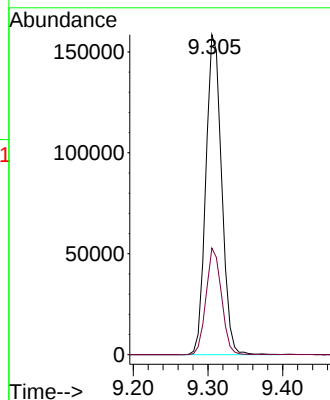
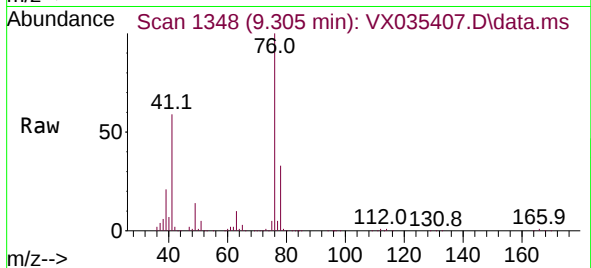
78 32.6 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#58

2-Chloroethyl Vinyl ether

Concen: 251.693 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VX035407.D

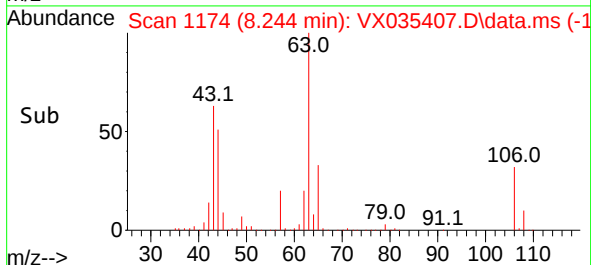
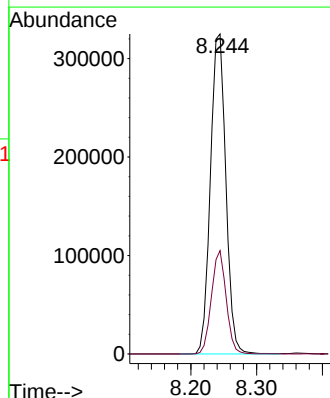
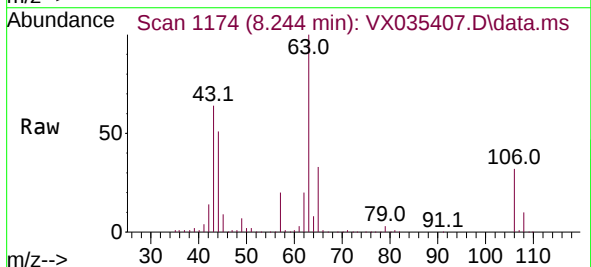
Acq: 28 Apr 2023 21:31

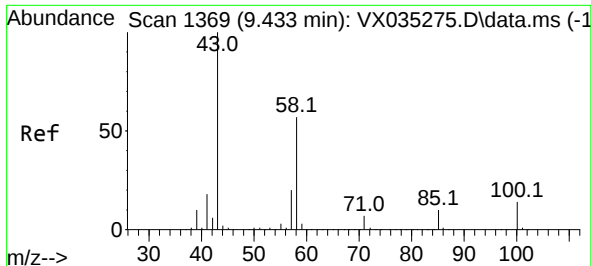
Tgt Ion: 63 Resp: 530653

Ion Ratio Lower Upper

63 100

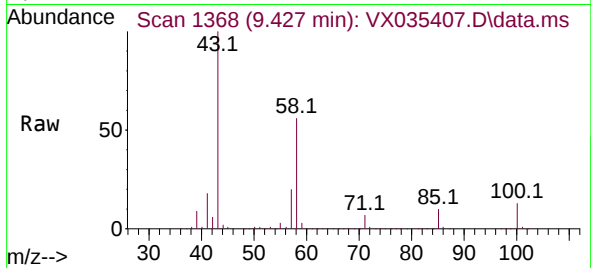
106 30.7 22.2 33.2





#59
2-Hexanone
Concen: 232.153 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

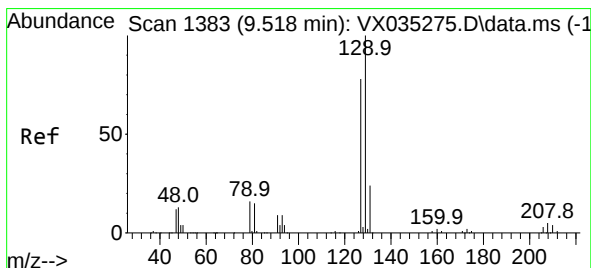
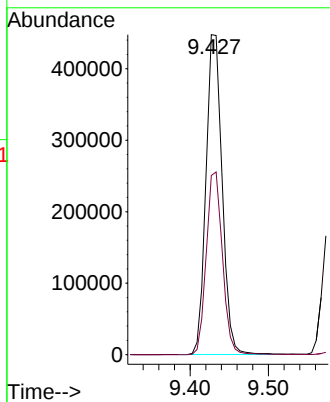
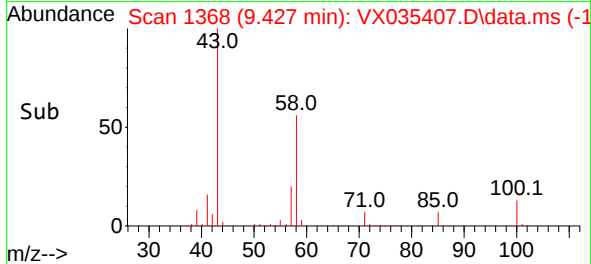
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 64209
Ion Ratio Lower Upper
43 100
58 57.1 26.3 78.9

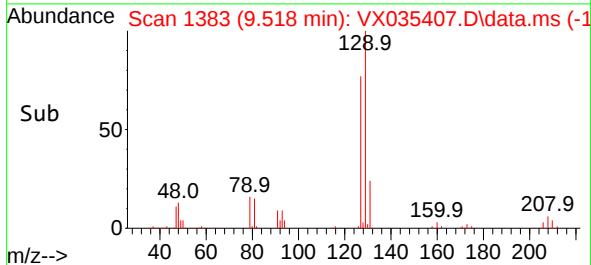
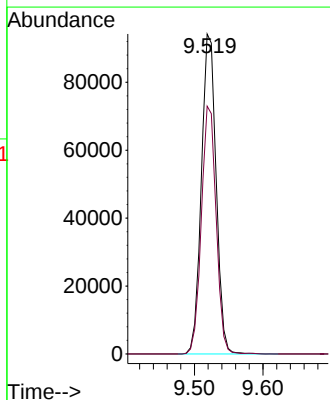
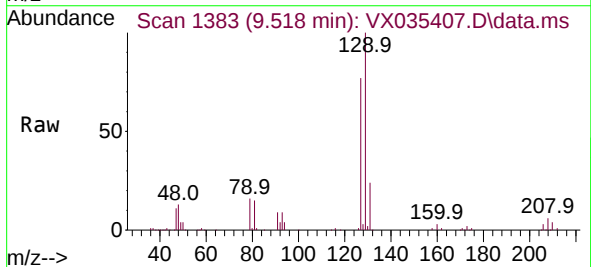
Manual Integrations
APPROVED

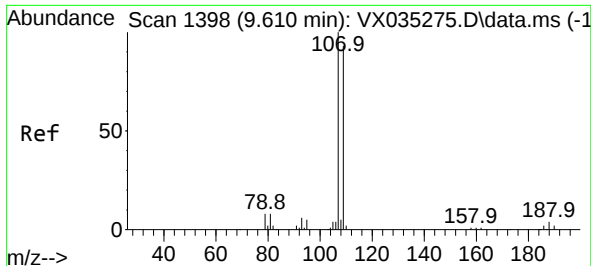
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#60
Dibromochloromethane
Concen: 52.040 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

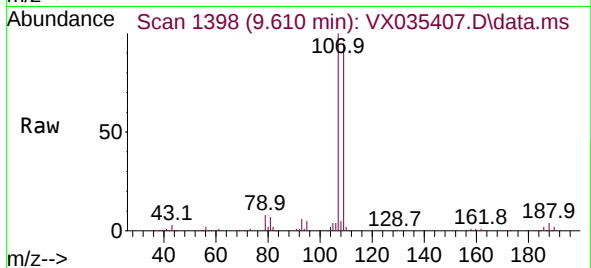
Tgt Ion:129 Resp: 141131
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61
1,2-Dibromoethane
Concen: 48.753 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

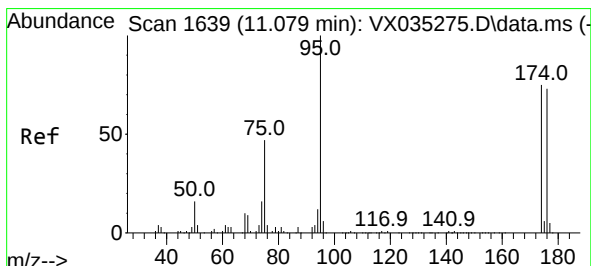
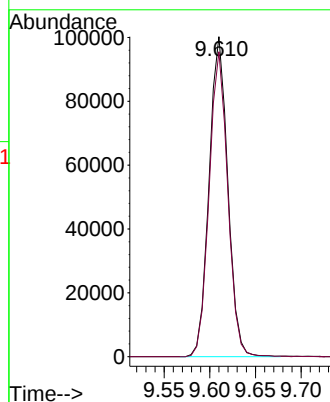
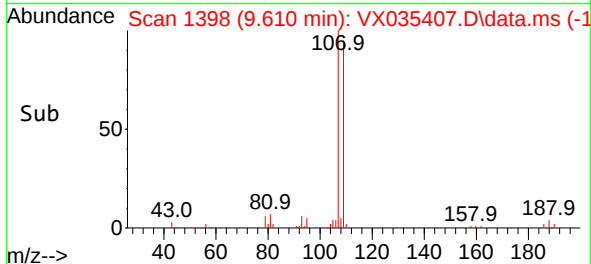
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 142258
Ion Ratio Lower Upper
107 100
109 94.7 75.3 112.9

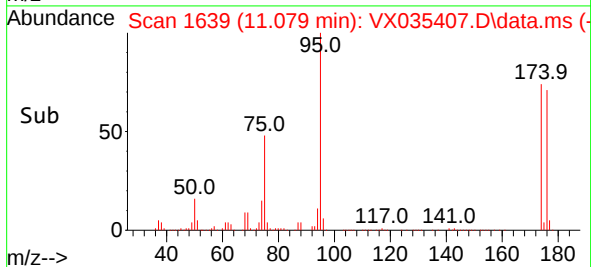
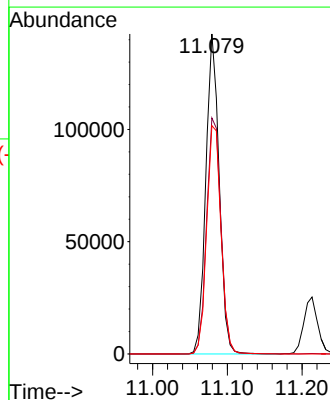
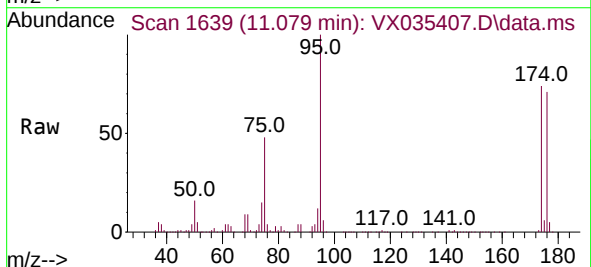
Manual Integrations
APPROVED

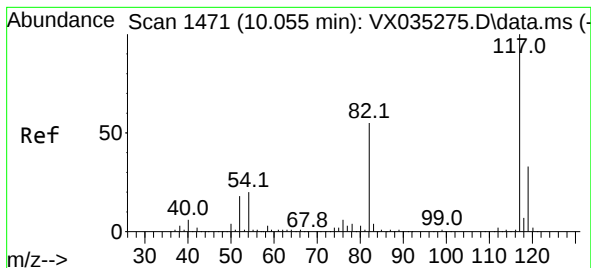
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#62
4-Bromofluorobenzene
Concen: 49.755 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

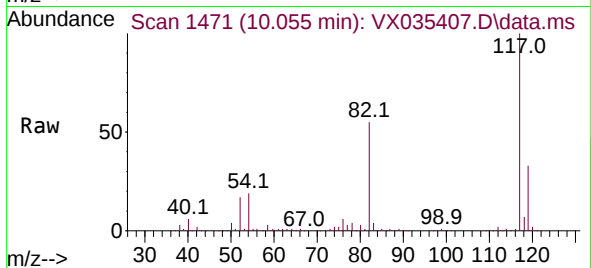
Tgt Ion: 95 Resp: 176568
Ion Ratio Lower Upper
95 100
174 79.3 0.0 147.4
176 76.7 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

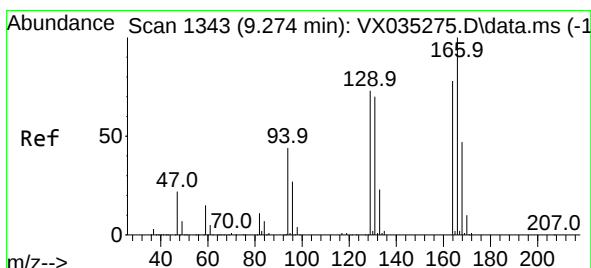
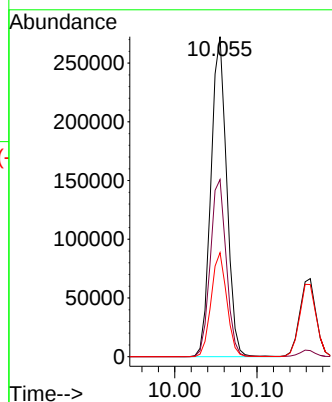
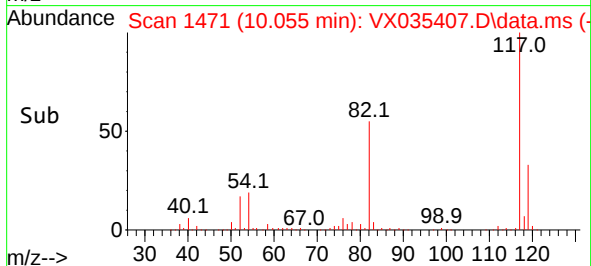
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 362825
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.5 26.0 39.0

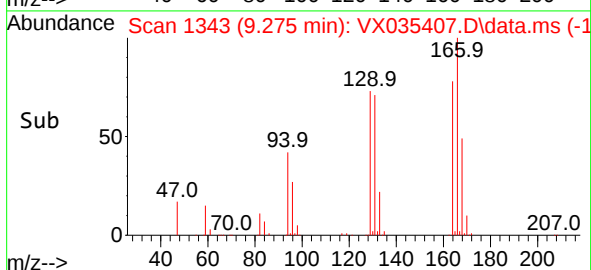
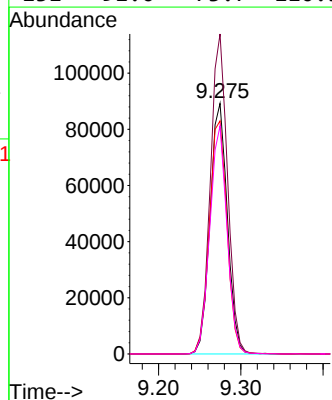
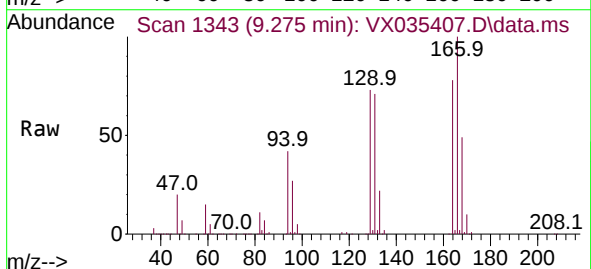
Manual Integrations
APPROVED

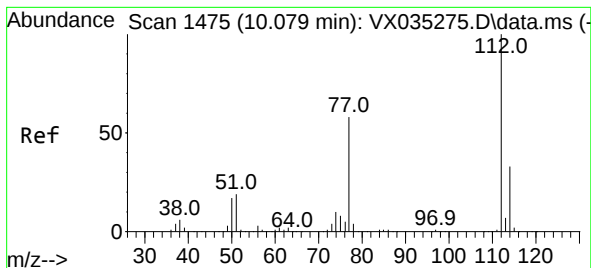
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#64
Tetrachloroethene
Concen: 46.991 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

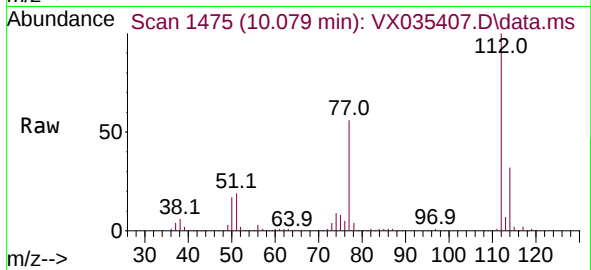
Tgt Ion:164 Resp: 130545
Ion Ratio Lower Upper
164 100
166 127.7 102.7 154.1
129 93.1 75.6 113.4
131 91.0 73.7 110.5





#65
Chlorobenzene
Concen: 46.895 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

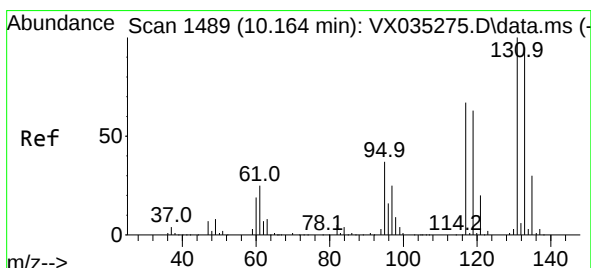
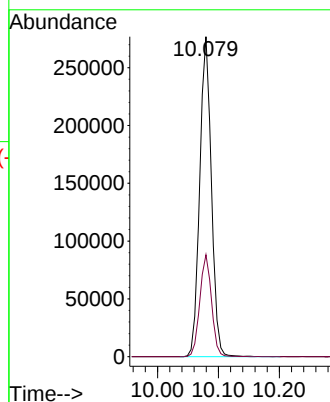
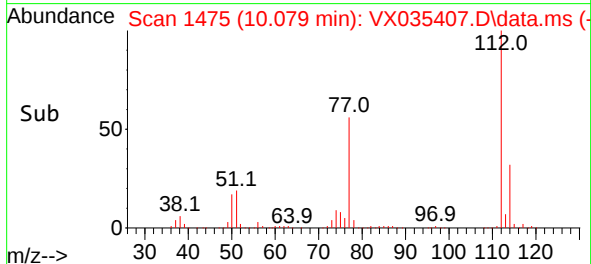
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



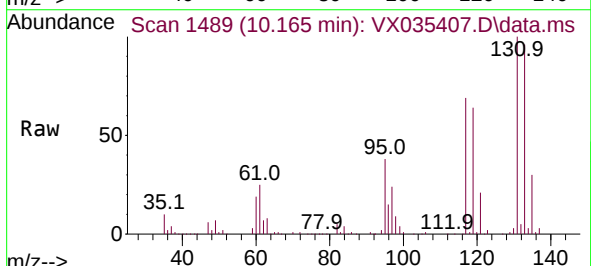
Tgt Ion:112 Resp: 368118
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2

Manual Integrations
APPROVED

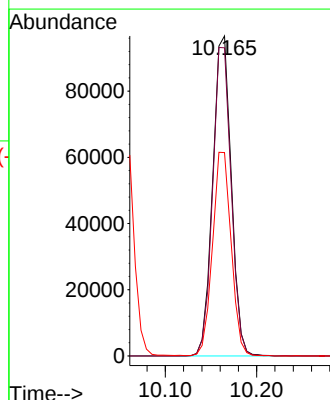
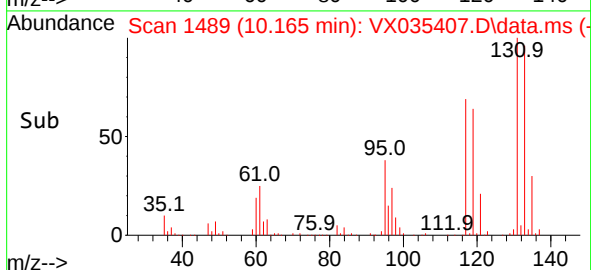
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

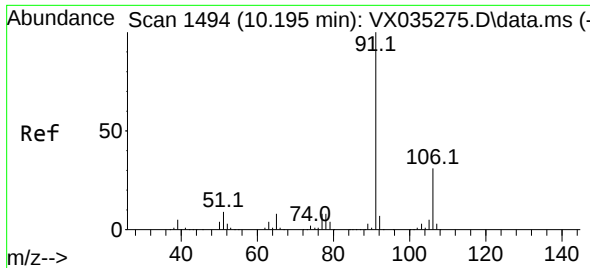


#66
1,1,1,2-Tetrachloroethane
Concen: 49.829 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



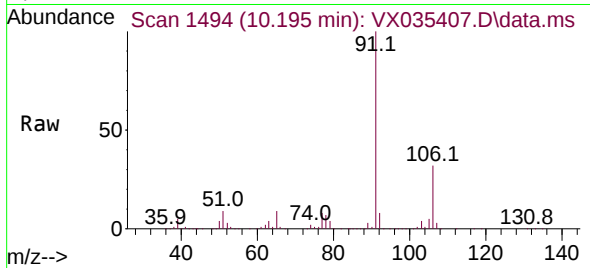
Tgt Ion:131 Resp: 136128
Ion Ratio Lower Upper
131 100
133 96.3 47.1 141.4
119 64.1 32.6 98.0





#67
Ethyl Benzene
Concen: 48.076 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

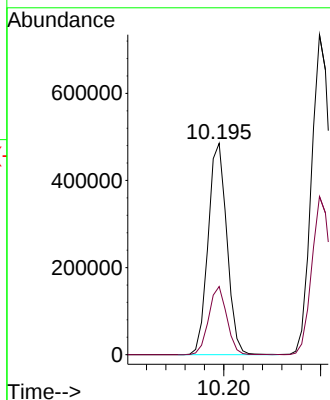
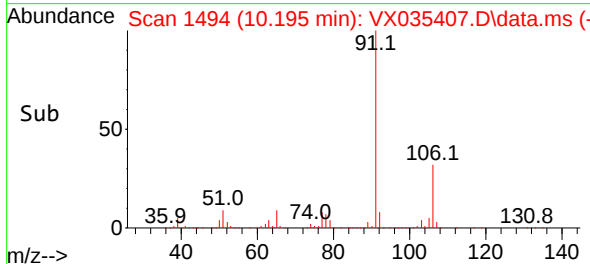
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



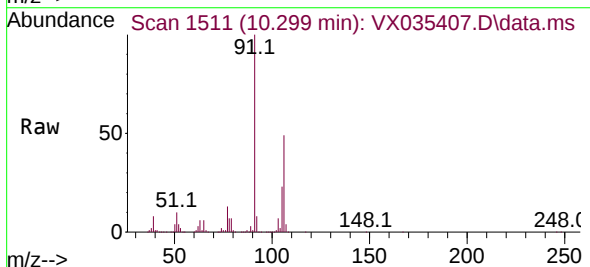
Tgt Ion: 91 Resp: 653552
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4

Manual Integrations
APPROVED

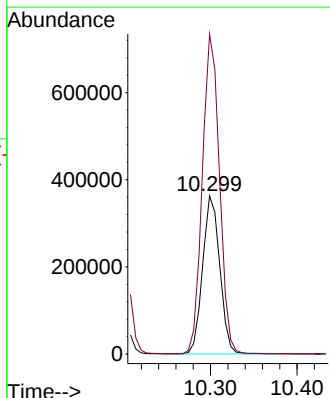
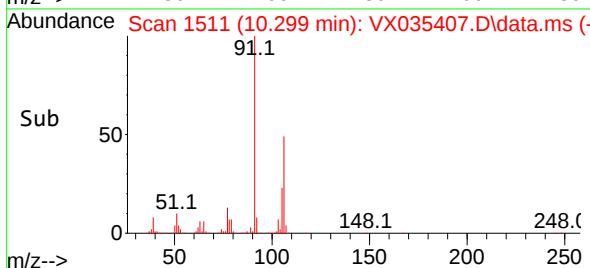
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

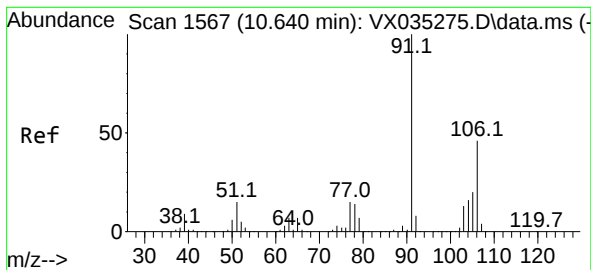


#68
m/p-Xylenes
Concen: 95.549 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



Tgt Ion:106 Resp: 497718
Ion Ratio Lower Upper
106 100
91 202.9 164.0 246.0





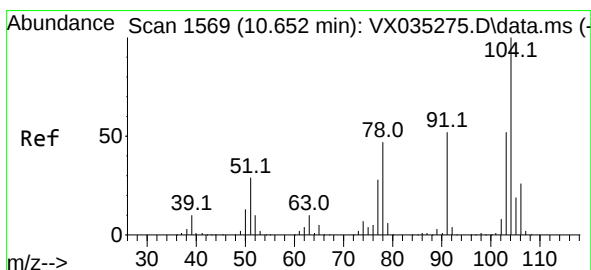
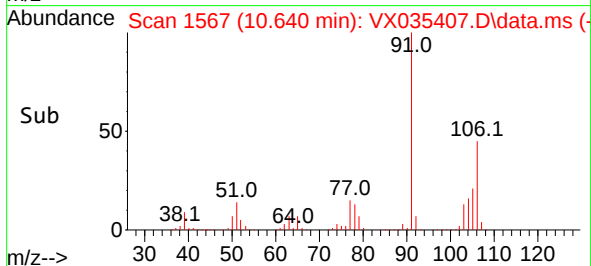
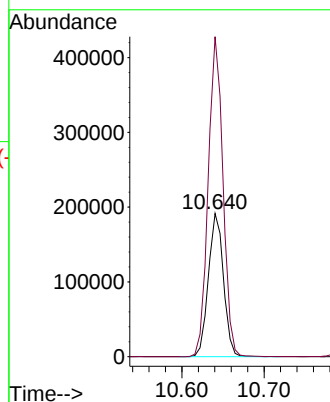
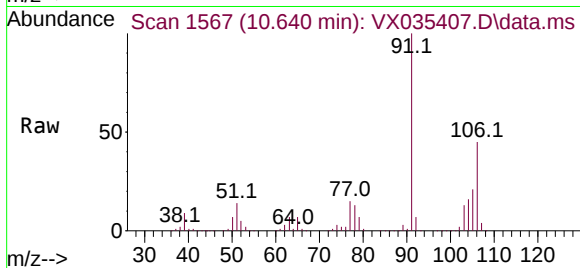
#69
o-Xylene
Concen: 47.739 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 243849
Ion Ratio Lower Upper
106 100
91 219.3 108.5 325.3

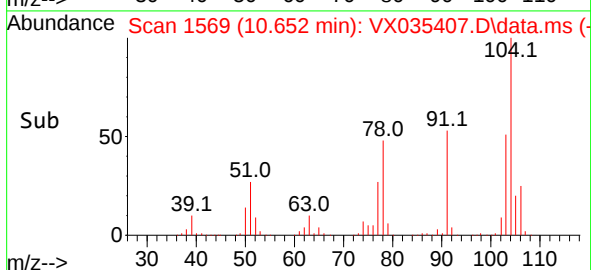
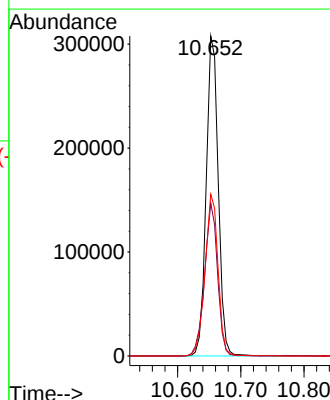
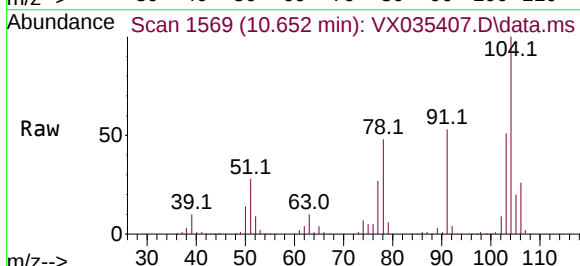
Manual Integrations
APPROVED

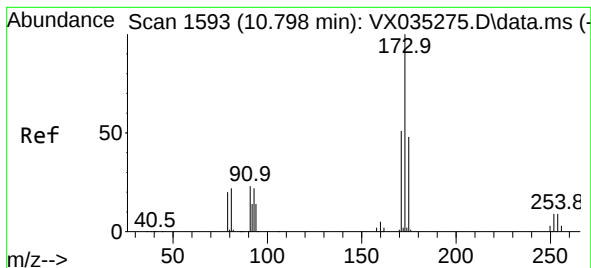
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#70
Styrene
Concen: 49.453 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion:104 Resp: 409571
Ion Ratio Lower Upper
104 100
78 51.4 43.4 65.2
103 54.5 44.2 66.2





#71

Bromoform

Concen: 51.983 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.001 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

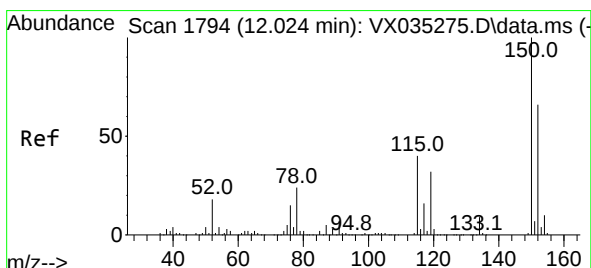
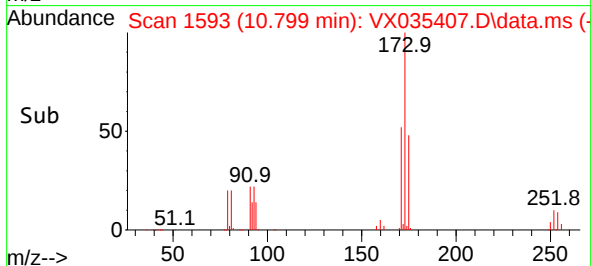
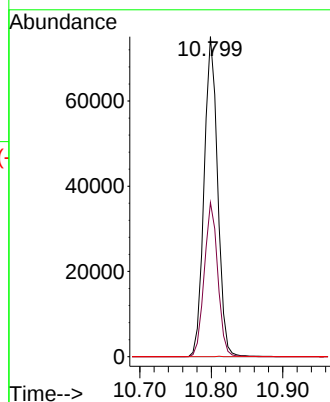
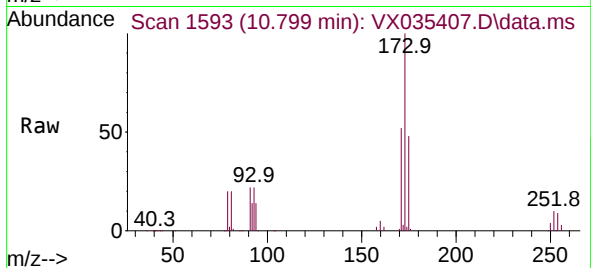
Tgt Ion:173 Resp: 9878
 Ion Ratio Lower Upper
 173 100
 175 48.0 24.1 72.4
 254 0.0 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

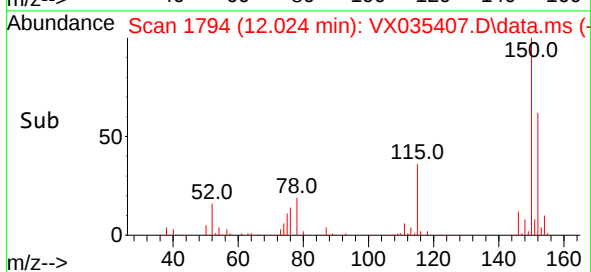
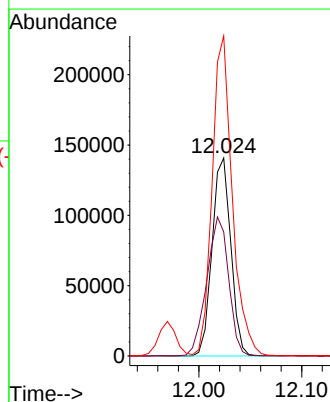
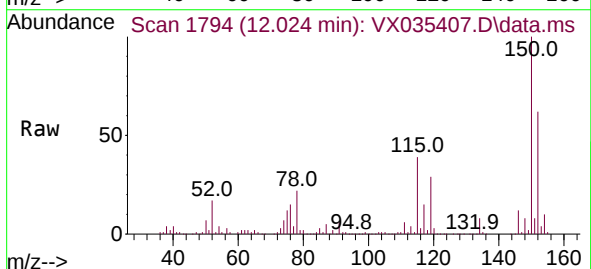
RT: 12.024 min Scan# 1794

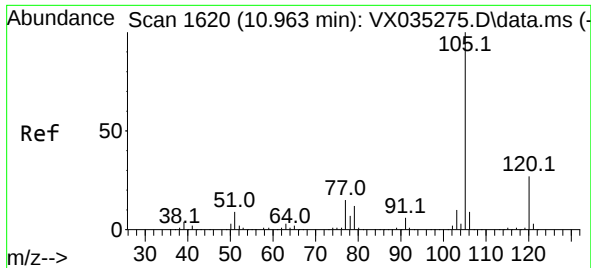
Delta R.T. 0.000 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

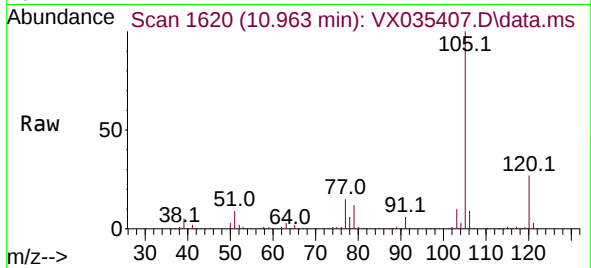
Tgt Ion:152 Resp: 177987
 Ion Ratio Lower Upper
 152 100
 115 82.4 45.0 135.0
 150 173.0 0.0 352.4





#73
Isopropylbenzene
Concen: 49.553 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

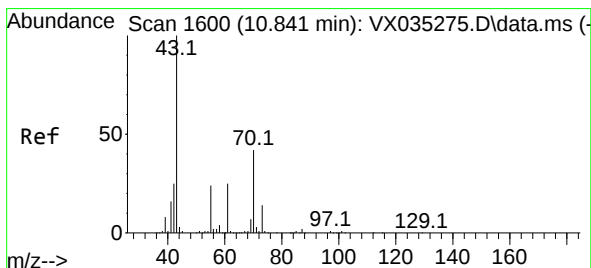
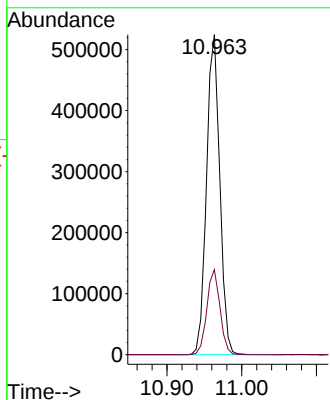
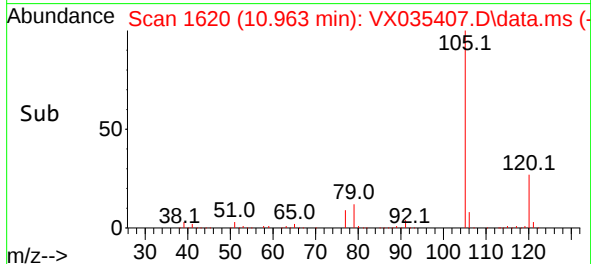
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



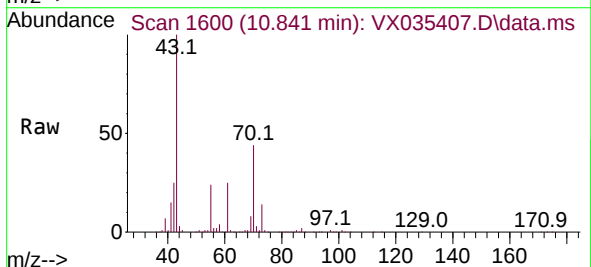
Tgt Ion:105 Resp: 64471
Ion Ratio Lower Upper
105 100
120 26.3 13.3 39.9

Manual Integrations
APPROVED

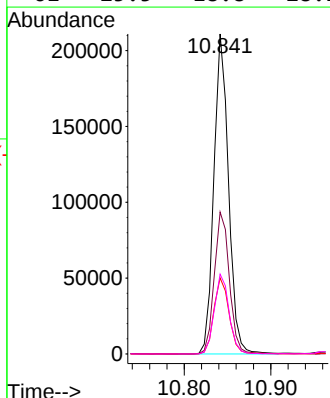
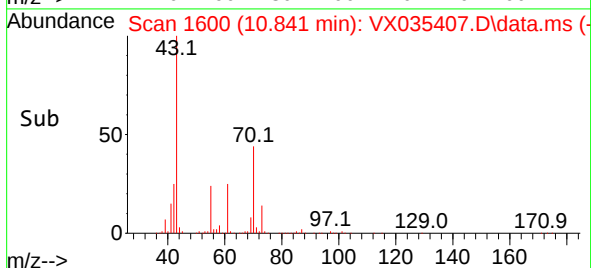
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

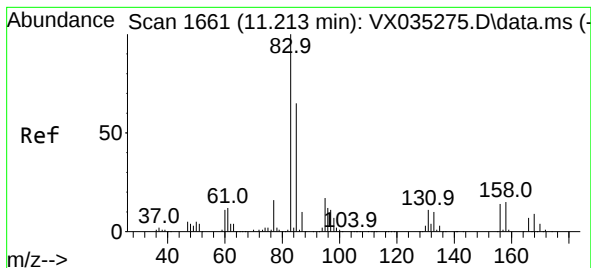


#74
N-ethyl acetate
Concen: 50.661 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



Tgt Ion: 43 Resp: 247705
Ion Ratio Lower Upper
43 100
70 45.7 32.1 48.1
55 24.8 18.3 27.5
61 25.5 18.8 28.2





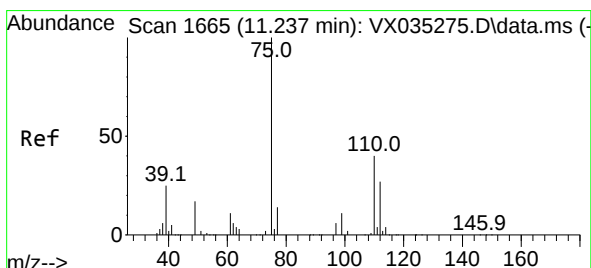
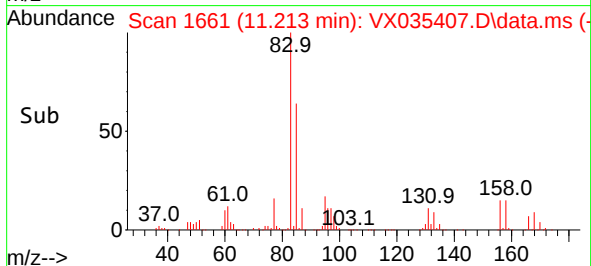
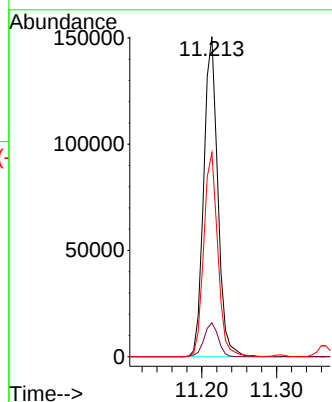
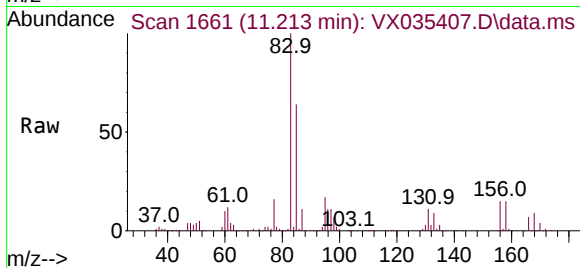
#75
1,1,2,2-Tetrachloroethane
Concen: 48.541 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 19602
Ion Ratio Lower Upper
83 100
131 10.7 4.8 14.3
85 63.9 32.0 96.0

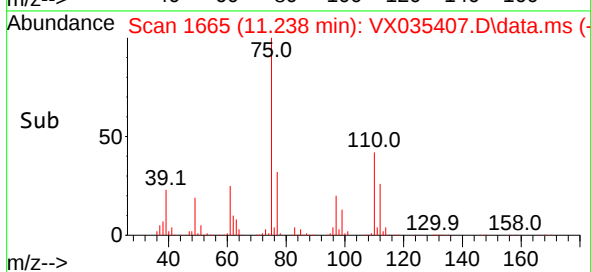
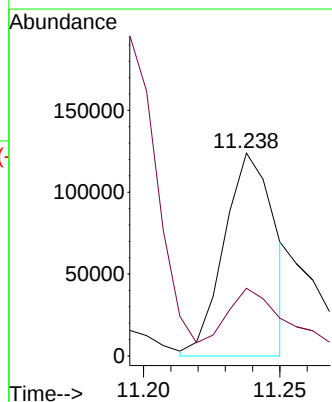
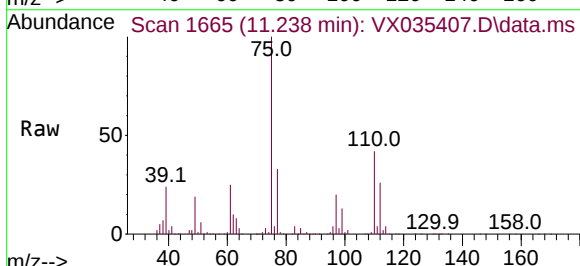
Manual Integrations
APPROVED

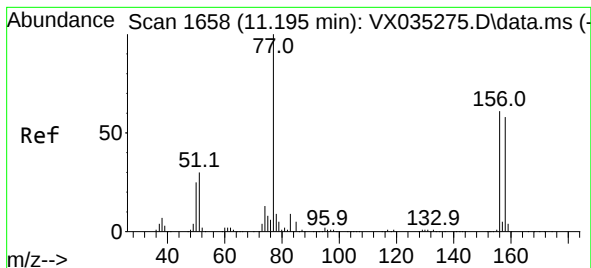
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#76
1,2,3-Trichloropropane
Concen: 44.829 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 75 Resp: 159161
Ion Ratio Lower Upper
75 100
77 42.7 21.6 64.8





#77

Bromobenzene

Concen: 49.714 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 16078

Ion Ratio Lower Upper

156 100

77 153.5 86.7 259.9

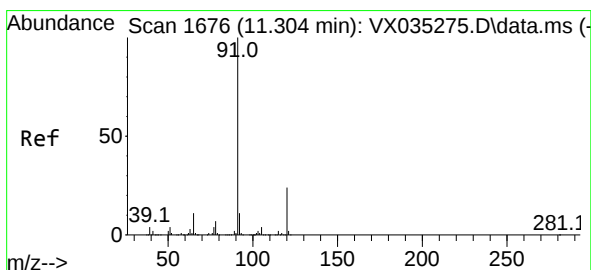
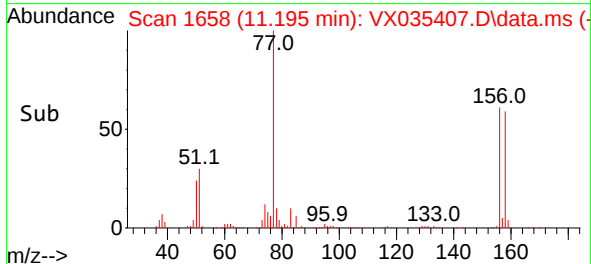
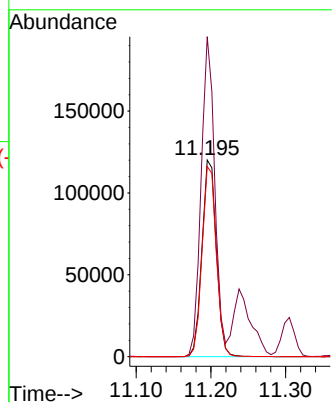
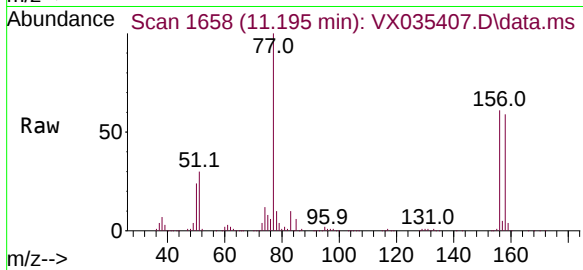
158 96.0 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#78

n-propylbenzene

Concen: 48.470 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035407.D

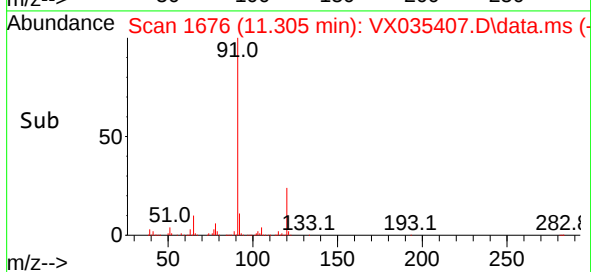
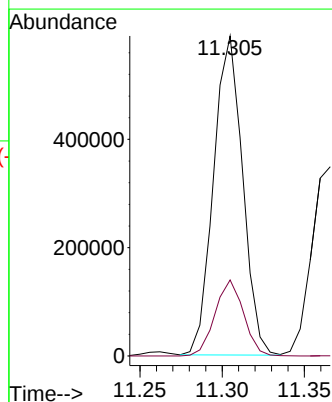
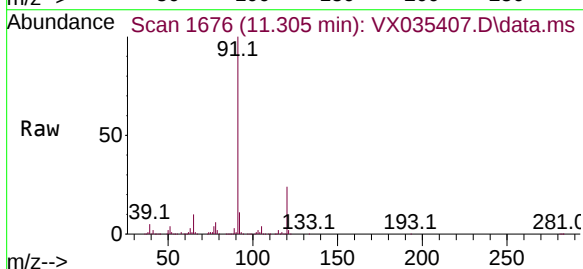
Acq: 28 Apr 2023 21:31

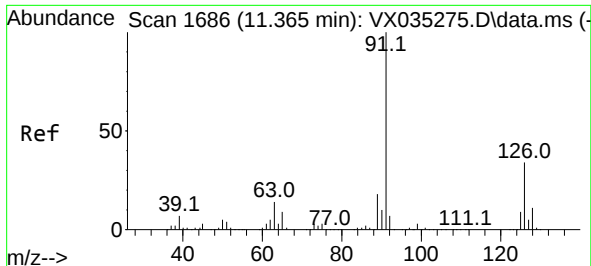
Tgt Ion: 91 Resp: 724272

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.5





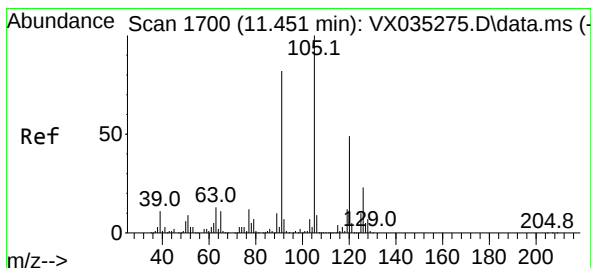
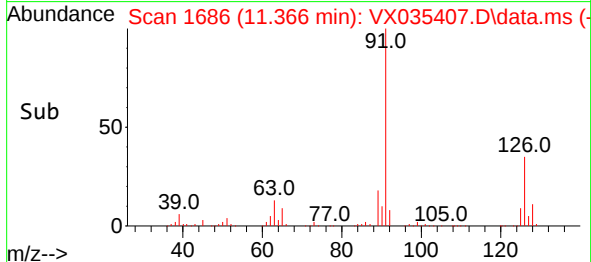
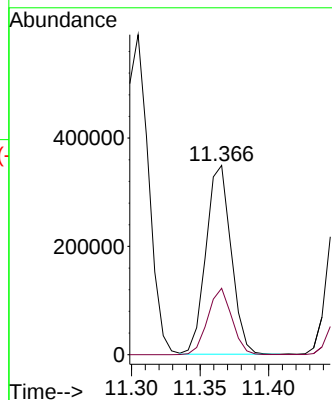
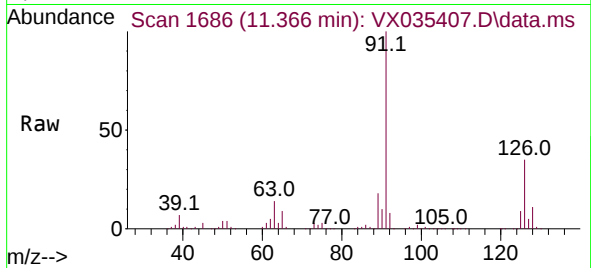
#79
2-Chlorotoluene
Concen: 47.714 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 445523
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.9

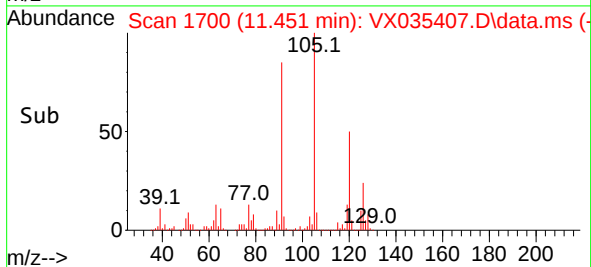
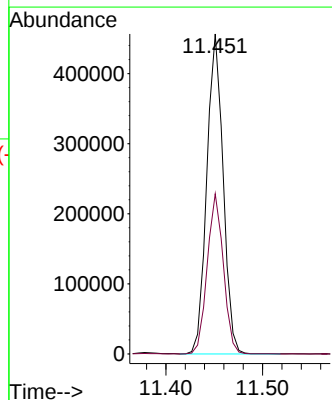
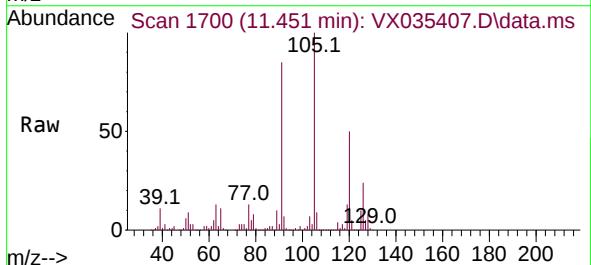
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.897 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion:105 Resp: 536428
Ion Ratio Lower Upper
105 100
120 49.6 23.7 71.1





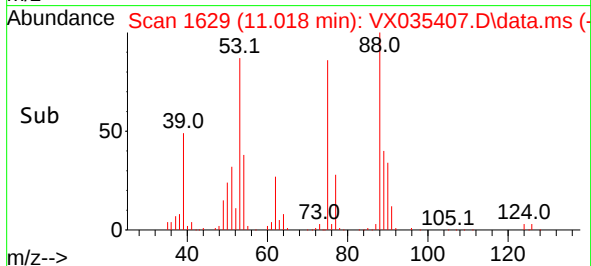
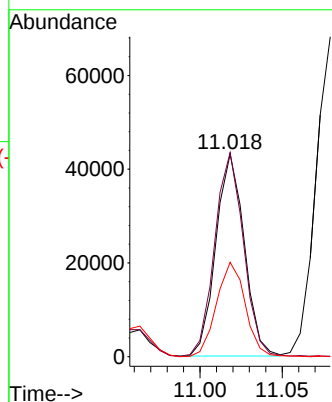
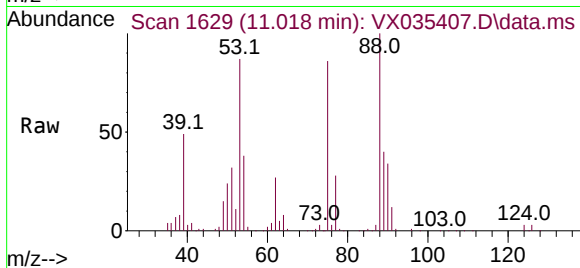
#81
trans-1,4-Dichloro-2-butene
Concen: 47.270 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 51818
Ion Ratio Lower Upper
75 100
53 102.2 82.6 124.0
89 47.3 36.9 55.3

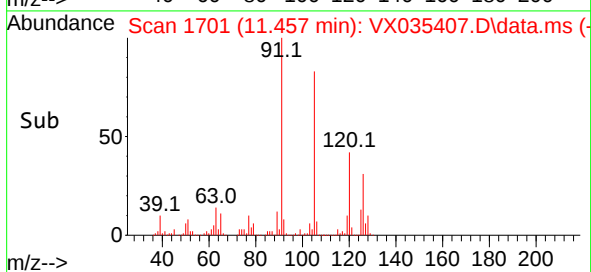
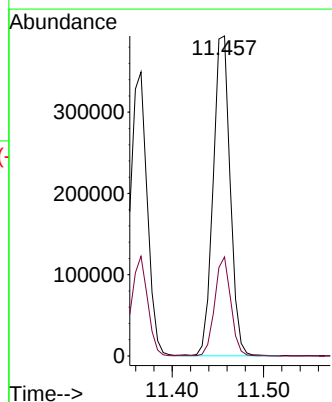
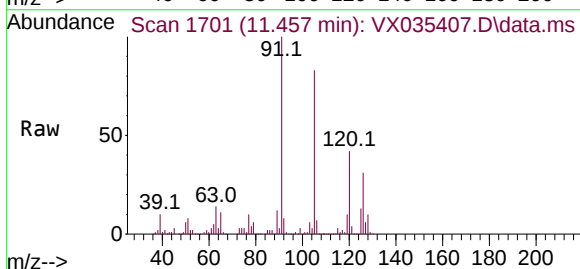
Manual Integrations
APPROVED

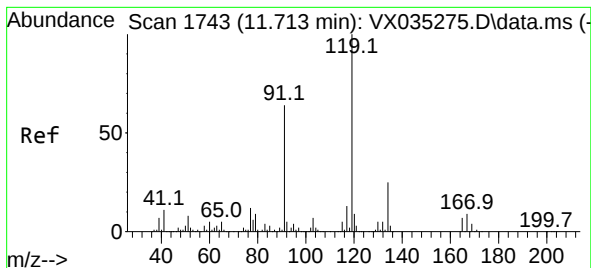
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#82
4-Chlorotoluene
Concen: 48.506 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

Tgt Ion: 91 Resp: 508691
Ion Ratio Lower Upper
91 100
126 29.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 48.387 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 53261

Ion Ratio Lower Upper

119 100

91 59.4 30.6 92.0

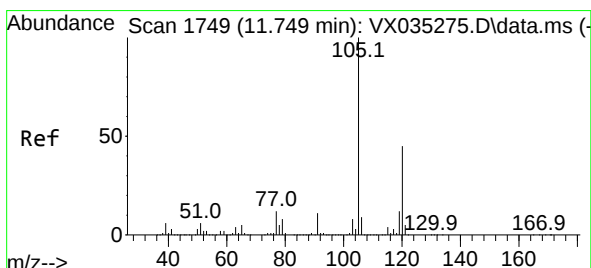
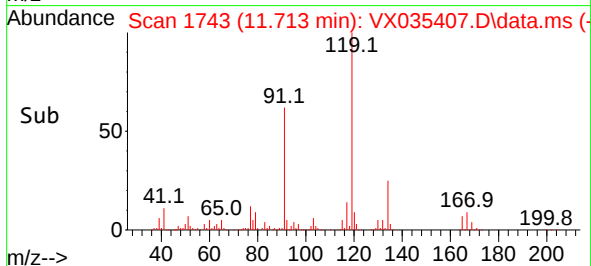
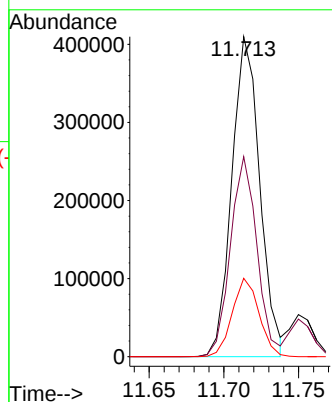
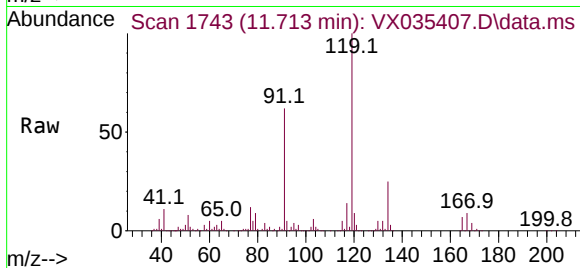
134 23.5 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#84

1,2,4-Trimethylbenzene

Concen: 49.249 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.001 min

Lab File: VX035407.D

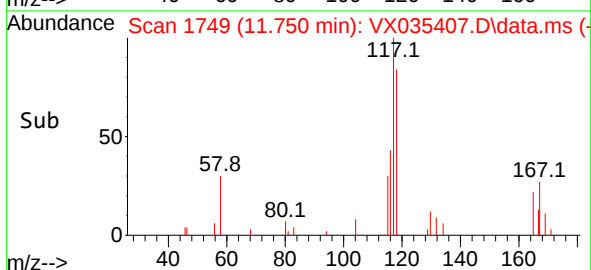
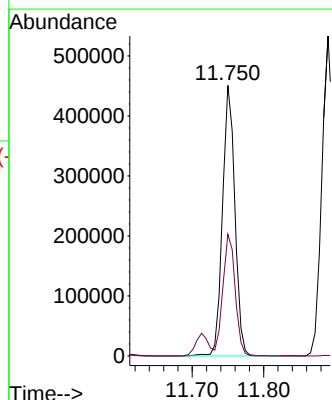
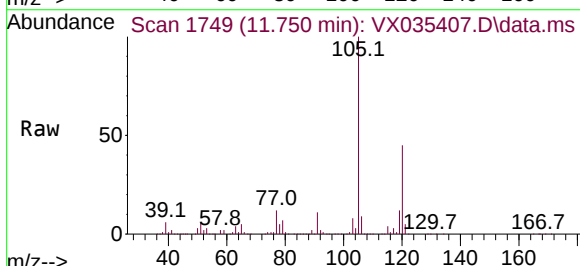
Acq: 28 Apr 2023 21:31

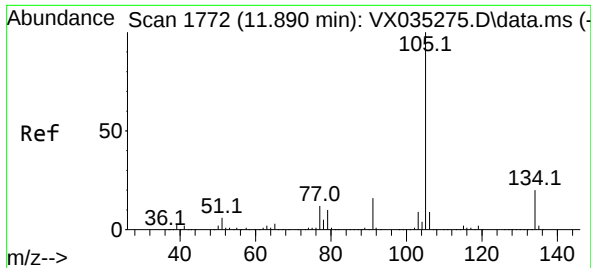
Tgt Ion:105 Resp: 542864

Ion Ratio Lower Upper

105 100

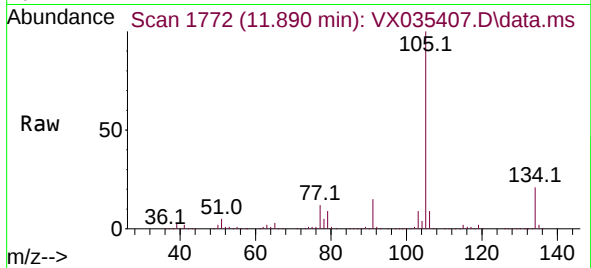
120 44.5 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 47.368 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035407.D
 Acq: 28 Apr 2023 21:31

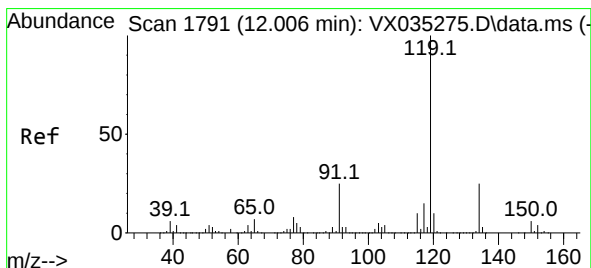
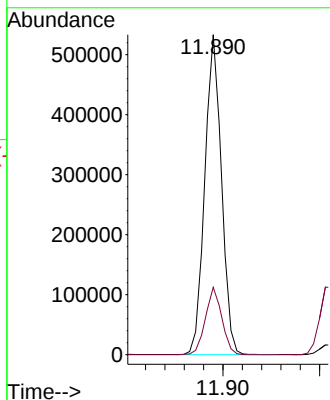
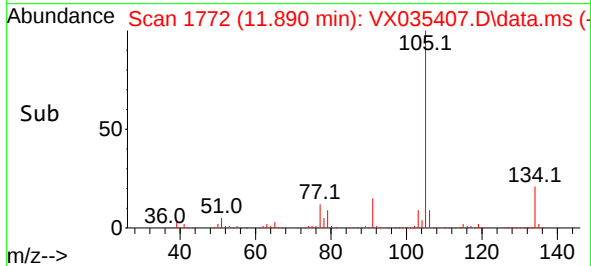
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:105 Resp: 639558
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4

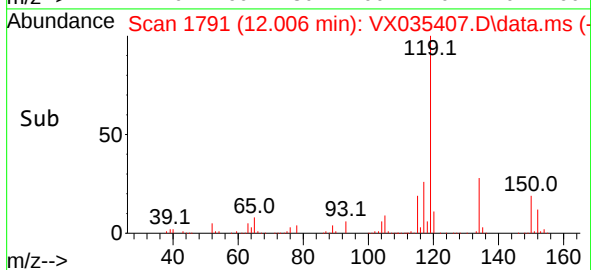
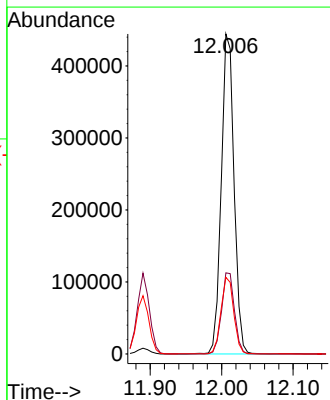
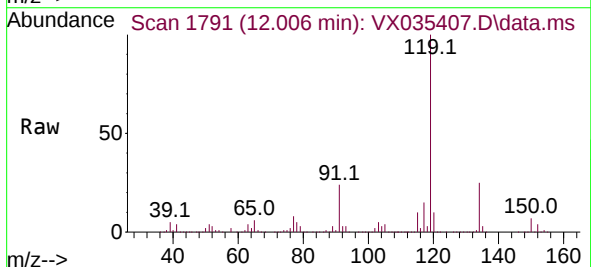
Manual Integrations
 APPROVED

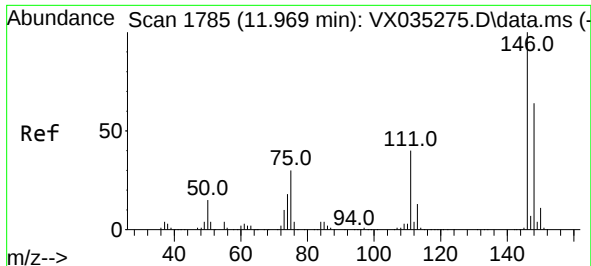
Reviewed By :John Carlone 04/29/2023
 Supervised By :Mahesh Dadoda 05/01/2023



#86
 p-Isopropyltoluene
 Concen: 48.051 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035407.D
 Acq: 28 Apr 2023 21:31

Tgt Ion:119 Resp: 551784
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.0 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 47.851 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035407.D

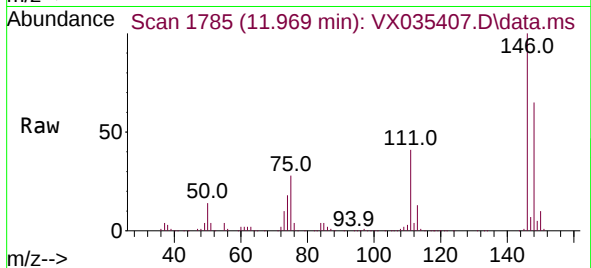
Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 294102

Ion Ratio Lower Upper

146 100

111 41.0 20.9 62.8

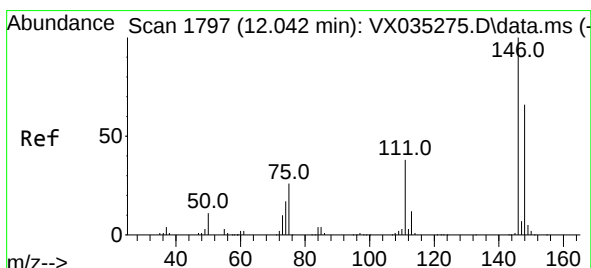
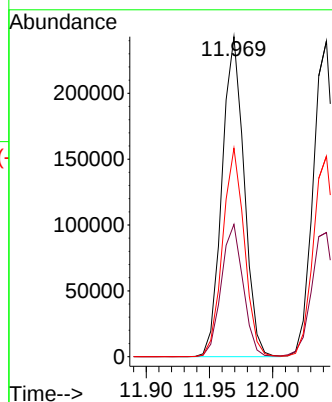
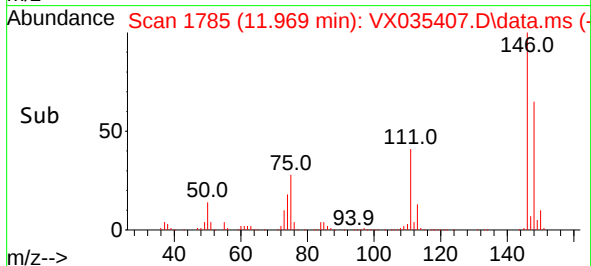
148 64.0 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#88

1,4-Dichlorobenzene

Concen: 45.506 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

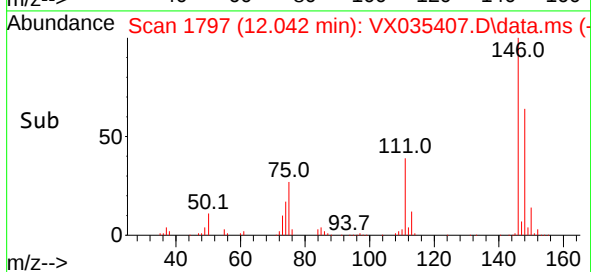
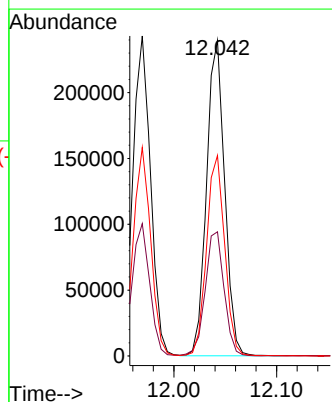
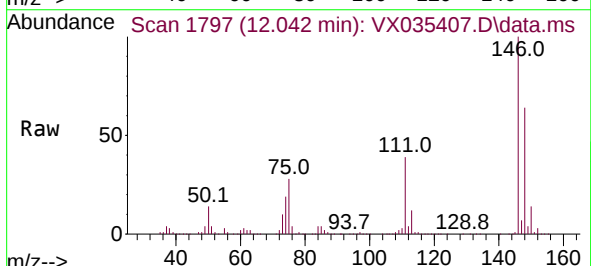
Tgt Ion:146 Resp: 293247

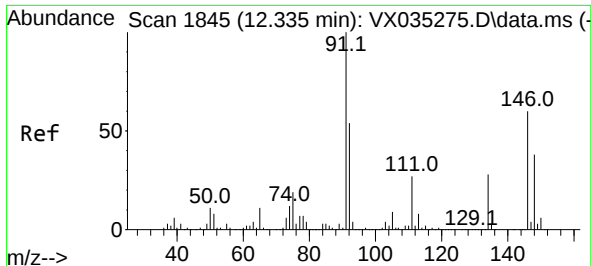
Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.9

148 64.0 31.8 95.4





#89

n-Butylbenzene

Concen: 45.536 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX035407.D

Acq: 28 Apr 2023 21:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 441419

Ion Ratio Lower Upper

91 100

92 54.8 27.7 83.0

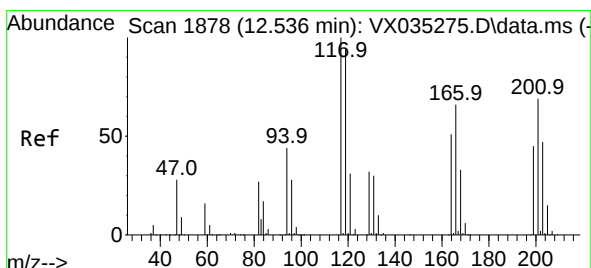
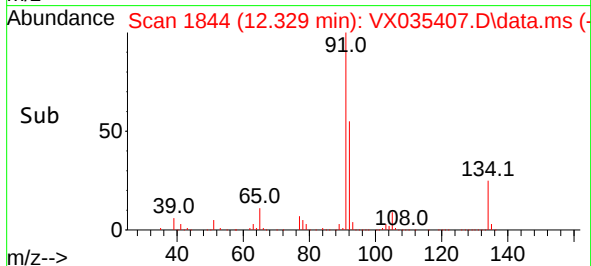
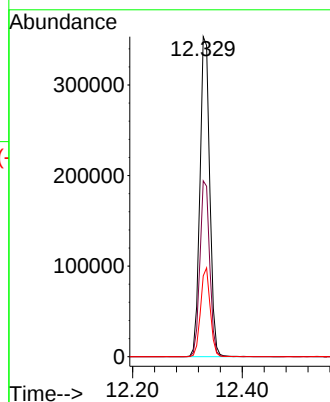
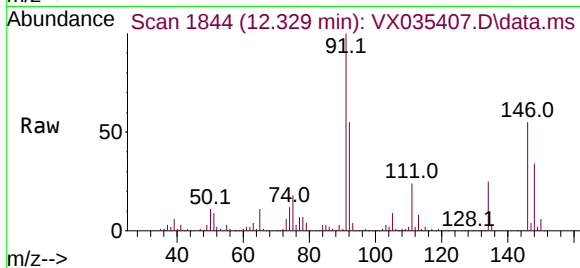
134 27.2 13.0 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/29/2023

Supervised By :Mahesh Dadoda 05/01/2023



#90

Hexachloroethane

Concen: 50.418 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035407.D

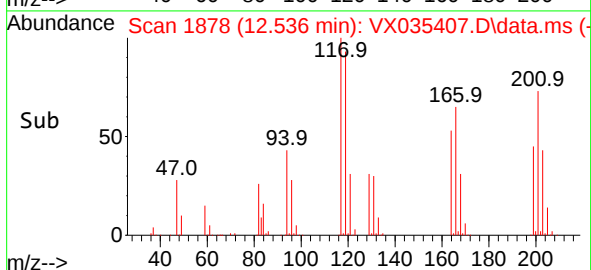
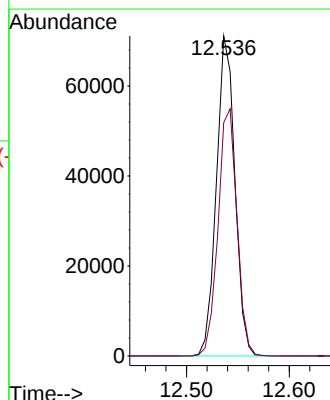
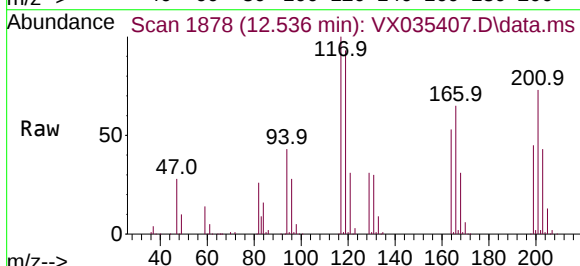
Acq: 28 Apr 2023 21:31

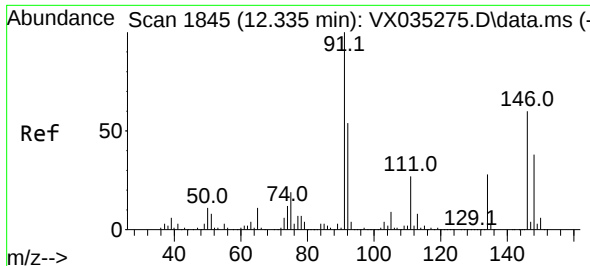
Tgt Ion:117 Resp: 88627

Ion Ratio Lower Upper

117 100

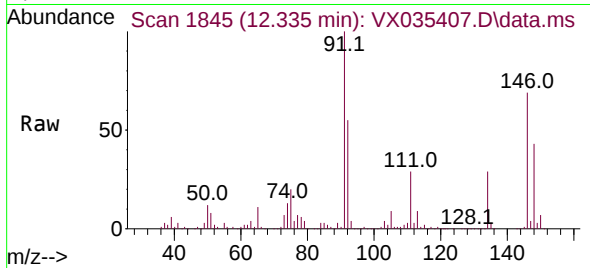
201 79.1 34.4 103.1





#91
1,2-Dichlorobenzene
Concen: 47.967 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

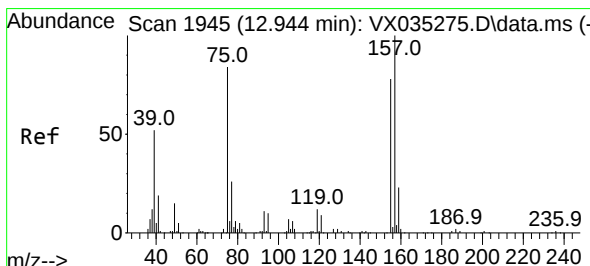
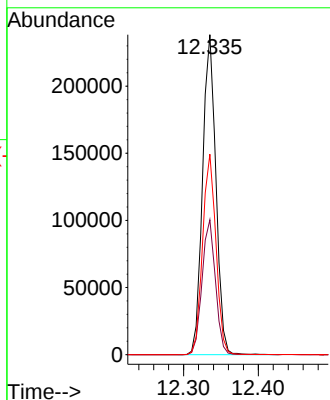
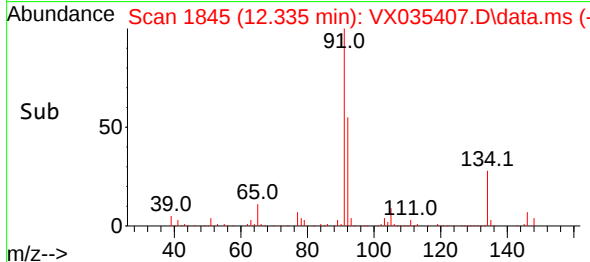
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



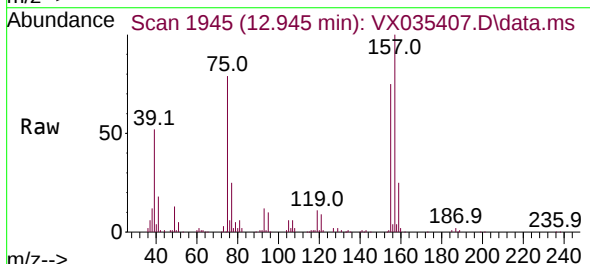
Tgt Ion:146 Resp: 294860
Ion Ratio Lower Upper
146 100
111 42.4 22.0 66.0
148 63.1 32.0 96.0

Manual Integrations
APPROVED

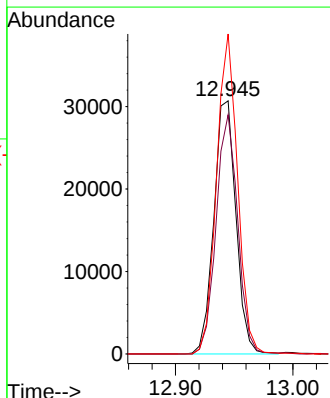
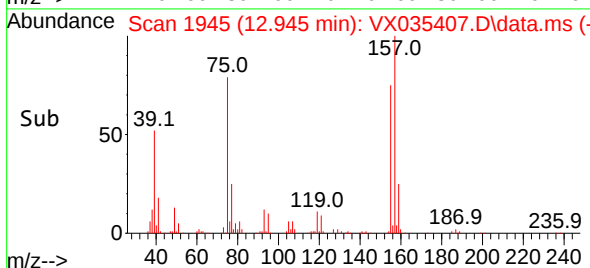
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

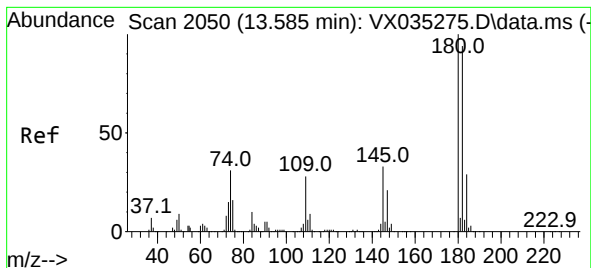


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.621 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



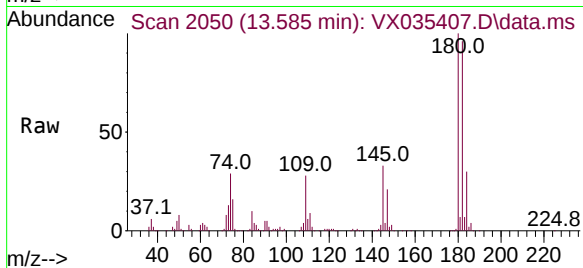
Tgt Ion: 75 Resp: 40181
Ion Ratio Lower Upper
75 100
155 92.5 38.4 115.1
157 120.2 49.9 149.7





#93
1,2,4-Trichlorobenzene
Concen: 47.389 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

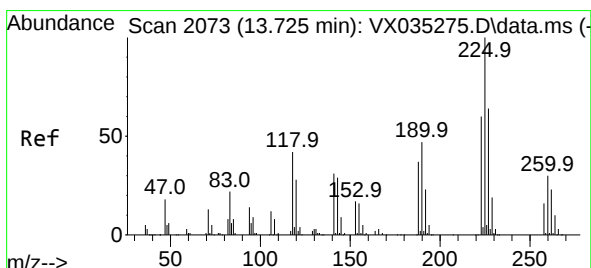
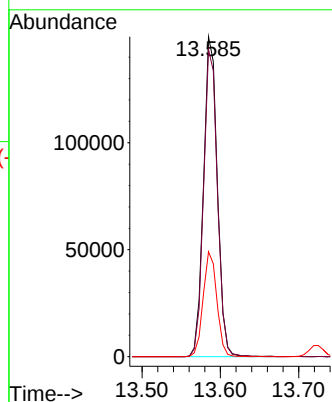
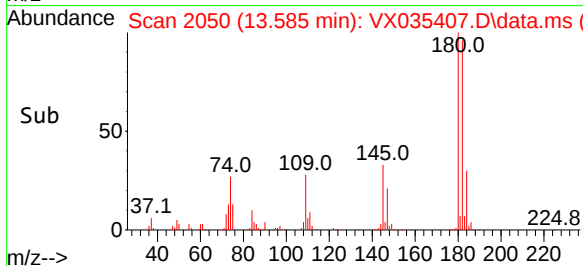
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



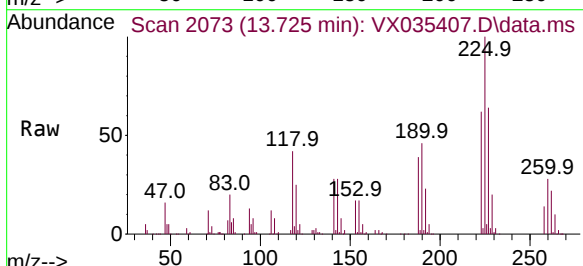
Tgt Ion:180 Resp: 183112
Ion Ratio Lower Upper
180 100
182 96.1 47.0 141.0
145 32.5 15.9 47.7

Manual Integrations
APPROVED

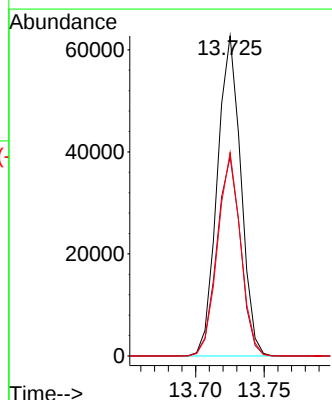
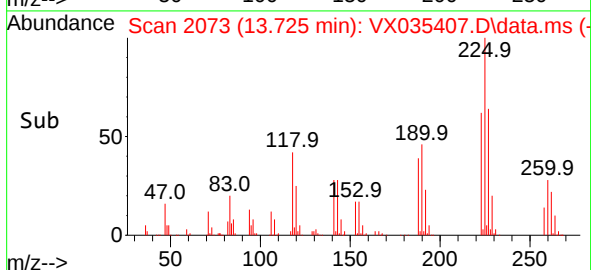
Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023

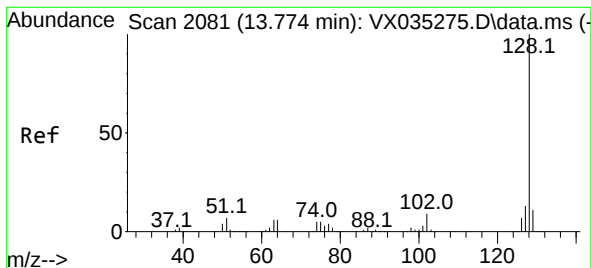


#94
Hexachlorobutadiene
Concen: 44.156 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



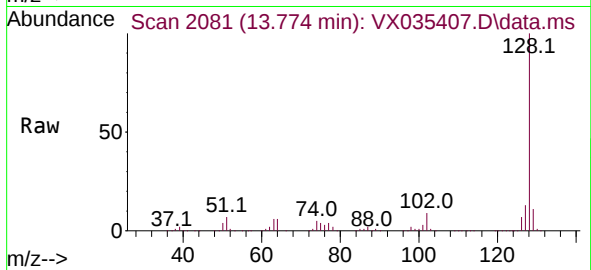
Tgt Ion:225 Resp: 74880
Ion Ratio Lower Upper
225 100
223 62.4 32.1 96.5
227 62.0 31.8 95.4





#95
Naphthalene
Concen: 51.047 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31

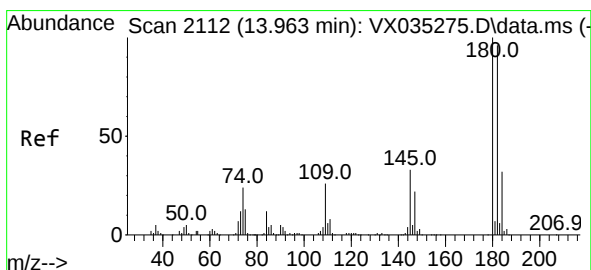
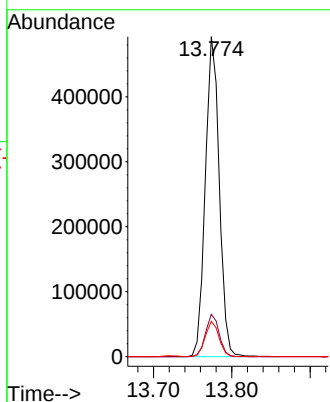
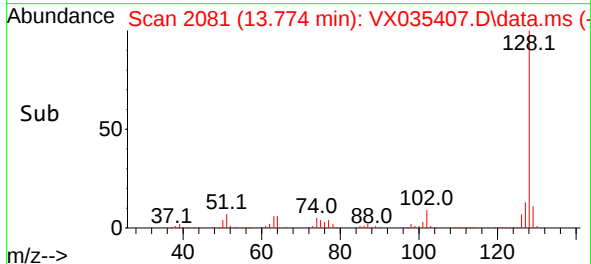
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



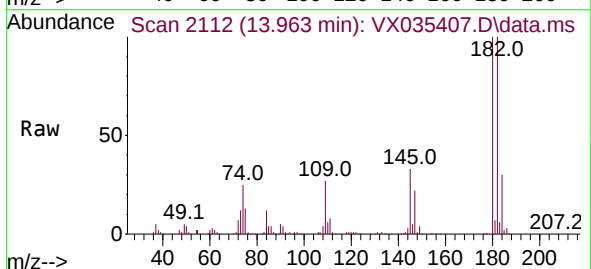
Tgt Ion:128 Resp: 60722
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/29/2023
Supervised By :Mahesh Dadoda 05/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.113 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035407.D
Acq: 28 Apr 2023 21:31



Tgt Ion:180 Resp: 179368
Ion Ratio Lower Upper
180 100
182 97.3 48.0 144.2
145 34.6 17.7 53.1

