

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035607.D
 Acq On : 11 May 2023 14:58
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051123

Quant Time: May 11 16:45:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/11/2023
 Supervised By : Mahesh Dadoda 05/12/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	208498	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	377381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	191394	52.619	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.240%			
35) Dibromofluoromethane	5.385	113	127703	50.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.360%			
50) Toluene-d8	8.647	98	461280	49.062	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.120%			
62) 4-Bromofluorobenzene	11.079	95	190597	50.347	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.700%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	118788	43.716	ug/l	98
3) Chloromethane	1.295	50	133287	40.420	ug/l	97
4) Vinyl Chloride	1.374	62	119081	42.552	ug/l	99
5) Bromomethane	1.612	94	69649	45.954	ug/l	97
6) Chloroethane	1.685	64	71406	42.060	ug/l	98
7) Trichlorofluoromethane	1.886	101	175809	42.726	ug/l	98
8) Diethyl Ether	2.130	74	76598	48.347	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	107912	44.171	ug/l	95
10) Methyl Iodide	2.453	142	113180	51.799	ug/l	92
11) Tert butyl alcohol	2.989	59	160859	250.668	ug/l	97
12) 1,1-Dichloroethene	2.319	96	100263	43.182	ug/l	85
13) Acrolein	2.240	56	168479	221.204	ug/l	99
14) Allyl chloride	2.660	41	229742	46.186	ug/l	95
15) Acrylonitrile	3.069	53	358981	254.040	ug/l	98
16) Acetone	2.386	43	388524	248.526	ug/l	94
17) Carbon Disulfide	2.514	76	247810	44.223	ug/l	99
18) Methyl Acetate	2.703	43	295333	51.224	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	452454	48.969	ug/l	97
20) Methylene Chloride	2.788	84	134767	47.566	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	115961	45.578	ug/l	95
22) Diisopropyl ether	3.758	45	466721	47.921	ug/l	92
23) Vinyl Acetate	3.721	43	1731705	251.291	ug/l	98
24) 1,1-Dichloroethane	3.605	63	241663	46.395	ug/l	99
25) 2-Butanone	4.556	43	542195	250.540	ug/l	99
26) 2,2-Dichloropropane	4.471	77	197815	44.846	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	143782	47.010	ug/l	95
28) Bromochloromethane	4.898	49	106482	45.449	ug/l	97
29) Tetrahydrofuran	5.007	42	335789	246.864	ug/l	99
30) Chloroform	5.093	83	250331	46.900	ug/l	99
31) Cyclohexane	5.471	56	197425	42.961	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	206693	44.507	ug/l	99
36) 1,1-Dichloropropene	5.690	75	172838	43.024	ug/l	98
37) Ethyl Acetate	4.709	43	206006	49.165	ug/l	100
38) Carbon Tetrachloride	5.678	117	166154	43.662	ug/l	99
39) Methylcyclohexane	7.379	83	203116	42.953	ug/l	92
40) Benzene	6.032	78	508172	45.218	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	119229	47.925	ug/l	97
42) 1,2-Dichloroethane	6.086	62	228646	47.296	ug/l	97
43) Isopropyl Acetate	6.336	43	355190	48.612	ug/l	99
44) Trichloroethene	7.123	130	126077	44.244	ug/l	93
45) 1,2-Dichloropropane	7.428	63	139882	46.997	ug/l	99
46) Dibromomethane	7.580	93	98437	48.315	ug/l	95
47) Bromodichloromethane	7.818	83	190200	48.299	ug/l	99
48) Methyl methacrylate	7.690	41	178915	49.617	ug/l	97
49) 1,4-Dioxane	7.702	88	68990	939.976	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1040554	247.198	ug/l	99
52) Toluene	8.714	92	314095	44.276	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	216447	50.591	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	229349	50.033	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	134708	48.346	ug/l	99
56) Ethyl methacrylate	9.116	69	224664	49.790	ug/l	98
57) 1,3-Dichloropropane	9.305	76	238758	47.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	544889	237.380	ug/l	99
59) 2-Hexanone	9.427	43	797372	251.530	ug/l	98
60) Dibromochloromethane	9.519	129	132349	49.831	ug/l	99
61) 1,2-Dibromoethane	9.610	107	142791	48.641	ug/l	99
64) Tetrachloroethene	9.275	164	97066	42.356	ug/l	96
65) Chlorobenzene	10.080	112	334833	45.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	124859	47.523	ug/l	99
67) Ethyl Benzene	10.195	91	613285	43.886	ug/l	100
68) m/p-Xylenes	10.299	106	461704	89.383	ug/l	95
69) o-Xylene	10.640	106	230975	45.062	ug/l	95
70) Styrene	10.653	104	388491	47.027	ug/l	97
71) Bromoform	10.799	173	86917	50.280	ug/l #	98
73) Isopropylbenzene	10.964	105	593421	43.304	ug/l	98
74) N-amyl acetate	10.842	43	299677	46.902	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	205628	46.257	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	181047m	45.514	ug/l	
77) Bromobenzene	11.195	156	138592	44.558	ug/l	92
78) n-propylbenzene	11.305	91	707335	43.910	ug/l	98
79) 2-Chlorotoluene	11.366	91	441184	43.745	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	511568	43.922	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	61428	49.769	ug/l	90
82) 4-Chlorotoluene	11.451	91	514540	44.300	ug/l	98
83) tert-Butylbenzene	11.713	119	487266	43.039	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	521129	44.561	ug/l	97
85) sec-Butylbenzene	11.890	105	614996	43.264	ug/l	98
86) p-Isopropyltoluene	12.006	119	521825	44.653	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	265082	44.863	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	267949	44.909	ug/l	98
89) n-Butylbenzene	12.329	91	474280	44.614	ug/l	99
90) Hexachloroethane	12.536	117	79221	44.726	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	262408	45.352	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47875	48.364	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	162816	46.734	ug/l	98
94) Hexachlorobutadiene	13.725	225	60358	43.648	ug/l	97
95) Naphthalene	13.774	128	567607	47.575	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	160635	46.882	ug/l	98

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ClientSampleId :
ICVVX051123

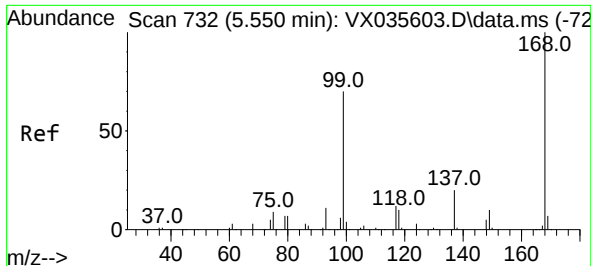
Manual Integrations
APPROVED

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Quant Time: May 11 16:45:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

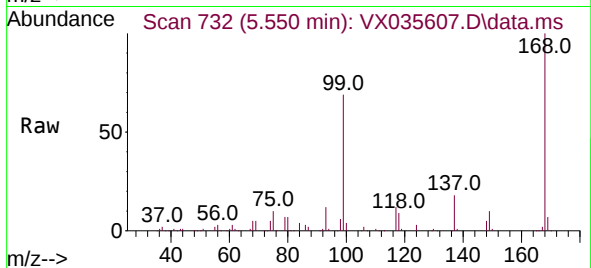
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX035607.D
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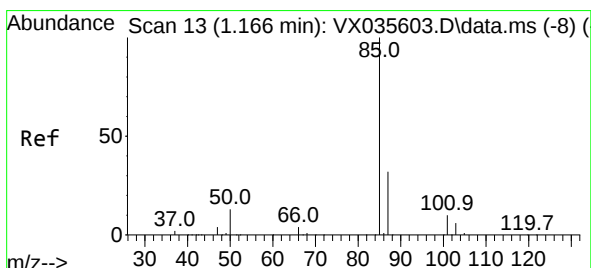
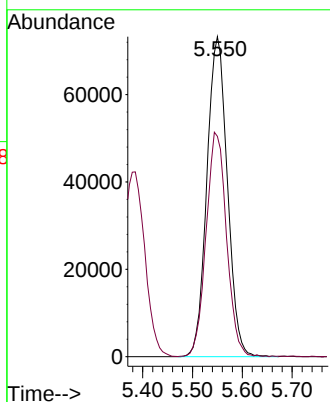
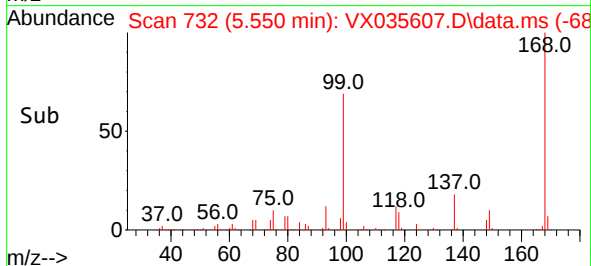
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion:168 Resp: 208498
Ion Ratio Lower Upper
168 100
99 68.8 45.7 68.5

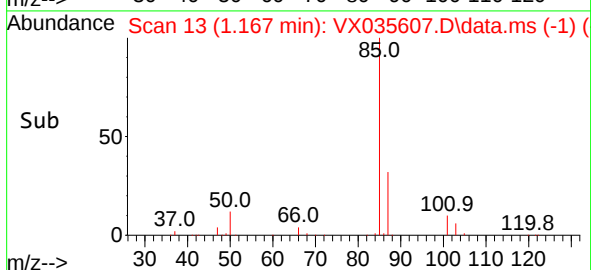
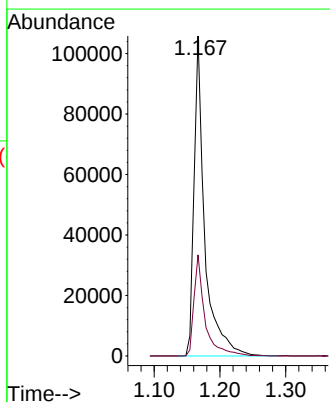
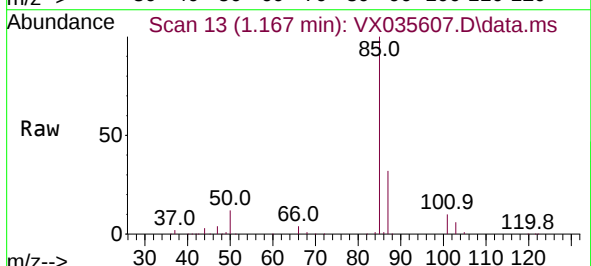
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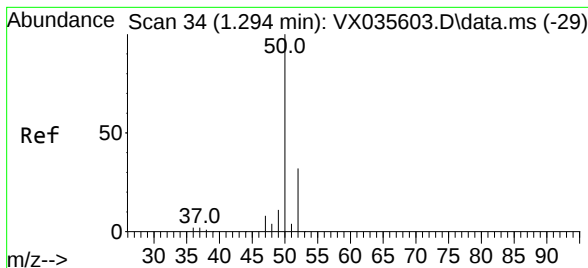
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#2
Dichlorodifluoromethane
Concen: 43.716 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

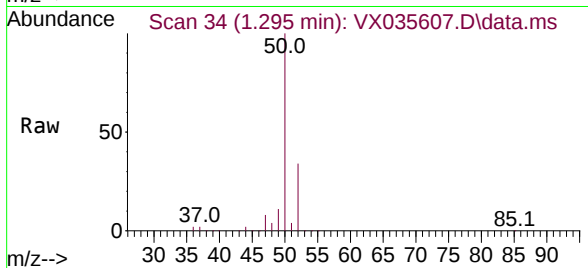
Tgt Ion: 85 Resp: 118788
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.1





#3
Chloromethane
Concen: 40.420 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

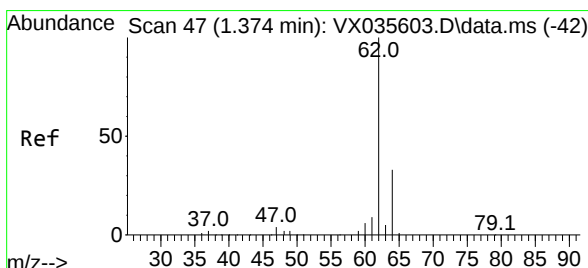
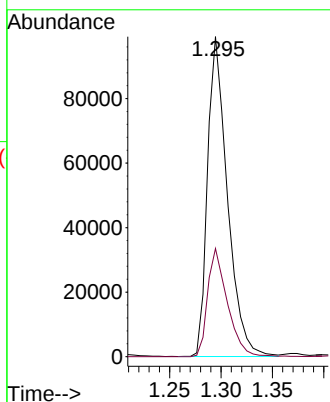
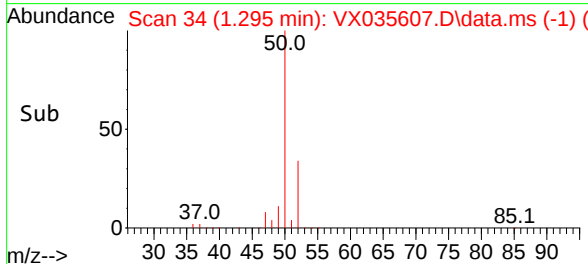
Instrument :
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Tgt Ion: 50 Resp: 13328
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9

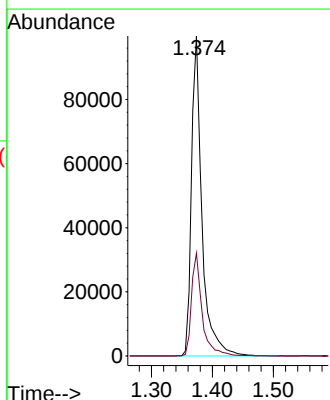
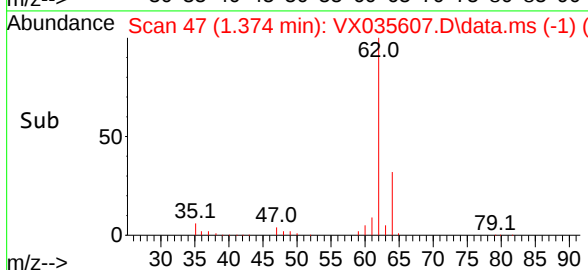
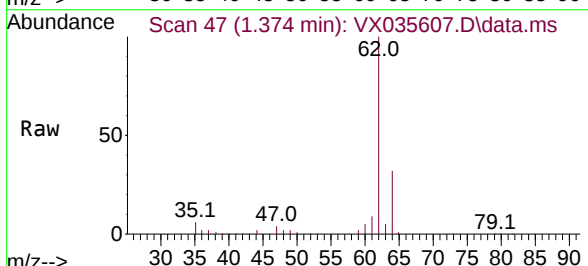
Manual Integrations
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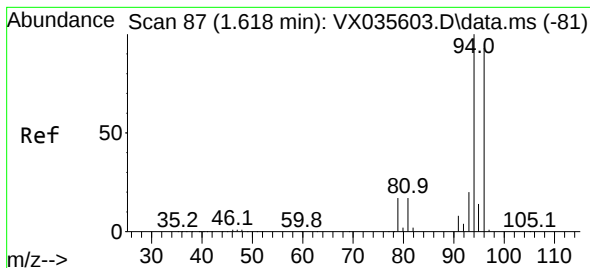
Reviewed By :John Carlone 05/11/2023
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#4
Vinyl Chloride
Concen: 42.552 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

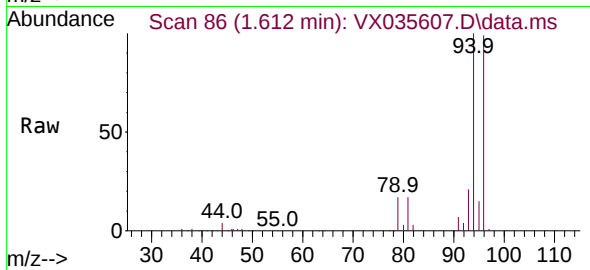
Tgt Ion: 62 Resp: 119081
Ion Ratio Lower Upper
62 100
64 32.2 26.4 39.6





#5
Bromomethane
Concen: 45.954 ug/l
RT: 1.612 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

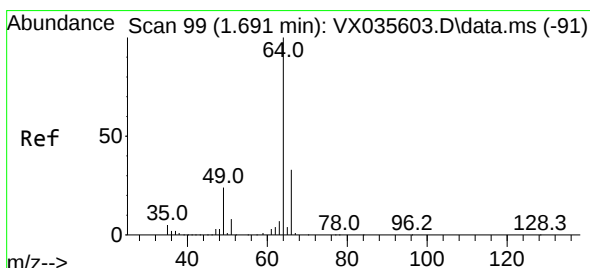
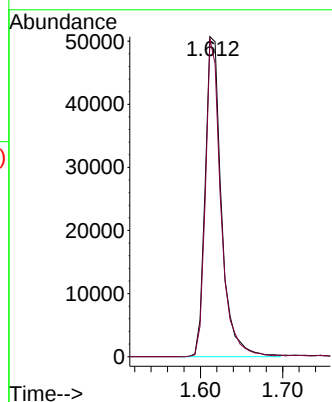
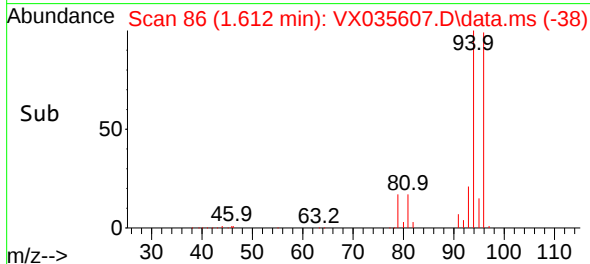
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Tgt Ion: 94 Resp: 69649
Ion Ratio Lower Upper
94 100
96 99.1 77.0 115.6

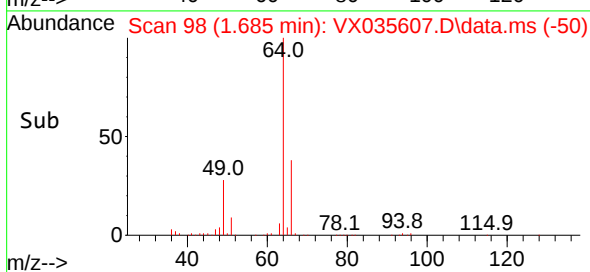
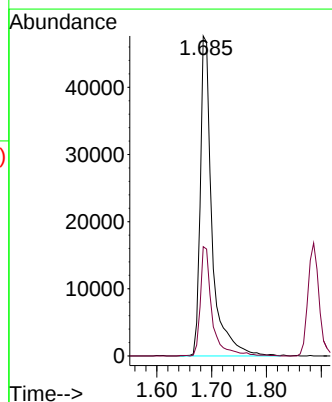
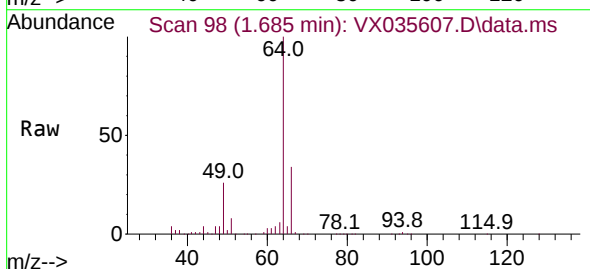
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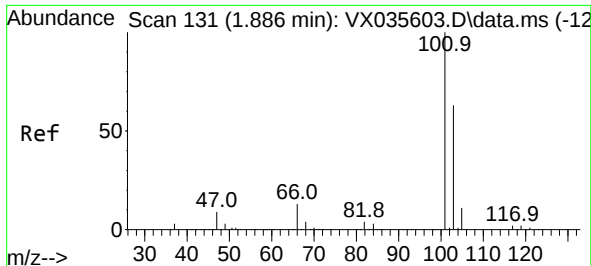
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#6
Chloroethane
Concen: 42.060 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

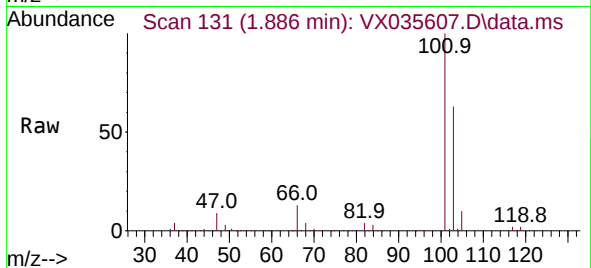
Tgt Ion: 64 Resp: 71406
Ion Ratio Lower Upper
64 100
66 34.1 26.2 39.4





#7
Trichlorofluoromethane
Concen: 42.726 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

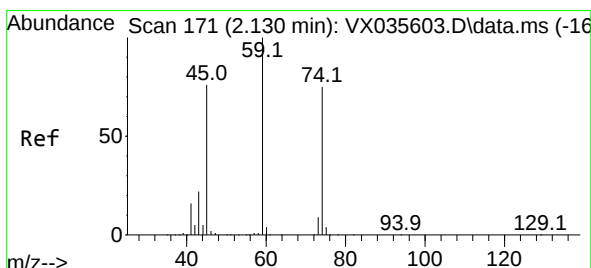
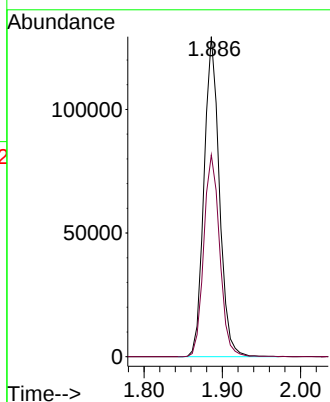
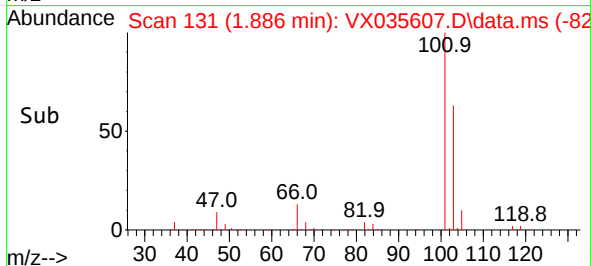
Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 175809
Ion Ratio Lower Upper
101 100
103 63.1 52.0 78.0

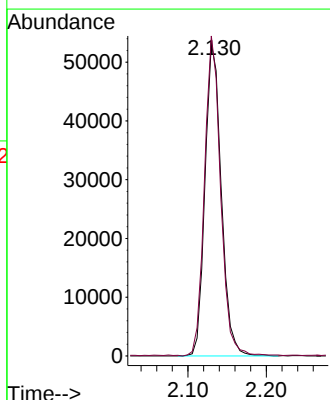
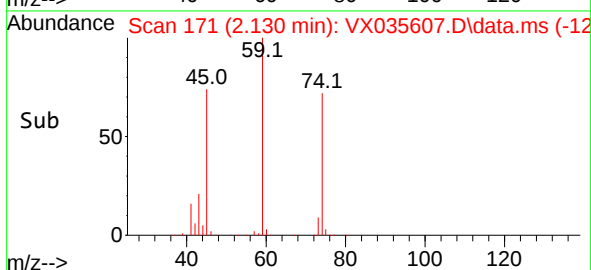
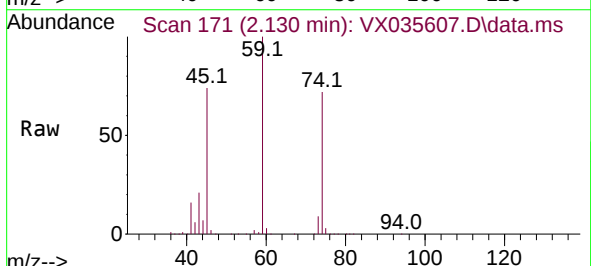
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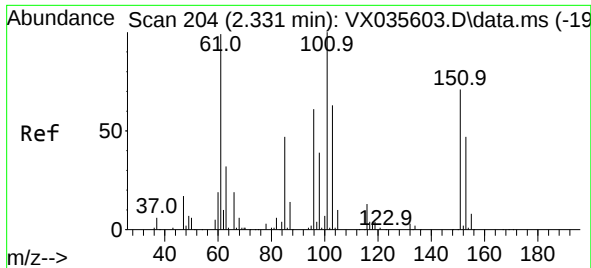
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#8
Diethyl Ether
Concen: 48.347 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 76598
Ion Ratio Lower Upper
74 100
45 101.7 49.8 149.3





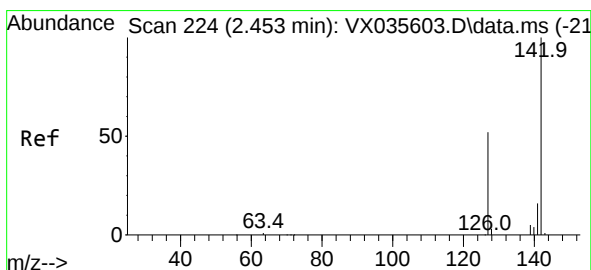
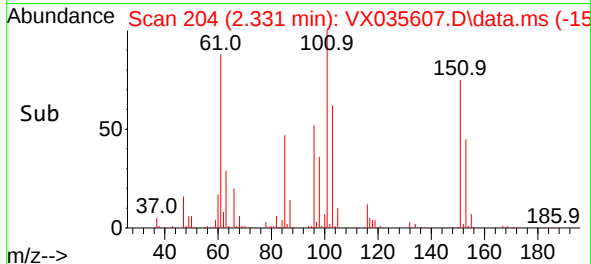
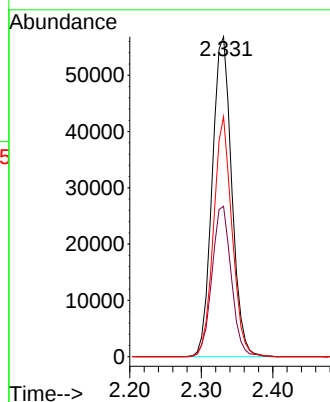
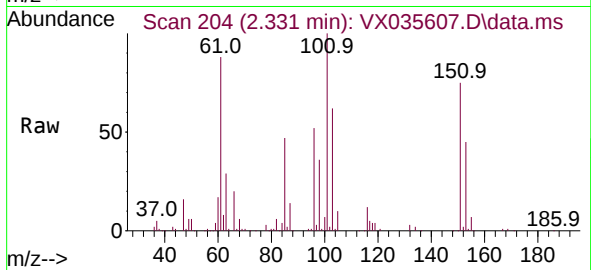
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.171 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion:101 Resp: 107912
Ion Ratio Lower Upper
101 100
85 46.5 35.4 53.2
151 70.9 60.2 90.4

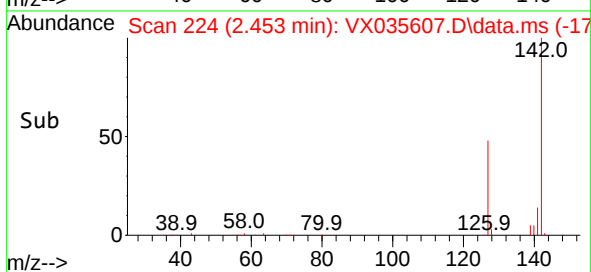
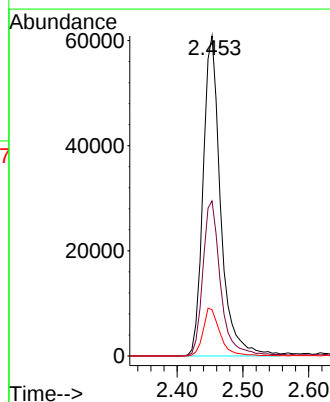
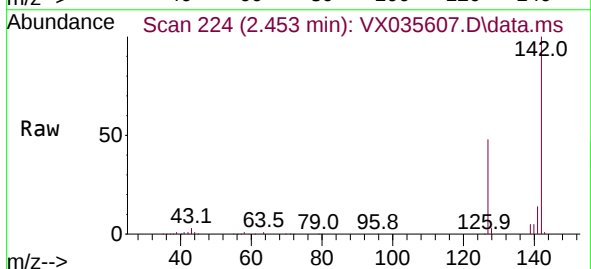
Manual Integrations
APPROVED

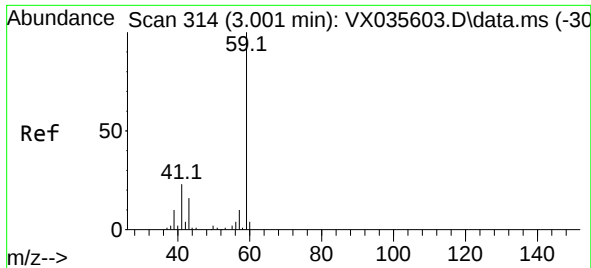
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#10
Methyl Iodide
Concen: 51.799 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

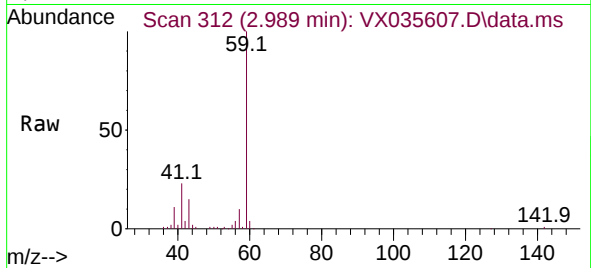
Tgt Ion:142 Resp: 113180
Ion Ratio Lower Upper
142 100
127 49.3 34.0 51.0
141 14.5 11.1 16.7





#11
Tert butyl alcohol
Concen: 250.668 ug/l
RT: 2.989 min Scan# 314
Delta R.T. -0.012 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

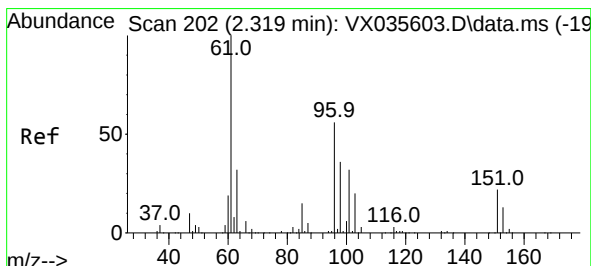
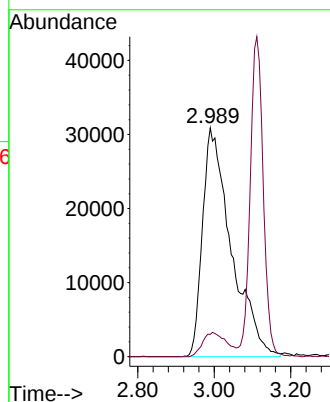
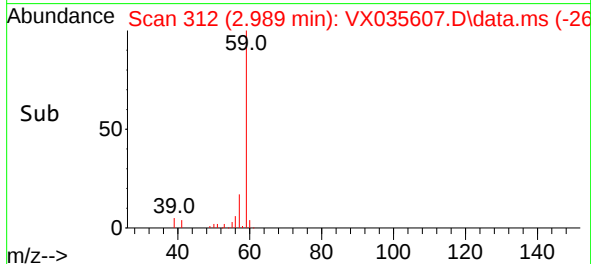
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion: 59 Resp: 160859
Ion Ratio Lower Upper
59 100
57 8.8 8.1 12.1

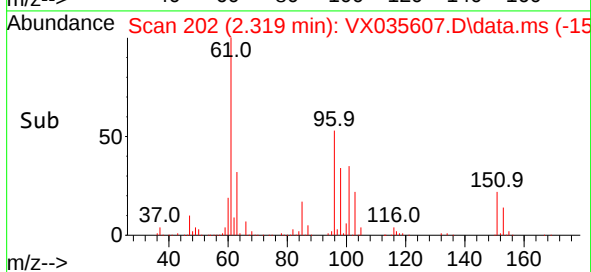
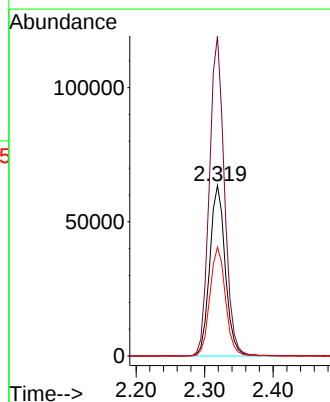
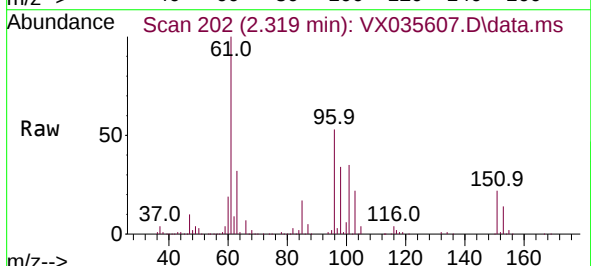
Manual Integrations
APPROVED

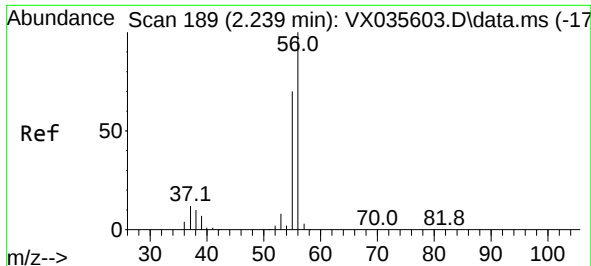
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#12
1,1-Dichloroethene
Concen: 43.182 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

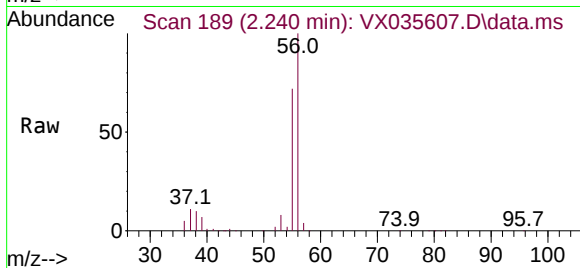
Tgt Ion: 96 Resp: 100263
Ion Ratio Lower Upper
96 100
61 187.7 128.8 193.2
98 63.8 51.4 77.0





#13
Acrolein
Concen: 221.204 ug/l
RT: 2.240 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

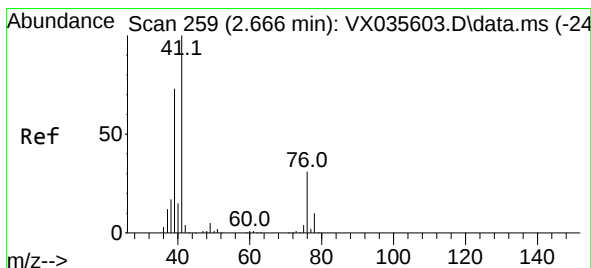
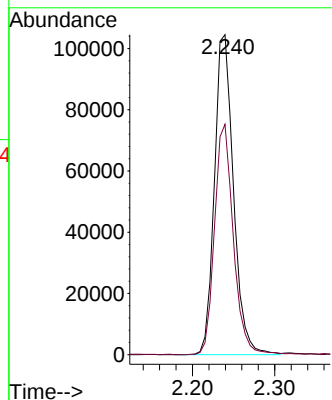
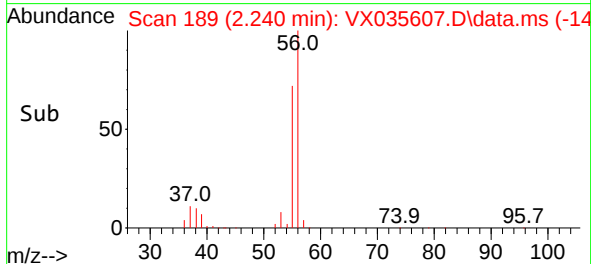
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion: 56 Resp: 168479
Ion Ratio Lower Upper
56 100
55 71.5 56.6 85.0

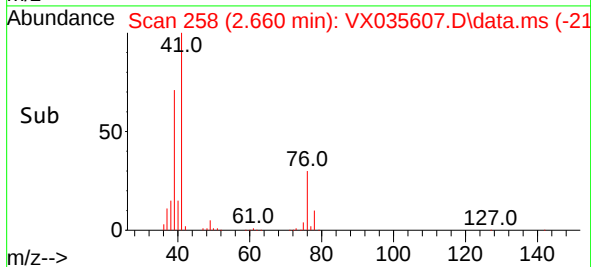
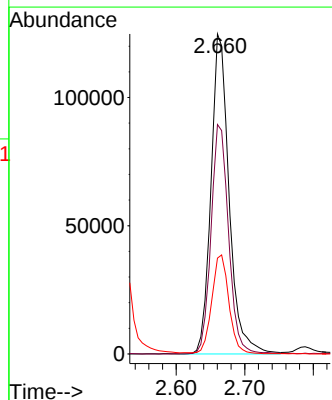
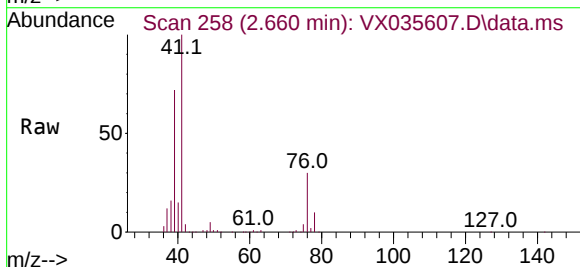
Manual Integrations
APPROVED

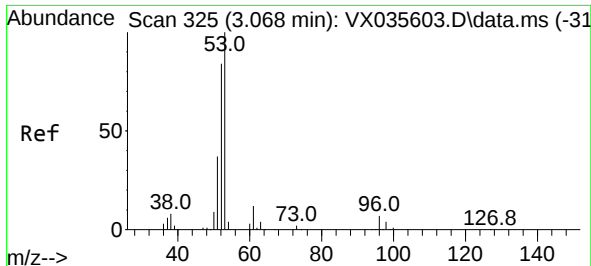
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#14
Allyl chloride
Concen: 46.186 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

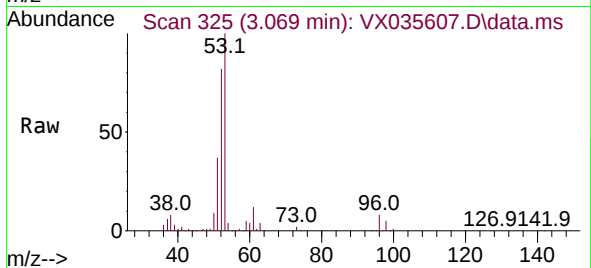
Tgt Ion: 41 Resp: 229742
Ion Ratio Lower Upper
41 100
39 69.5 52.4 78.6
76 29.6 26.0 39.0





#15
Acrylonitrile
Concen: 254.040 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

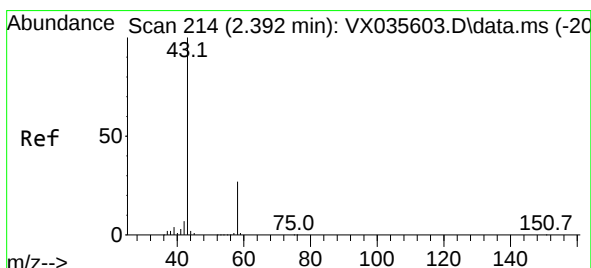
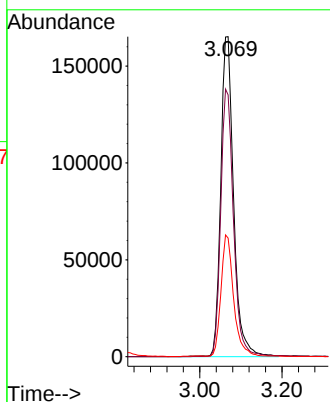
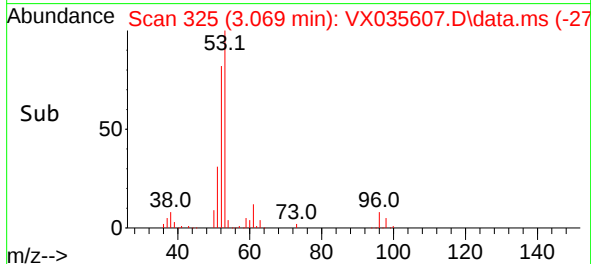
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion: 53 Resp: 35898
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 37.7 28.3 42.5

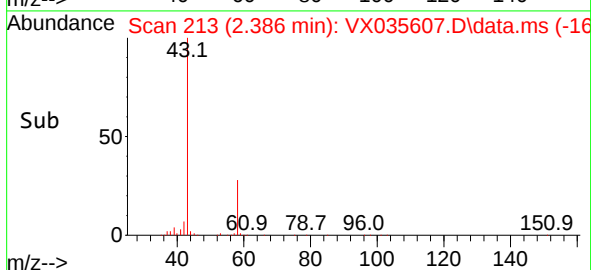
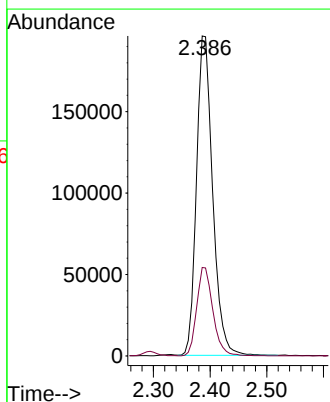
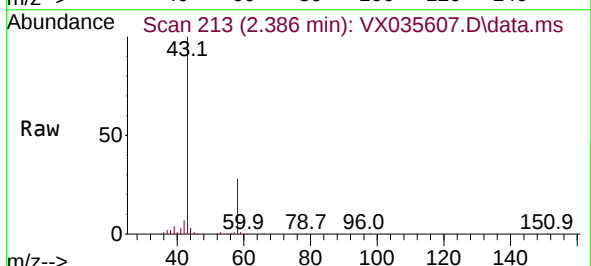
Manual Integrations
APPROVED

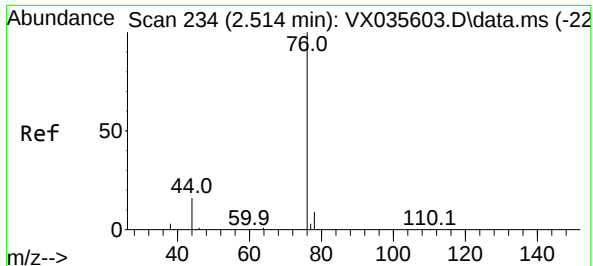
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#16
Acetone
Concen: 248.526 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

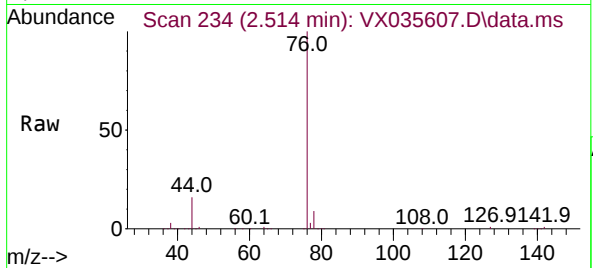
Tgt Ion: 43 Resp: 388524
Ion Ratio Lower Upper
43 100
58 27.6 24.7 37.1





#17
Carbon Disulfide
Concen: 44.223 ug/l
RT: 2.514 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

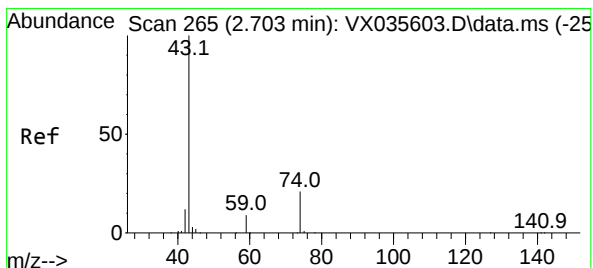
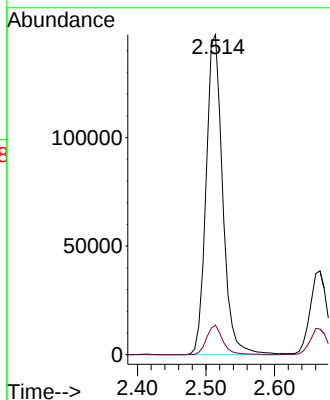
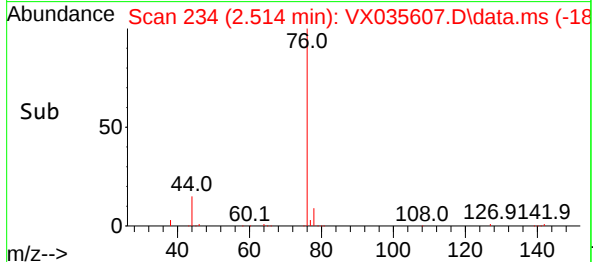
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion: 76 Resp: 247810
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

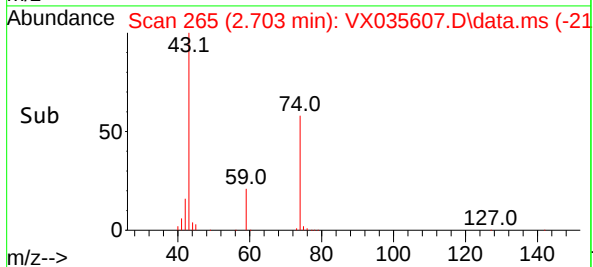
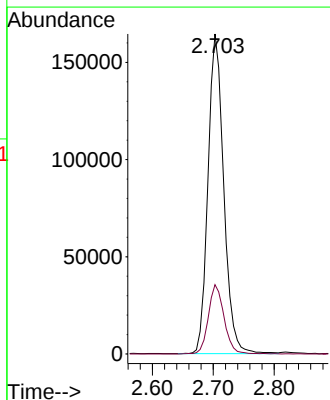
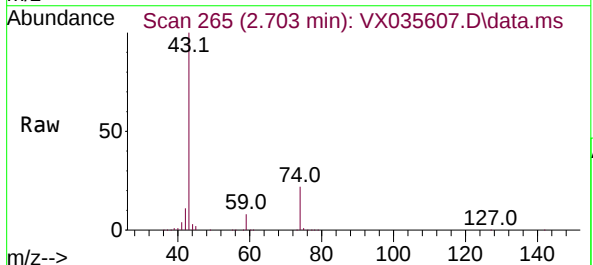
Manual Integrations
APPROVED

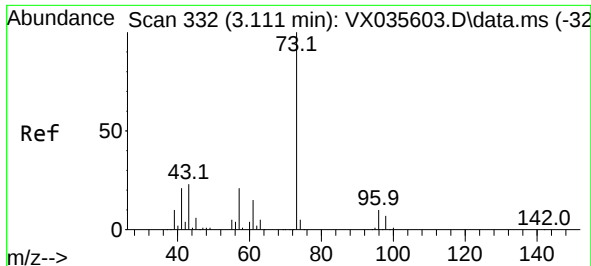
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#18
Methyl Acetate
Concen: 51.224 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 43 Resp: 295333
Ion Ratio Lower Upper
43 100
74 21.7 18.3 27.5





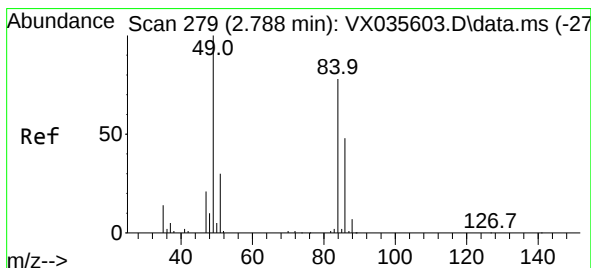
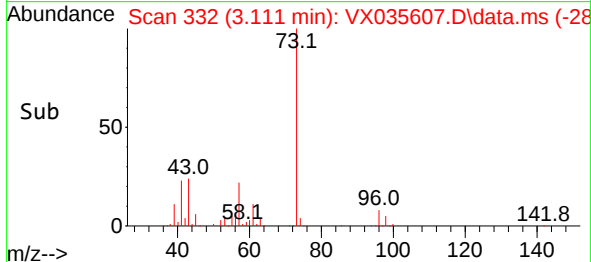
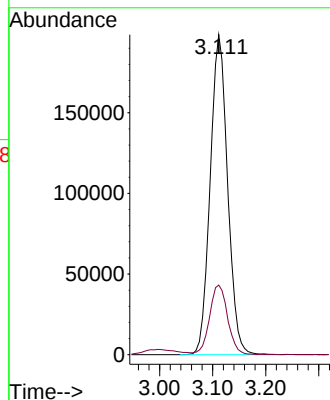
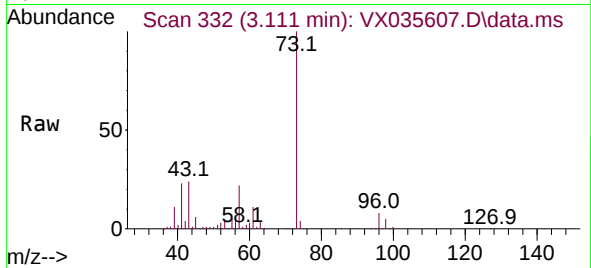
#19
Methyl tert-butyl Ether
Concen: 48.969 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion: 73 Resp: 452454
Ion Ratio Lower Upper
73 100
57 21.8 18.5 27.7

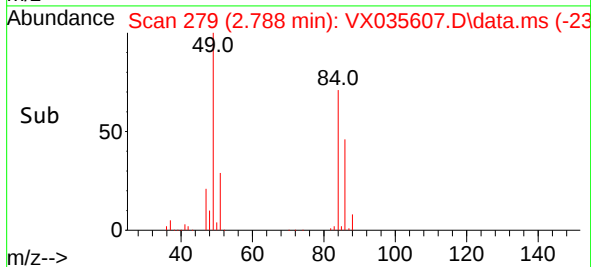
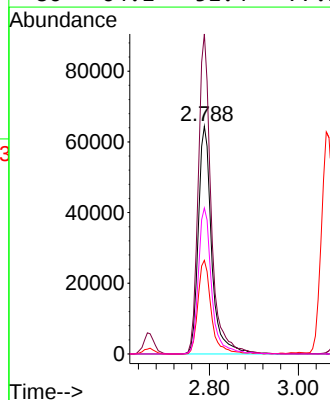
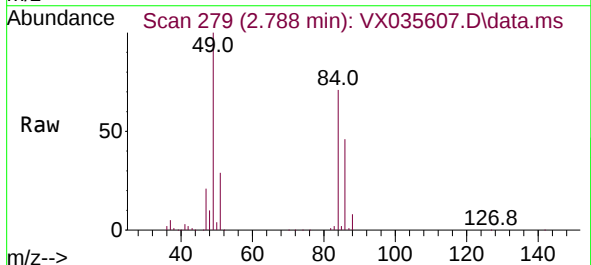
Manual Integrations
APPROVED

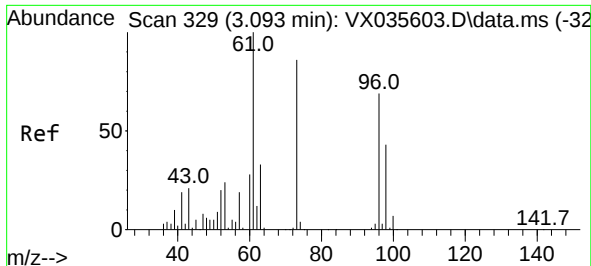
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#20
Methylene Chloride
Concen: 47.566 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

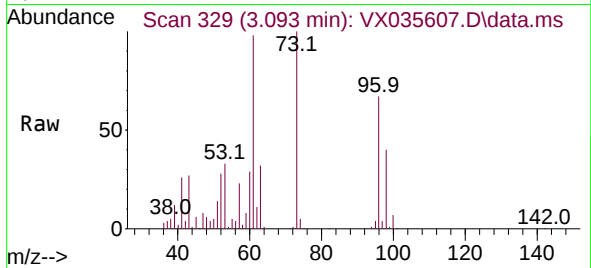
Tgt Ion: 84 Resp: 134767
Ion Ratio Lower Upper
84 100
49 140.6 103.8 155.8
51 41.1 31.8 47.8
86 64.1 51.4 77.2





#21
trans-1,2-Dichloroethene
Concen: 45.578 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

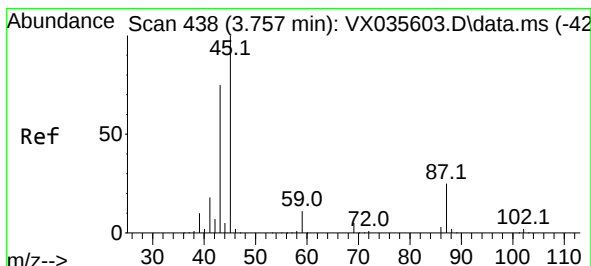
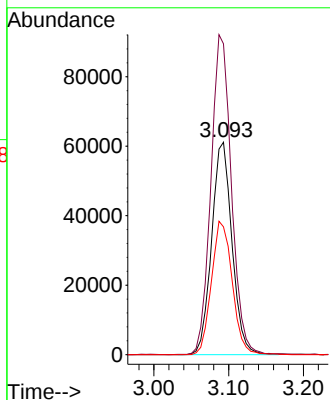
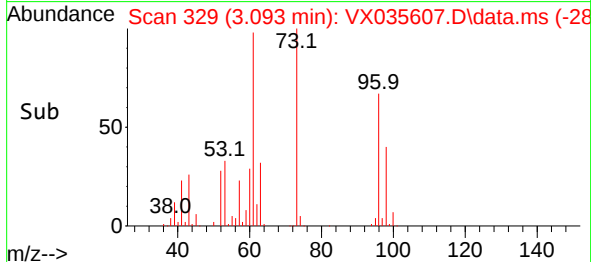
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion: 96 Resp: 11596
Ion Ratio Lower Upper
96 100
61 146.1 113.0 169.6
98 60.2 52.1 78.1

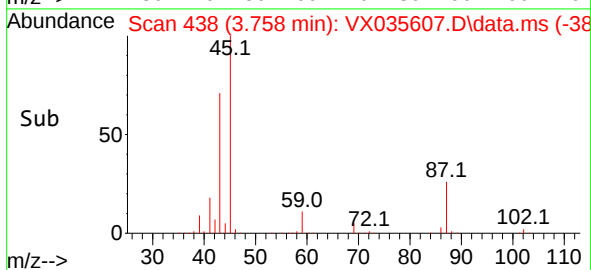
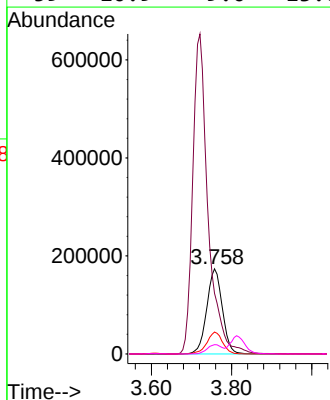
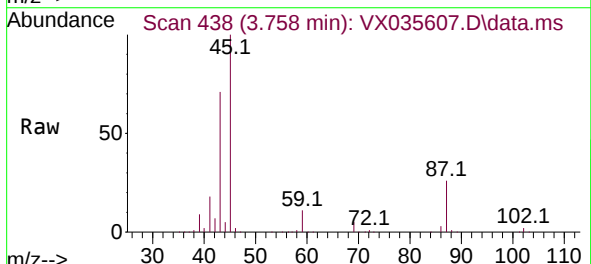
Manual Integrations
APPROVED

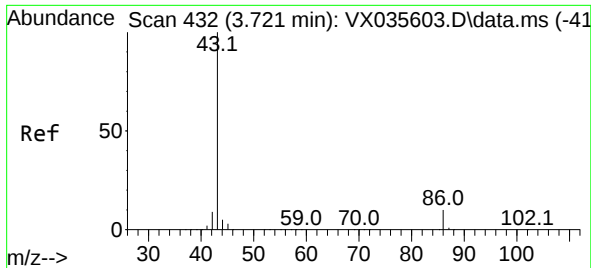
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#22
Diisopropyl ether
Concen: 47.921 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

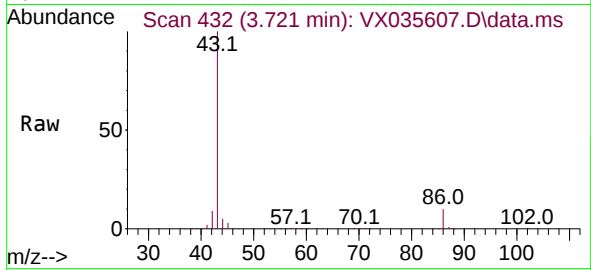
Tgt Ion: 45 Resp: 466721
Ion Ratio Lower Upper
45 100
43 71.0 65.4 98.2
87 25.8 20.6 31.0
59 10.9 9.0 13.6





#23
 Vinyl Acetate
 Concen: 251.291 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX035607.D
 Acq: 11 May 2023 14:58

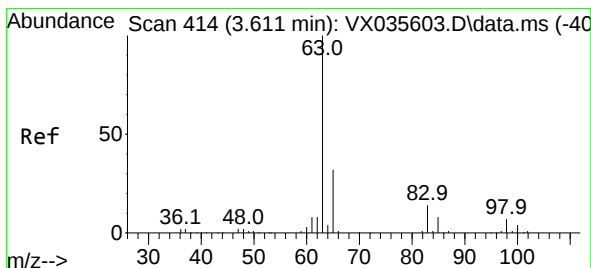
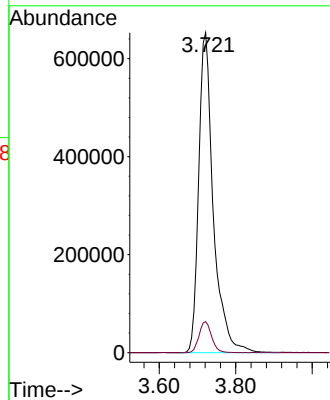
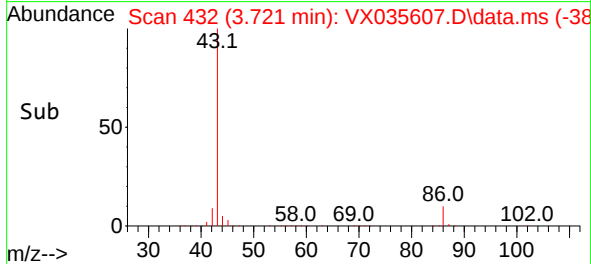
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051123



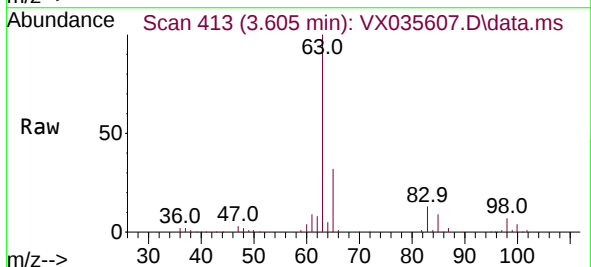
Tgt Ion: 43 Resp: 173170
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

Manual Integrations
 APPROVED

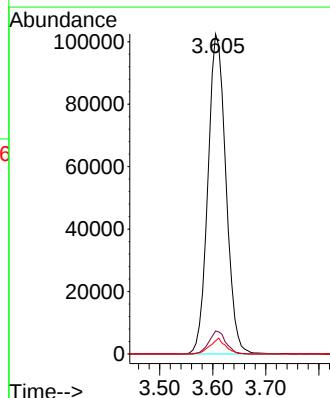
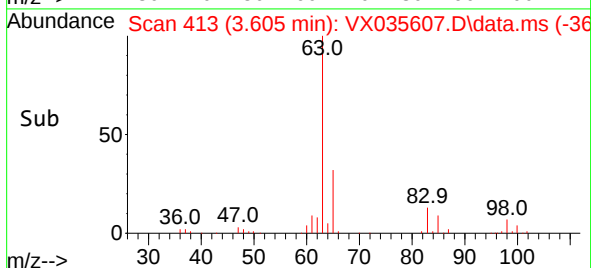
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/12/2023

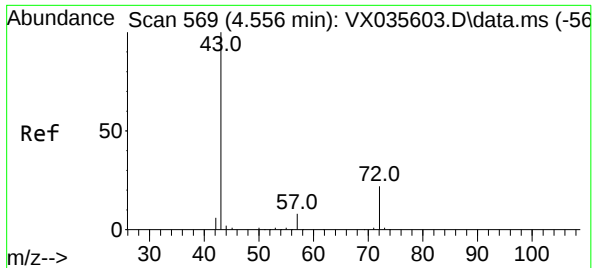


#24
 1,1-Dichloroethane
 Concen: 46.395 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX035607.D
 Acq: 11 May 2023 14:58



Tgt Ion: 63 Resp: 241663
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.8 11.2
 100 4.1 2.4 7.1





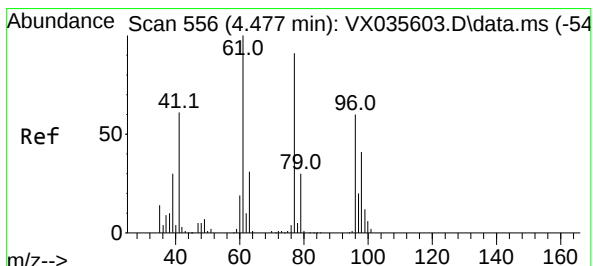
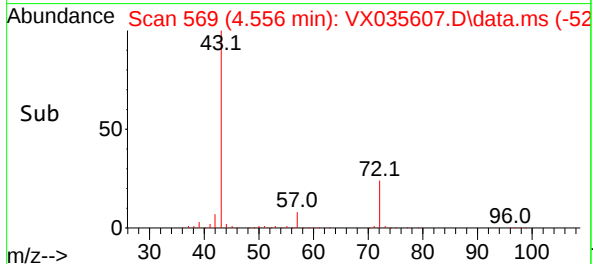
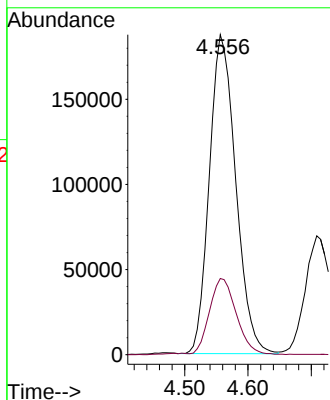
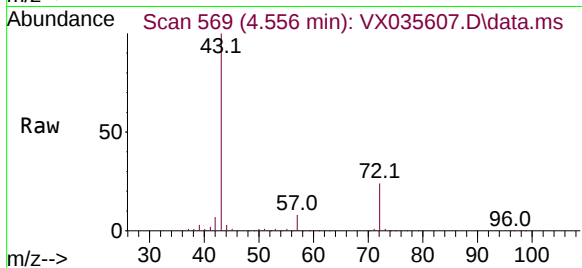
#25
2-Butanone
Concen: 250.540 ug/l
RT: 4.556 min Scan# 50
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion: 43 Resp: 54219
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9

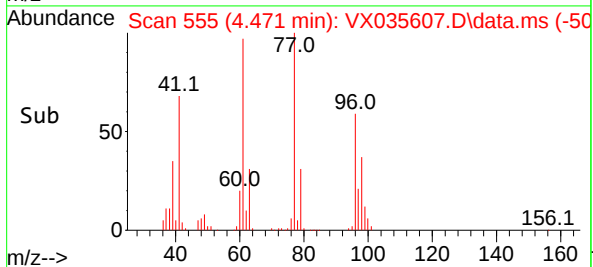
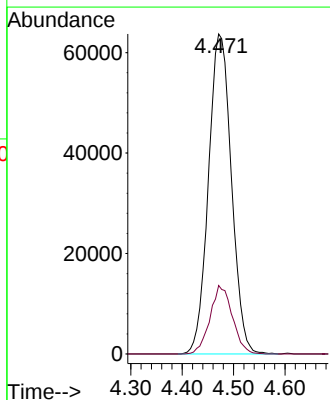
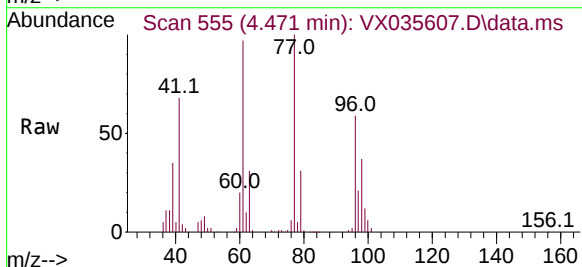
Manual Integrations
APPROVED

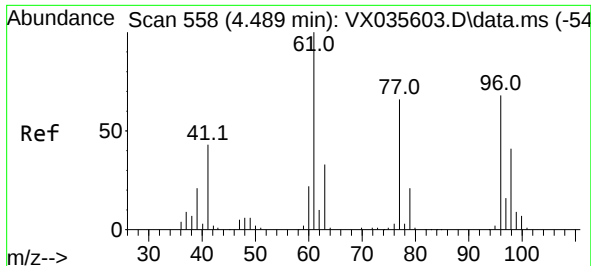
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#26
2,2-Dichloropropane
Concen: 44.846 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 77 Resp: 197815
Ion Ratio Lower Upper
77 100
97 20.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 47.010 ug/l

RT: 4.483 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123

Tgt Ion: 96 Resp: 14378

Ion Ratio Lower Upper

96 100

61 158.6 0.0 300.4

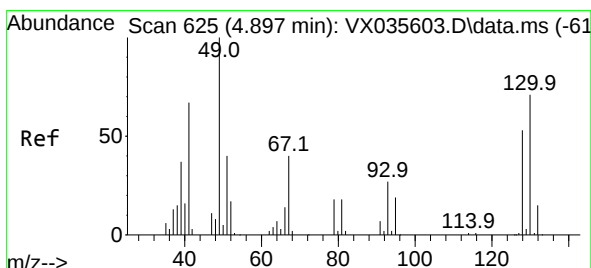
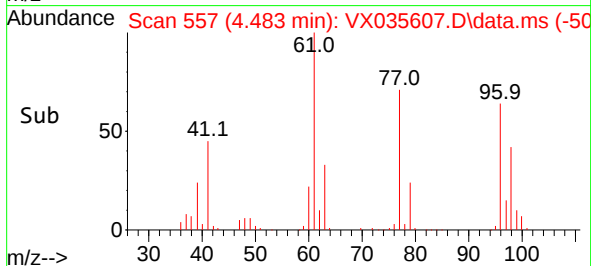
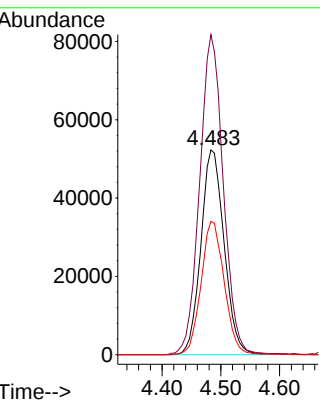
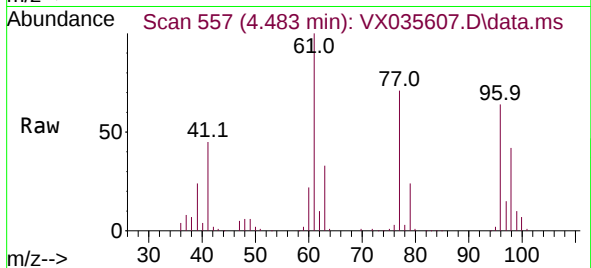
98 64.6 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#28

Bromochloromethane

Concen: 45.449 ug/l

RT: 4.898 min Scan# 625

Delta R.T. 0.001 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

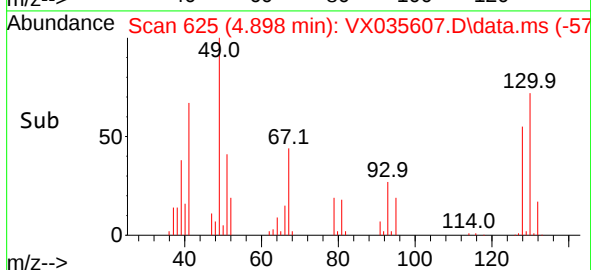
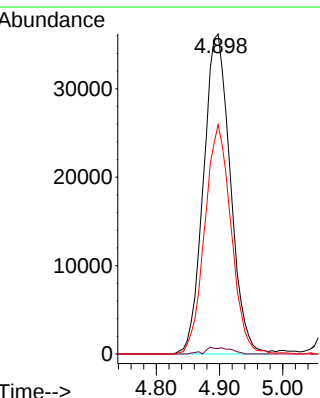
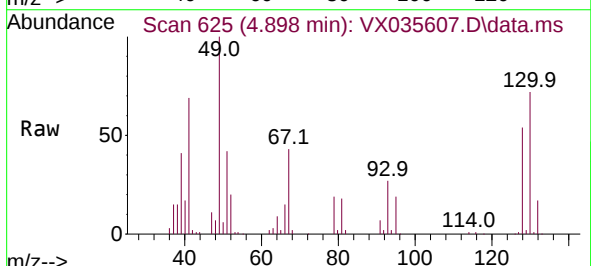
Tgt Ion: 49 Resp: 106482

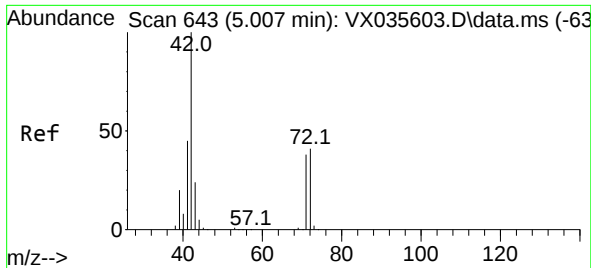
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

130 70.3 58.2 87.2





#29

Tetrahydrofuran

Concen: 246.864 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123

Tgt Ion: 42 Resp: 335789

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

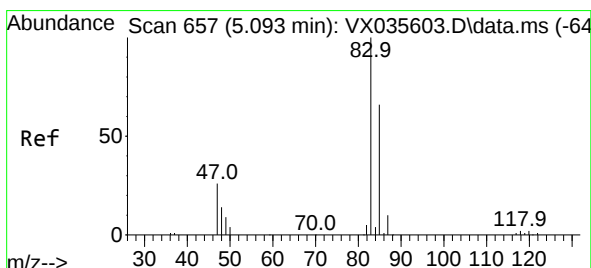
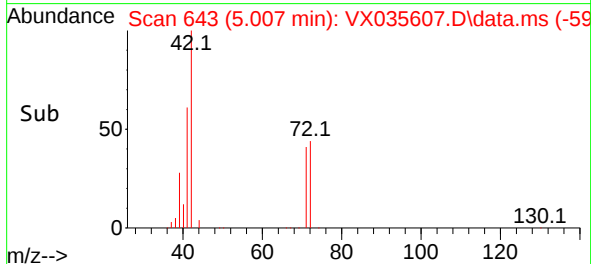
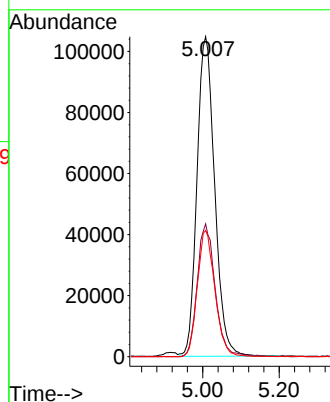
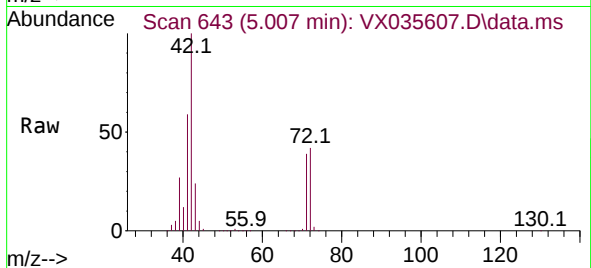
71 39.3 32.1 48.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#30

Chloroform

Concen: 46.900 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035607.D

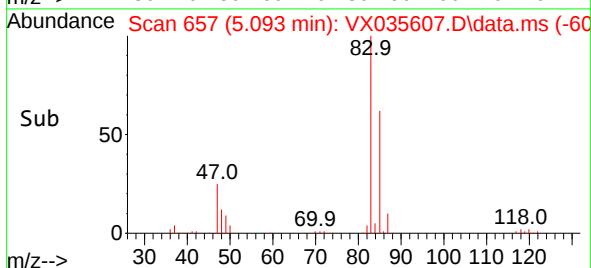
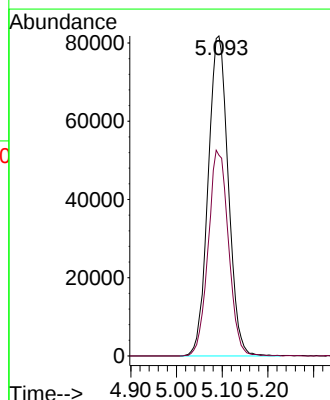
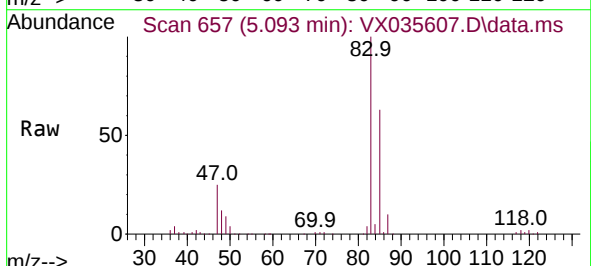
Acq: 11 May 2023 14:58

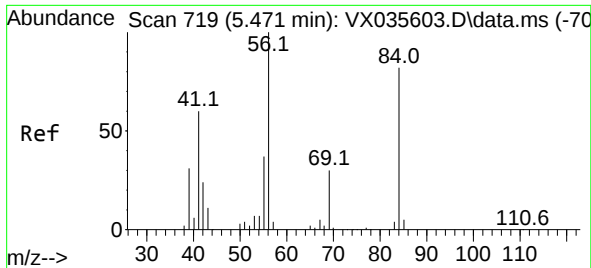
Tgt Ion: 83 Resp: 250331

Ion Ratio Lower Upper

83 100

85 62.7 50.6 76.0





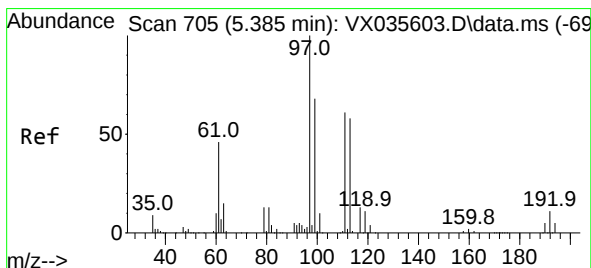
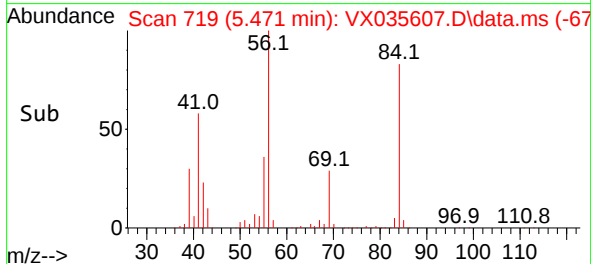
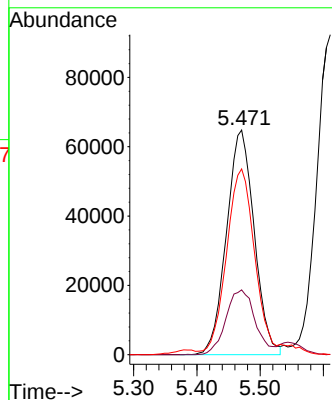
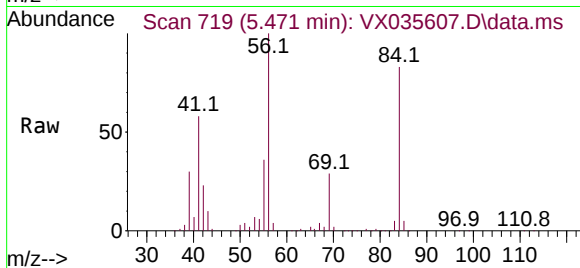
#31
Cyclohexane
Concen: 42.961 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion: 56 Resp: 197425
Ion Ratio Lower Upper
56 100
69 28.9 23.7 35.5
84 81.0 68.5 102.7

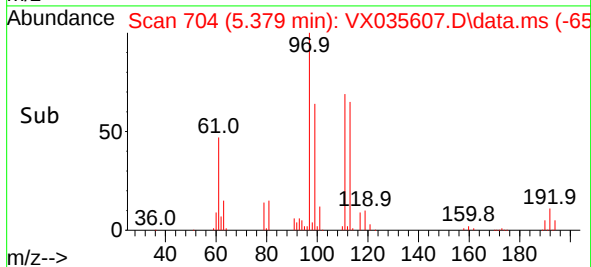
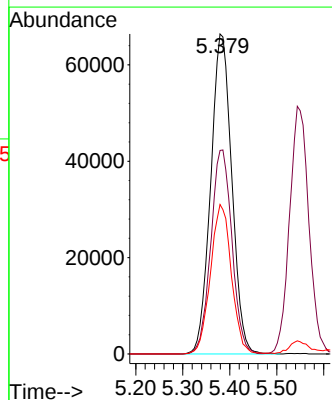
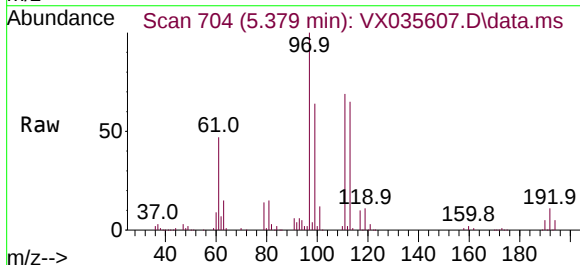
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#32
1,1,1-Trichloroethane
Concen: 44.507 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 97 Resp: 206693
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 46.5 36.5 54.7





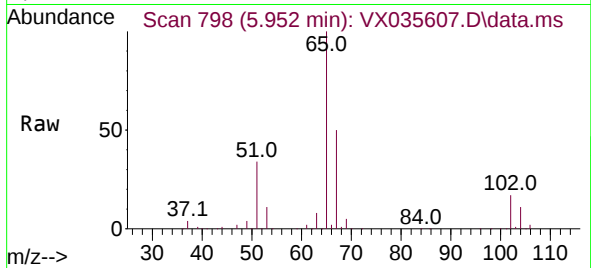
#33
1,2-Dichloroethane-d4
Concen: 52.619 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123

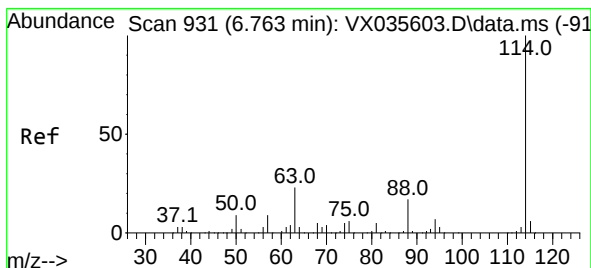
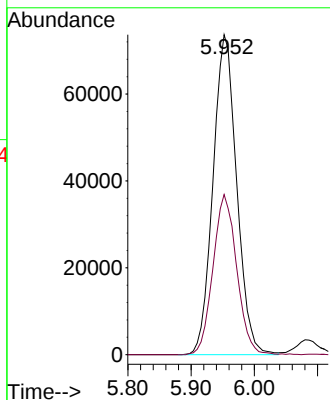
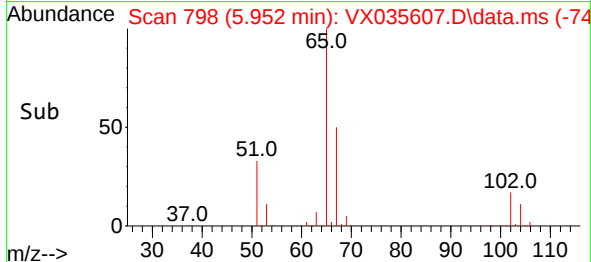


Tgt Ion: 65 Resp: 191394
Ion Ratio Lower Upper
65 100
67 50.0 0.0 104.0

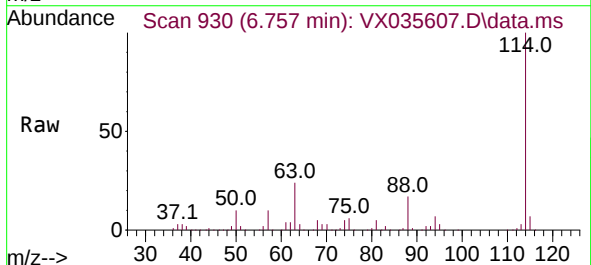
Manual Integrations

APPROVED

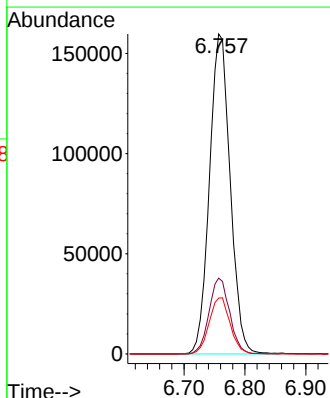
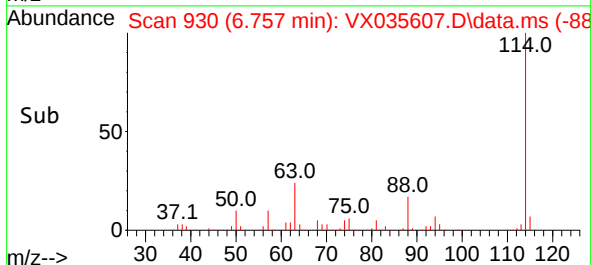
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



Tgt Ion:114 Resp: 377381
Ion Ratio Lower Upper
114 100
63 23.7 0.0 42.2
88 17.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.177 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035607.D

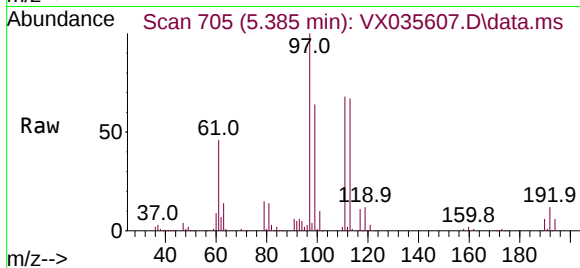
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123



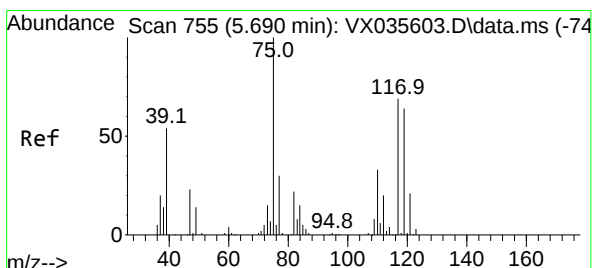
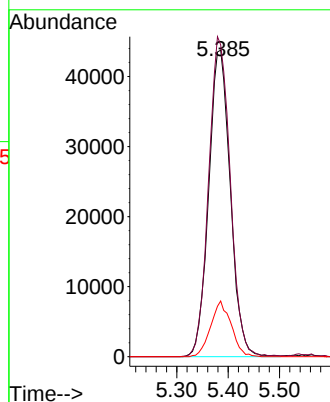
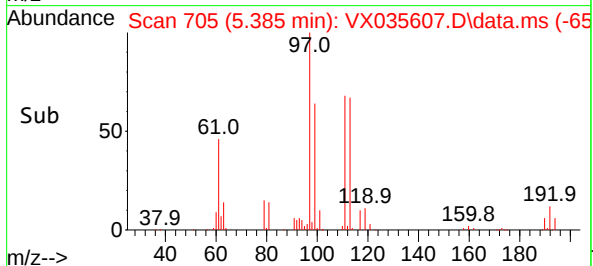
Tgt Ion:	113	Resp:	12770
Ion	Ratio	Lower	Upper
113	100		
111	104.5	83.7	125.5
192	17.3	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#36

1,1-Dichloropropene

Concen: 43.024 ug/l

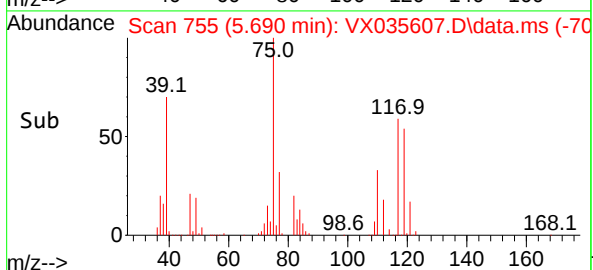
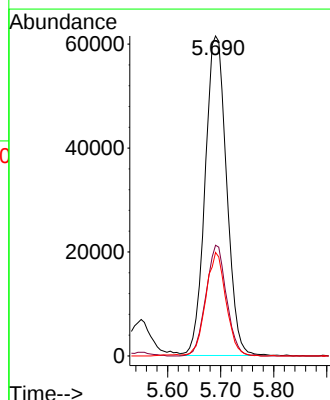
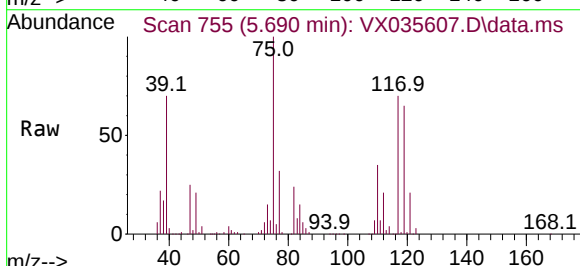
RT: 5.690 min Scan# 755

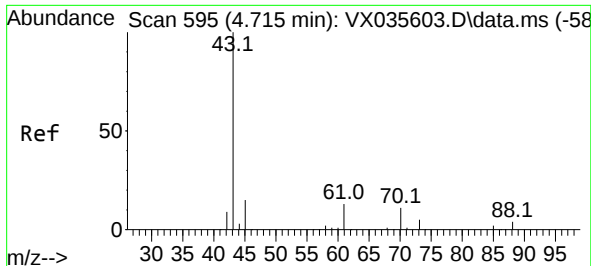
Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Tgt Ion:	75	Resp:	172838
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.5	52.5
77	30.7	24.3	36.5





#37
Ethyl Acetate
Concen: 49.165 ug/l
RT: 4.709 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

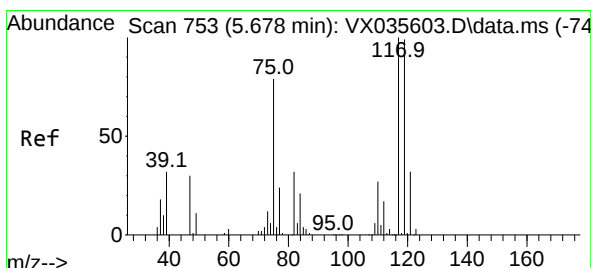
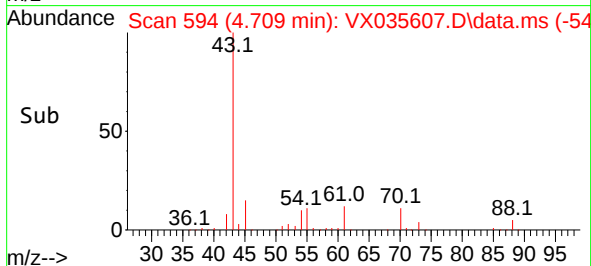
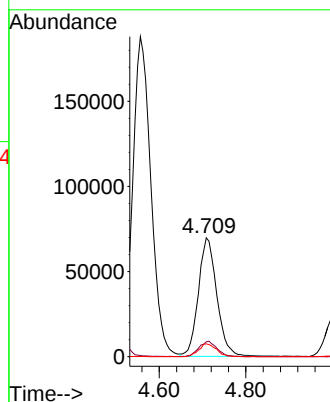
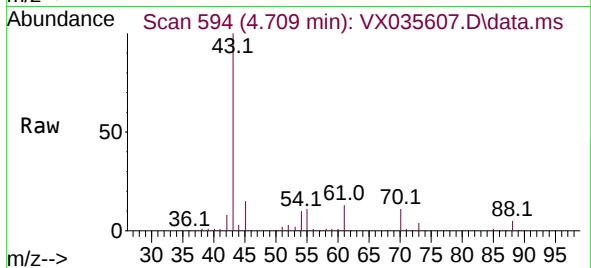
ClientSampleId :

ICVVX051123

Tgt Ion: 43 Resp: 206000
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.4
70 10.4 8.2 12.4

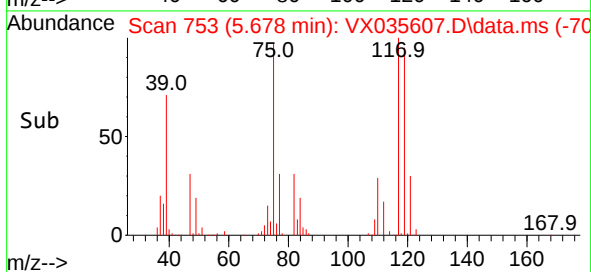
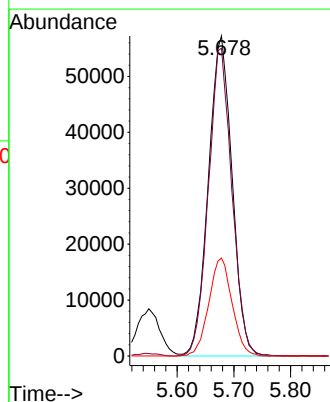
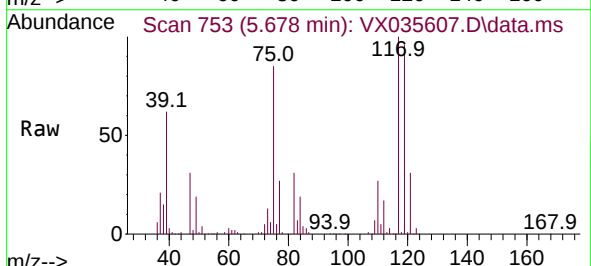
Manual Integrations
APPROVED

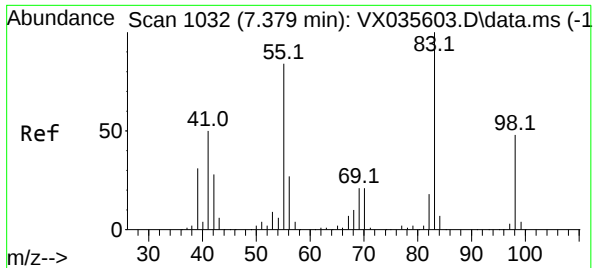
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#38
Carbon Tetrachloride
Concen: 43.662 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:117 Resp: 166154
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8
121 30.6 23.8 35.6





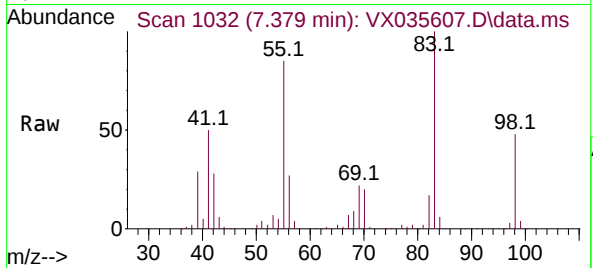
#39
Methylcyclohexane
Concen: 42.953 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123



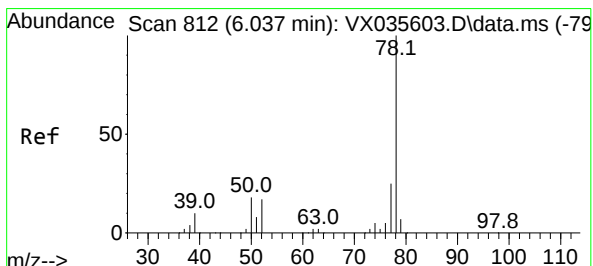
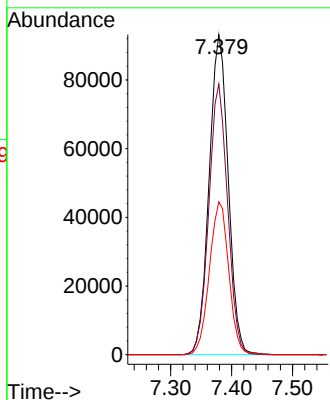
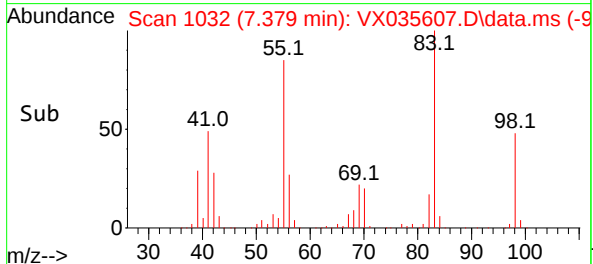
Tgt Ion: 83 Resp: 203110
Ion Ratio Lower Upper
83 100
55 84.6 60.5 90.7
98 47.8 40.4 60.6

Manual Integrations

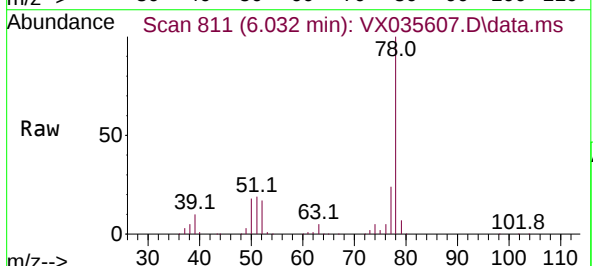
APPROVED

Reviewed By :John Carlone 05/11/2023

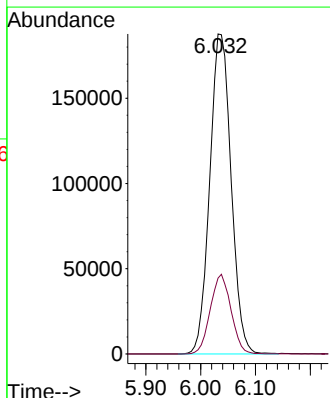
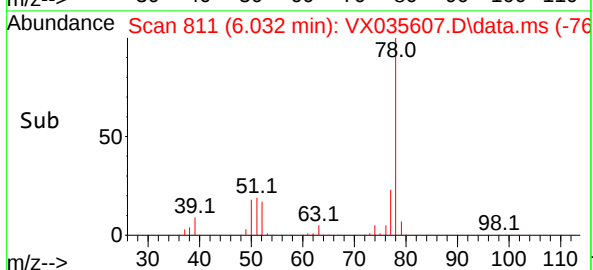
Supervised By :Mahesh Dadoda 05/12/2023



#40
Benzene
Concen: 45.218 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.005 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



Tgt Ion: 78 Resp: 508172
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





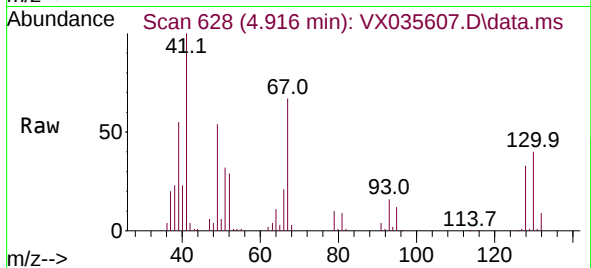
#41
Methacrylonitrile
Concen: 47.925 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123



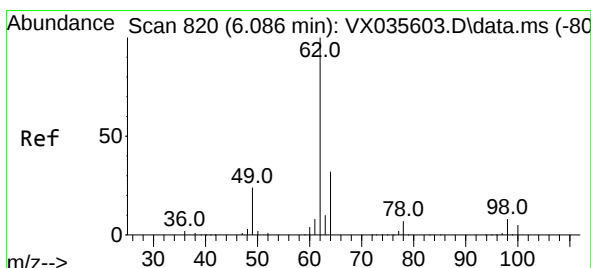
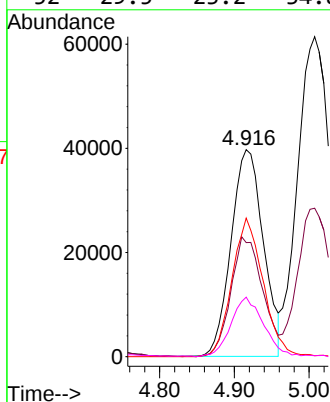
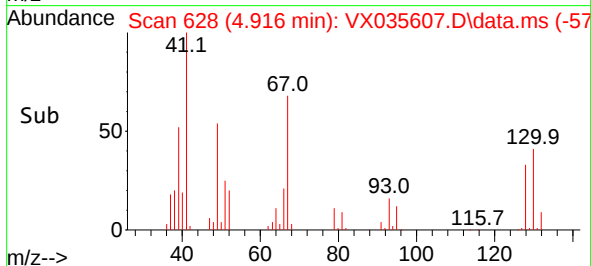
Tgt Ion: 41 Resp: 119229
Ion Ratio Lower Upper
41 100
39 56.8 45.0 67.6
67 65.1 55.6 83.4
52 29.5 23.2 34.8

Manual Integrations

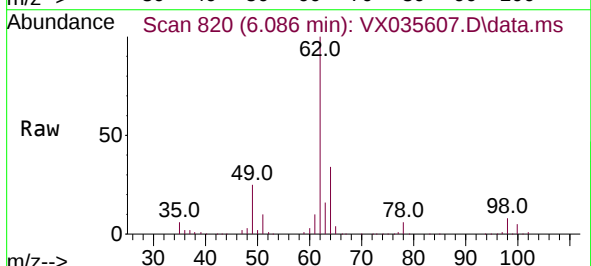
APPROVED

Reviewed By :John Carlone 05/11/2023

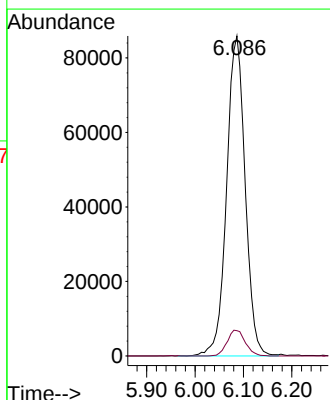
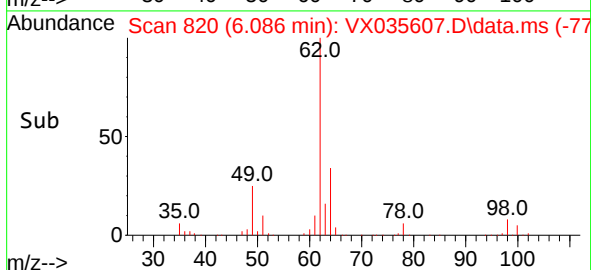
Supervised By :Mahesh Dadoda 05/12/2023

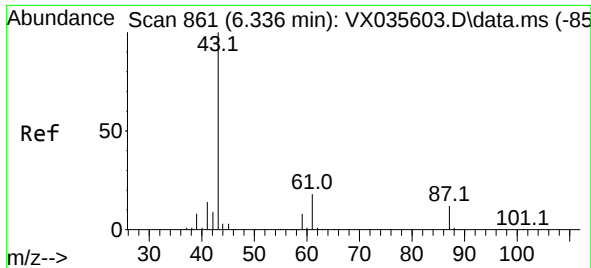


#42
1,2-Dichloroethane
Concen: 47.296 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



Tgt Ion: 62 Resp: 228646
Ion Ratio Lower Upper
62 100
98 7.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 48.612 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

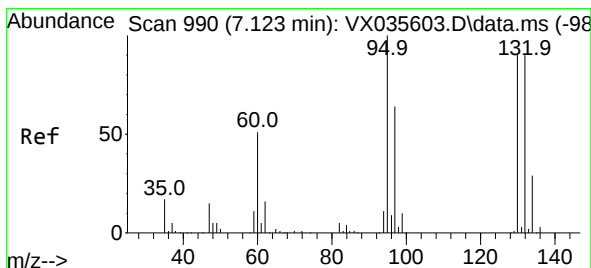
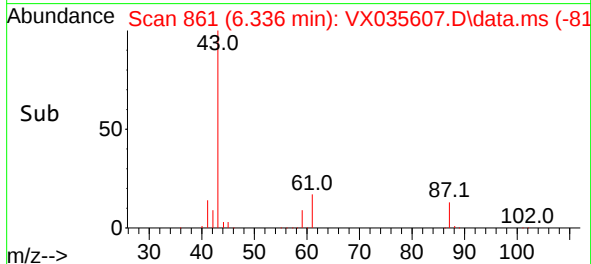
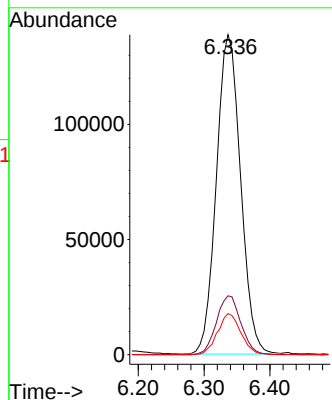
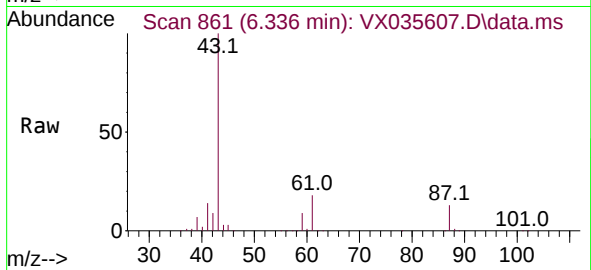
ICVX051123

Tgt Ion: 43 Resp: 355190
Ion Ratio Lower Upper
43 100
61 18.6 15.2 22.8
87 12.4 9.8 14.8

Manual Integrations

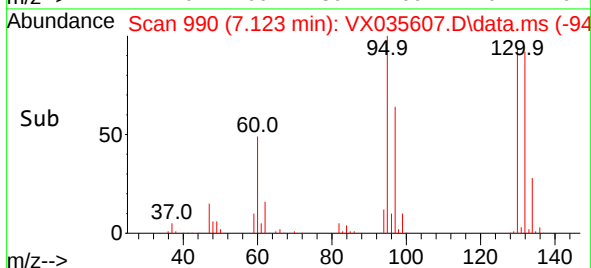
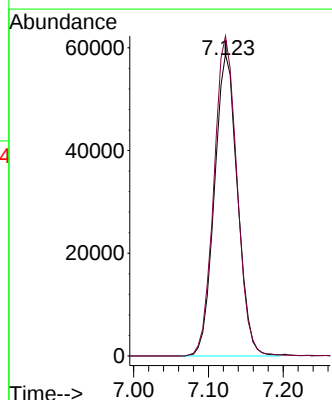
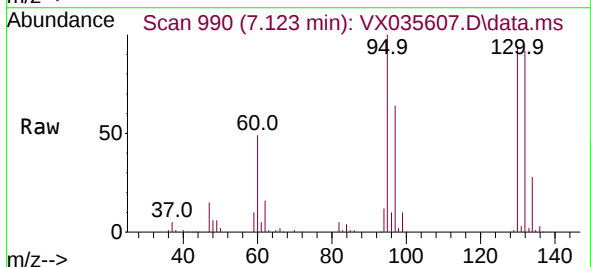
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#44
Trichloroethene
Concen: 44.244 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:130 Resp: 126077
Ion Ratio Lower Upper
130 100
95 106.0 0.0 198.4





#45

1,2-Dichloropropane

Concen: 46.997 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVX051123

Tgt Ion: 63 Resp: 13988

Ion Ratio Lower Upper

63 100

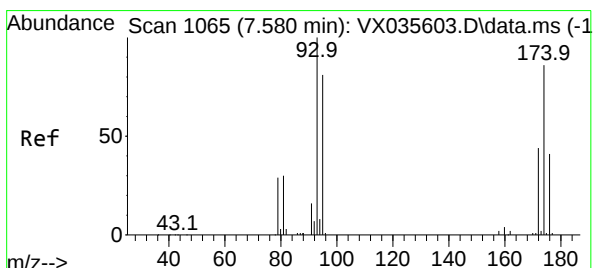
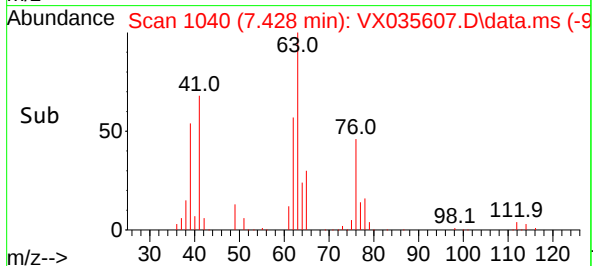
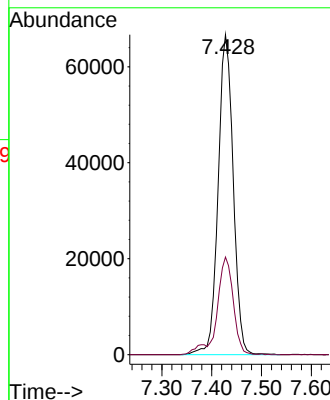
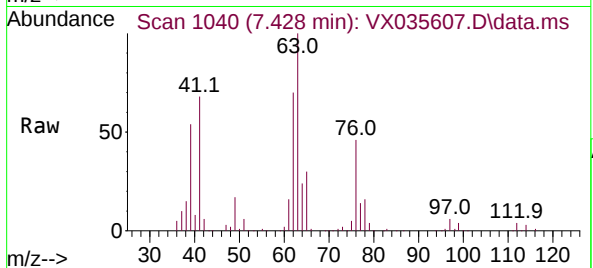
65 30.5 24.6 37.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#46

Dibromomethane

Concen: 48.315 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

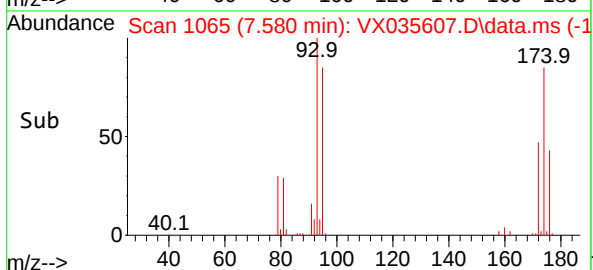
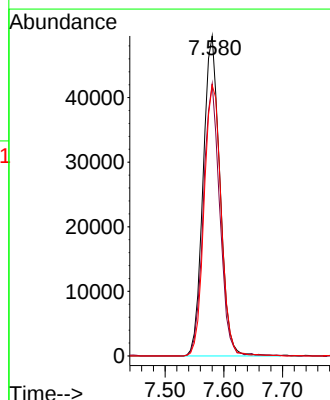
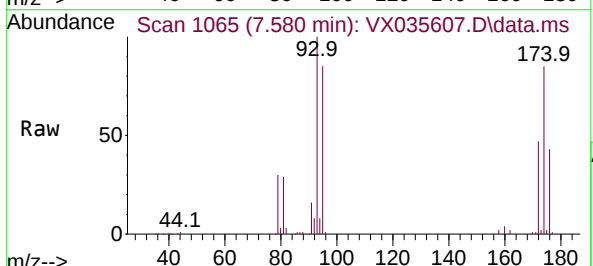
Tgt Ion: 93 Resp: 98437

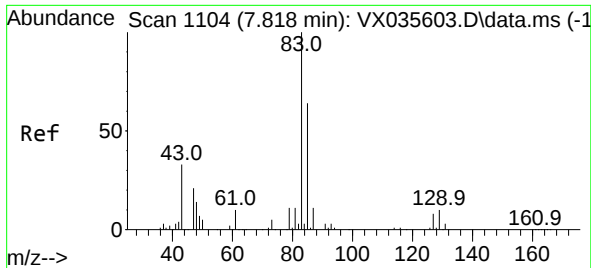
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 85.3 75.4 113.0





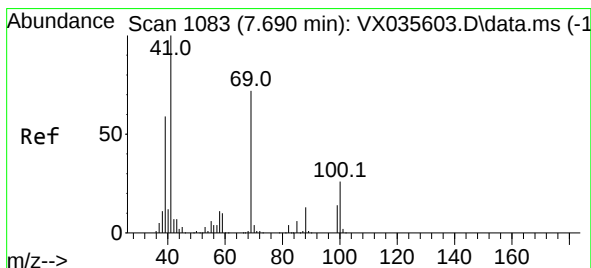
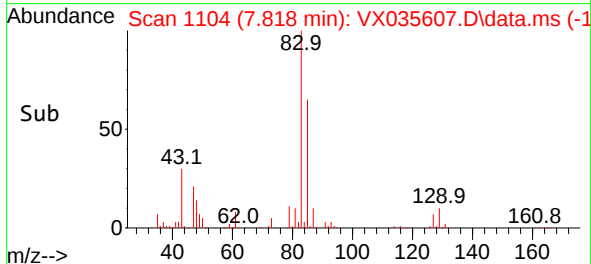
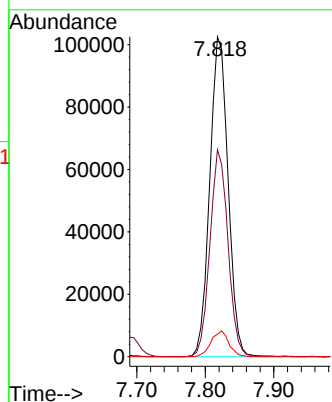
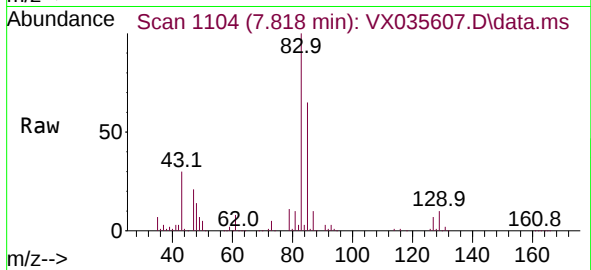
#47
Bromodichloromethane
Concen: 48.299 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion: 83 Resp: 190200
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4
127 7.0 6.6 9.8

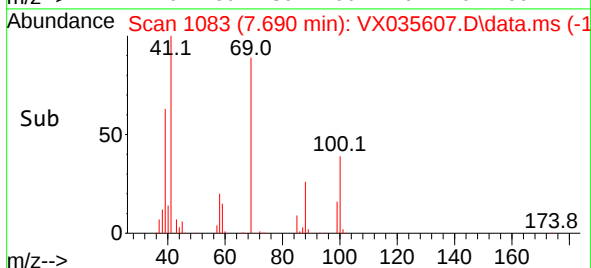
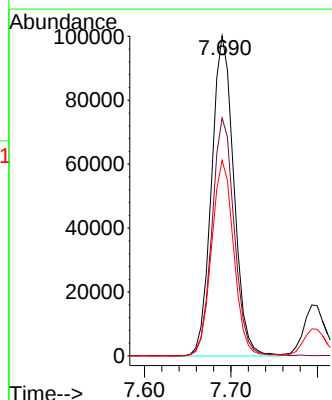
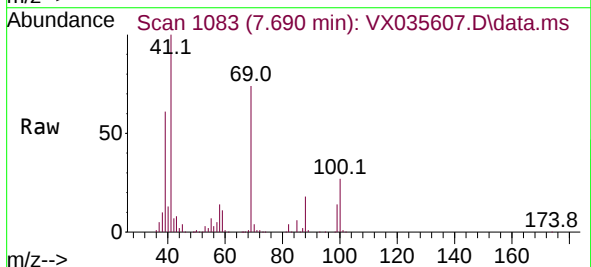
Manual Integrations
APPROVED

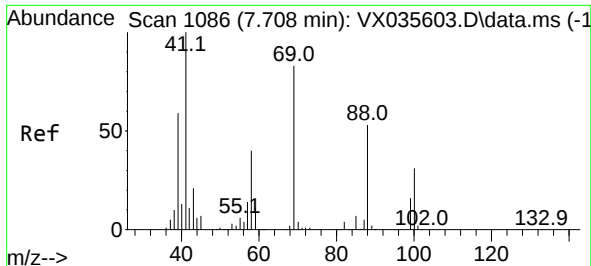
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#48
Methyl methacrylate
Concen: 49.617 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 41 Resp: 178915
Ion Ratio Lower Upper
41 100
69 74.2 62.2 93.4
39 60.8 47.7 71.5





#49

1,4-Dioxane

Concen: 939.976 ug/l

RT: 7.702 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVX051123

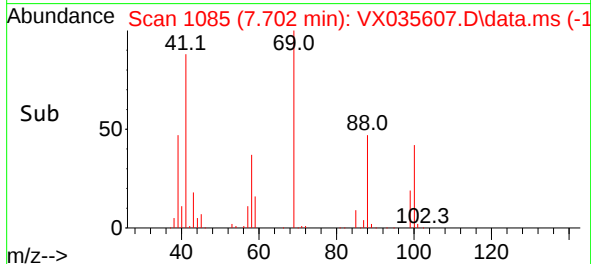
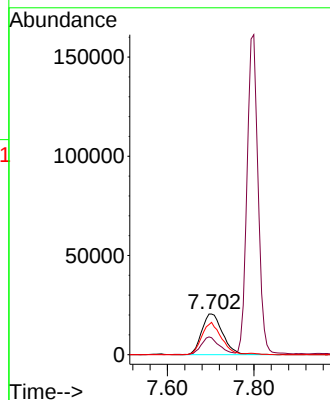
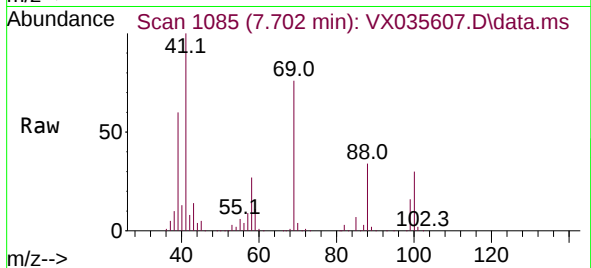
Tgt Ion: 88 Resp: 68990
 Ion Ratio Lower Upper
 88 100
 43 36.8 27.7 41.5
 58 73.2 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#50

Toluene-d8

Concen: 49.062 ug/l

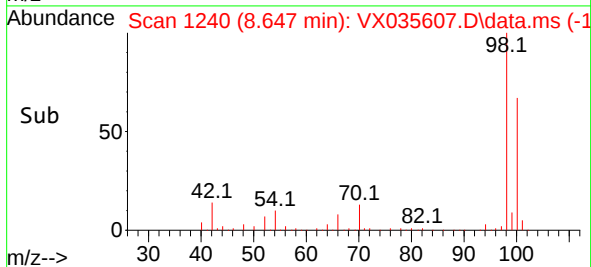
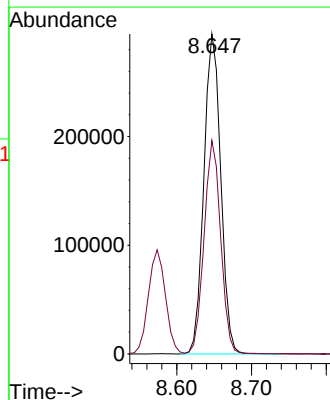
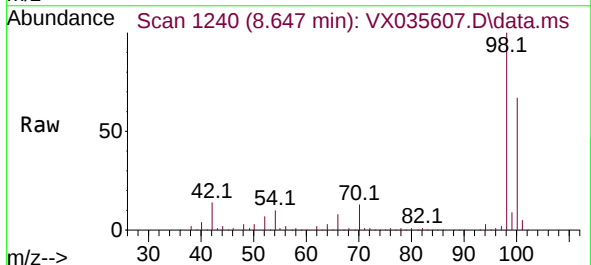
RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Tgt Ion: 98 Resp: 461280
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 247.198 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

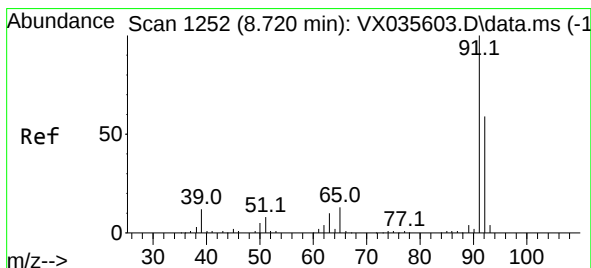
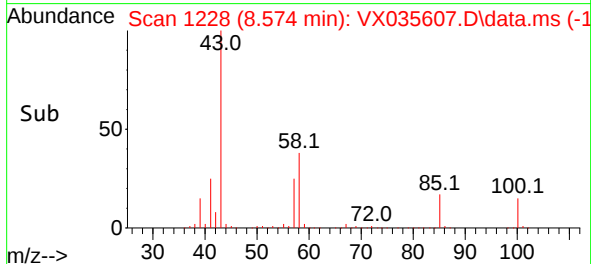
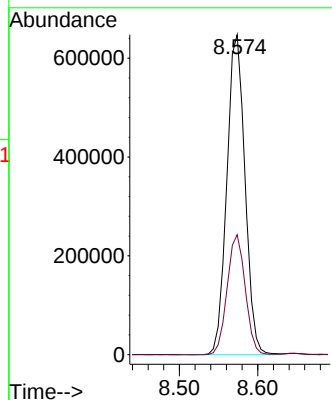
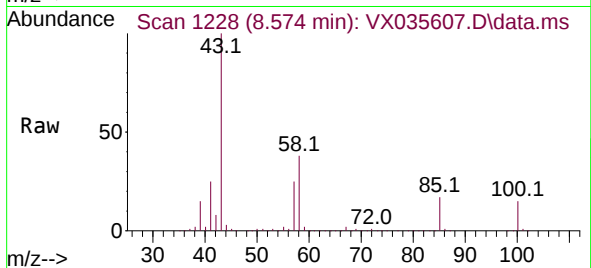
ICVVX051123

Tgt Ion: 43 Resp: 1040554
Ion Ratio Lower Upper
43 100
58 37.5 30.6 46.0

Manual Integrations

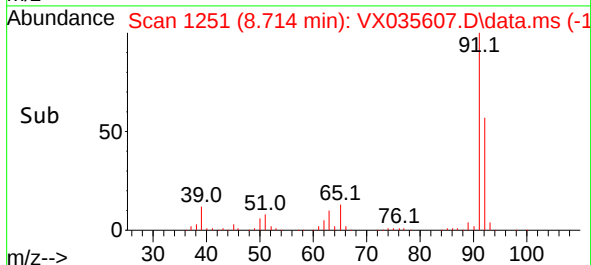
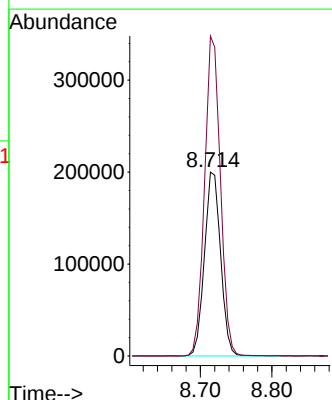
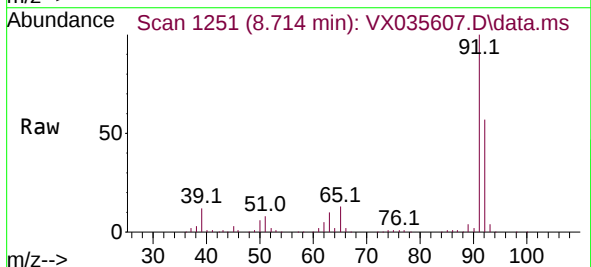
APPROVED

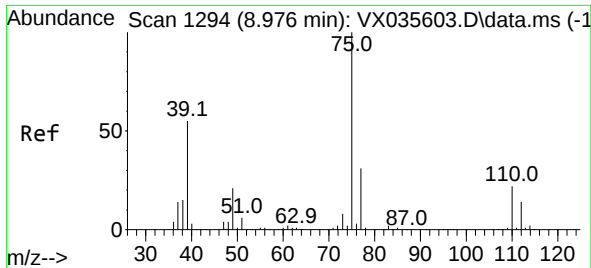
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#52
Toluene
Concen: 44.276 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 92 Resp: 314095
Ion Ratio Lower Upper
92 100
91 170.5 136.8 205.2





#53
t-1,3-Dichloropropene
Concen: 50.591 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

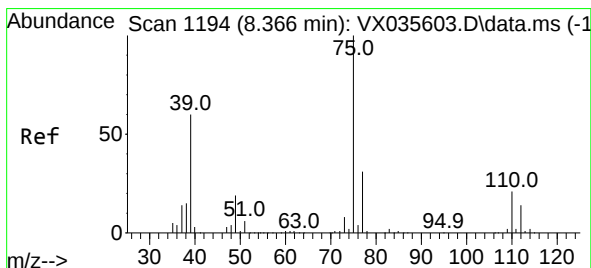
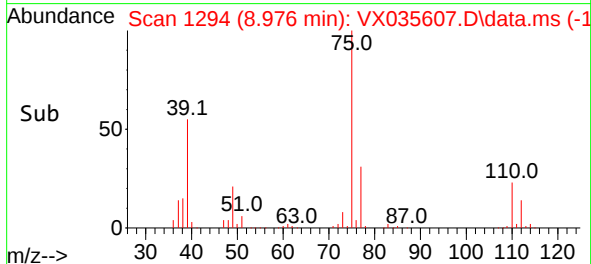
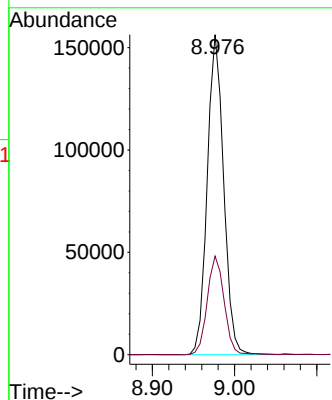
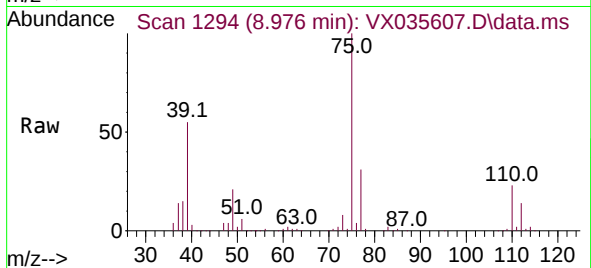
ICVVX051123

Tgt Ion: 75 Resp: 21644
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2

Manual Integrations

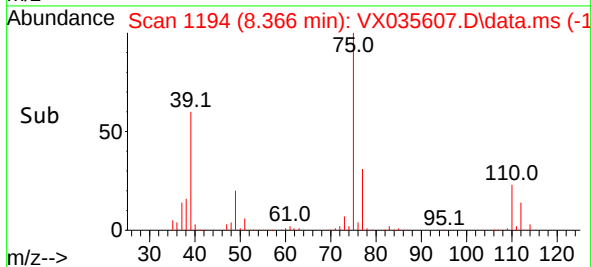
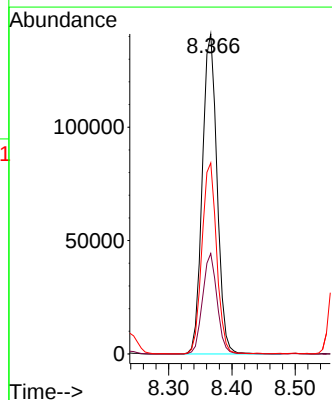
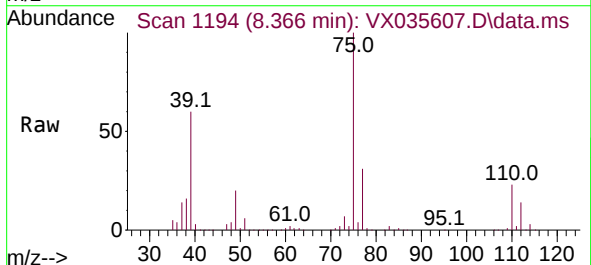
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#54
cis-1,3-Dichloropropene
Concen: 50.033 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 75 Resp: 229349
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 59.6 44.6 66.8





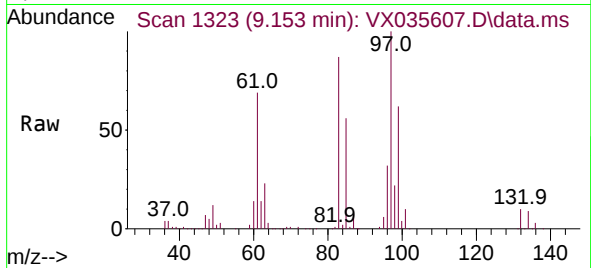
#55
1,1,2-Trichloroethane
Concen: 48.346 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123



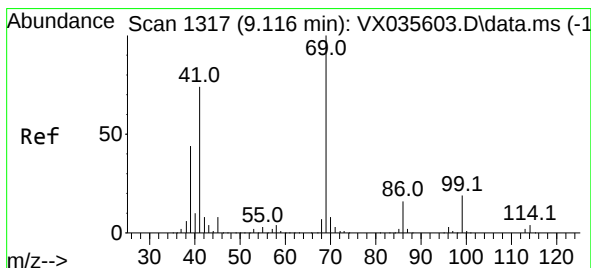
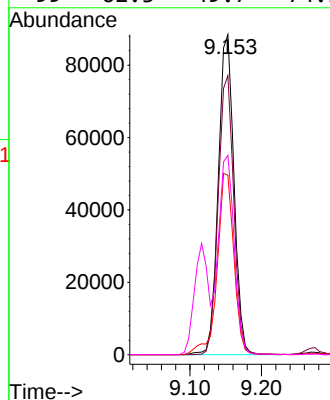
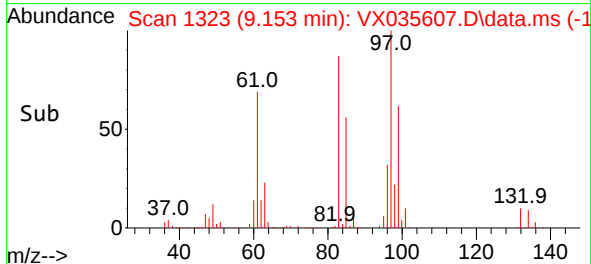
Tgt Ion: 97 Resp: 134708
Ion Ratio Lower Upper
97 100
83 87.2 69.7 104.5
85 56.1 43.7 65.5
99 62.3 49.7 74.5

Manual Integrations

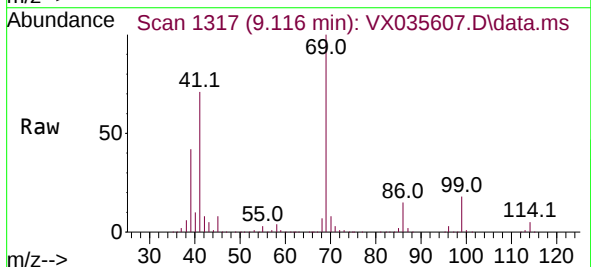
APPROVED

Reviewed By :John Carlone 05/11/2023

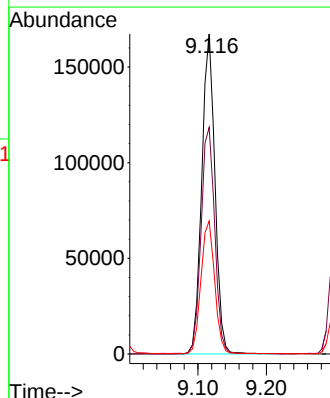
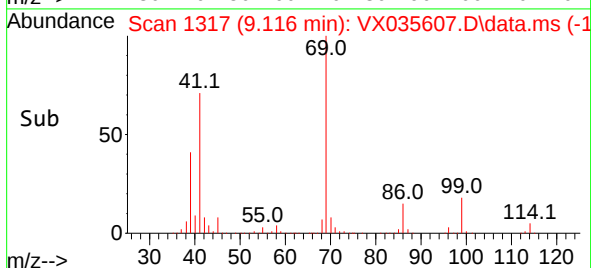
Supervised By :Mahesh Dadoda 05/12/2023

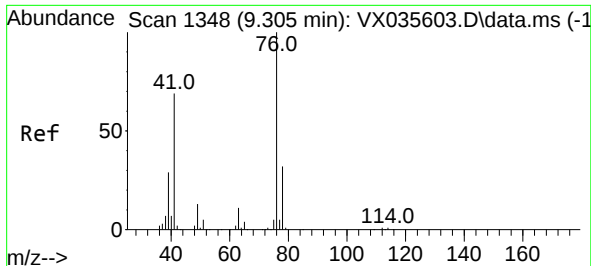


#56
Ethyl methacrylate
Concen: 49.790 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



Tgt Ion: 69 Resp: 224664
Ion Ratio Lower Upper
69 100
41 73.6 57.4 86.0
39 43.3 33.7 50.5





#57

1,3-Dichloropropane

Concen: 47.269 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVX051123

Tgt Ion: 76 Resp: 238758

Ion Ratio Lower Upper

76 100

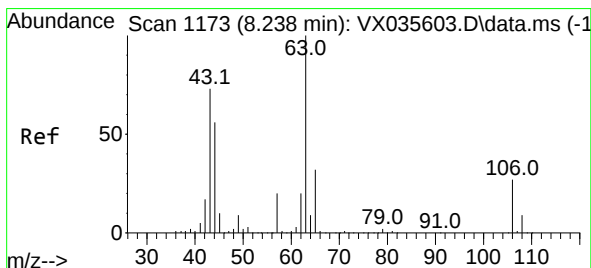
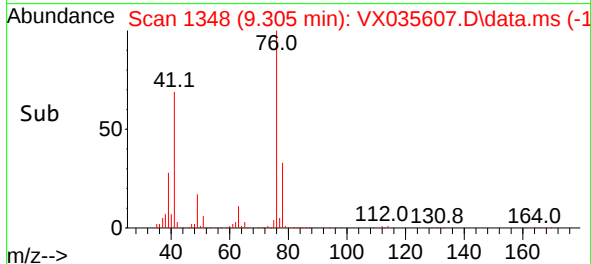
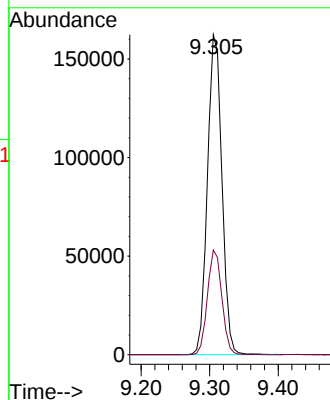
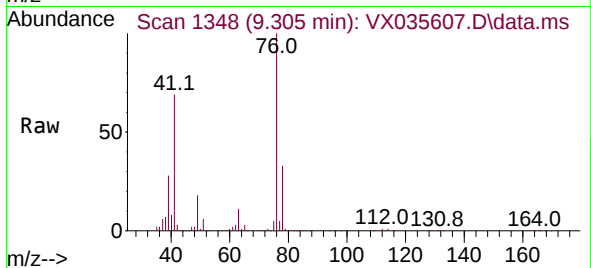
78 32.5 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 237.380 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035607.D

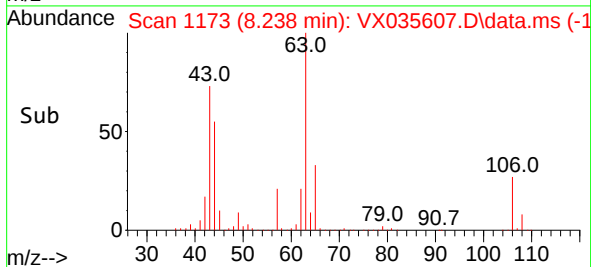
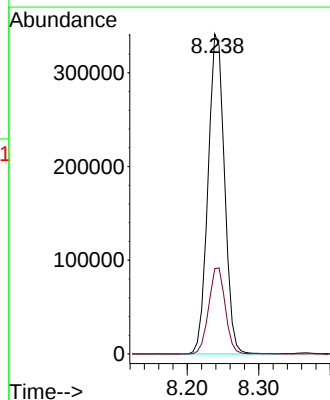
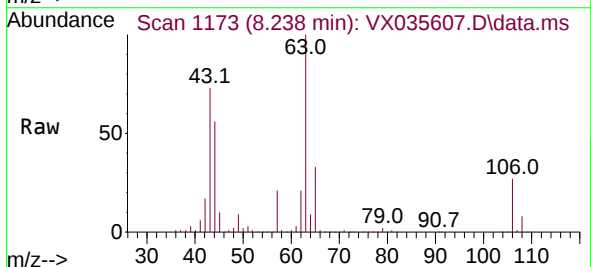
Acq: 11 May 2023 14:58

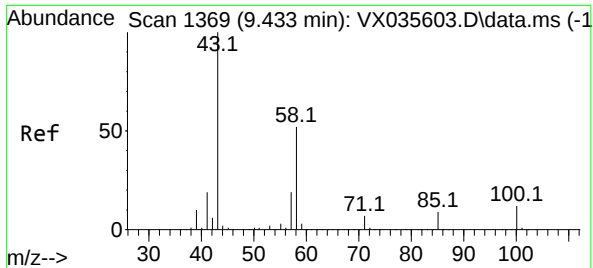
Tgt Ion: 63 Resp: 544889

Ion Ratio Lower Upper

63 100

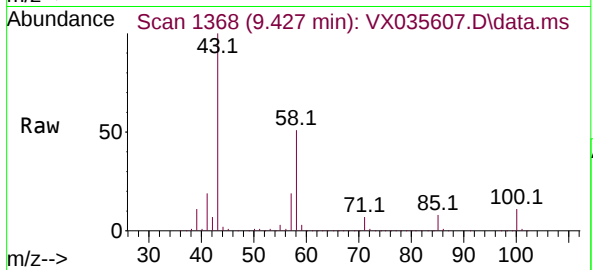
106 27.1 22.2 33.2





#59
2-Hexanone
Concen: 251.530 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

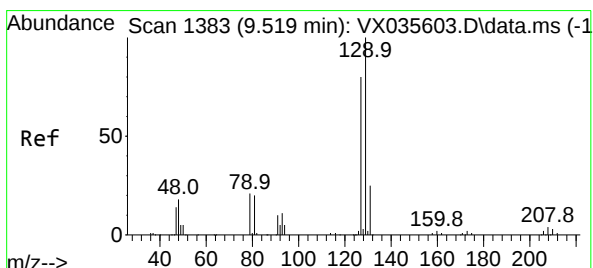
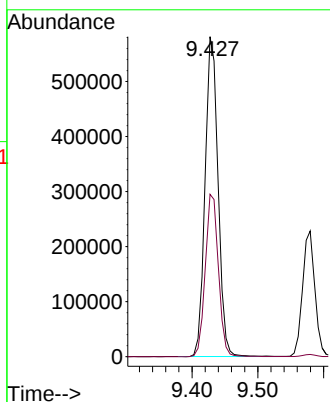
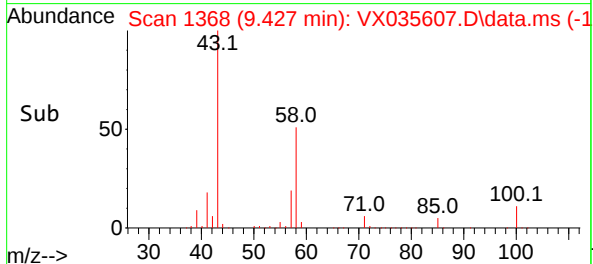
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



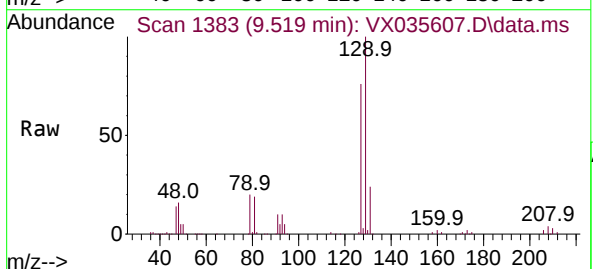
Tgt Ion: 43 Resp: 797372
Ion Ratio Lower Upper
43 100
58 51.5 26.3 78.9

Manual Integrations
APPROVED

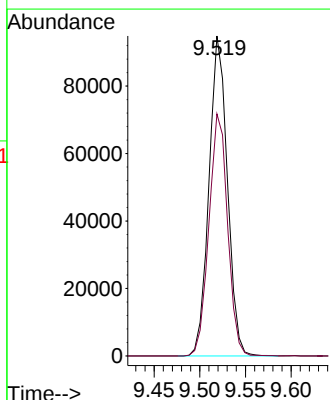
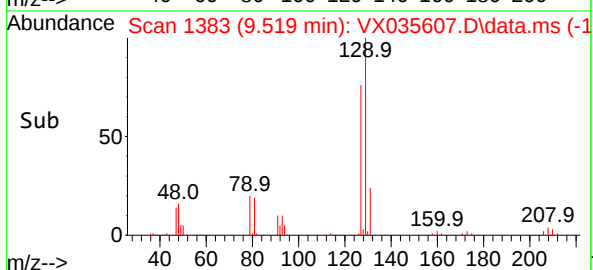
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#60
Dibromochloromethane
Concen: 49.831 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



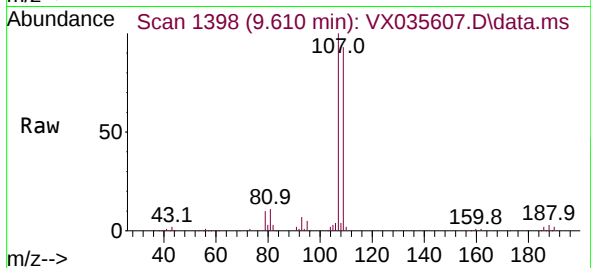
Tgt Ion:129 Resp: 132349
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61
1,2-Dibromoethane
Concen: 48.641 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

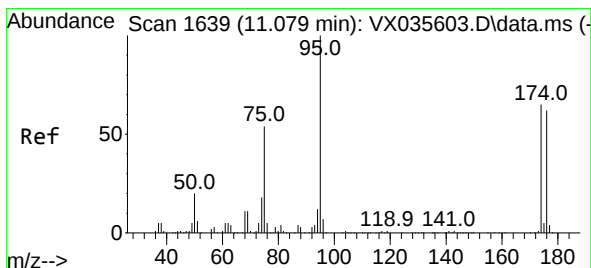
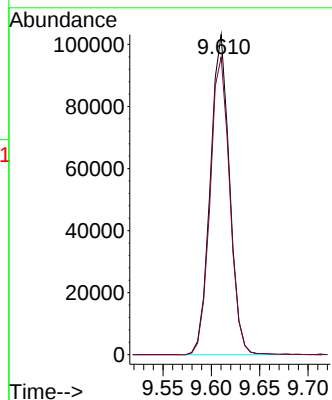
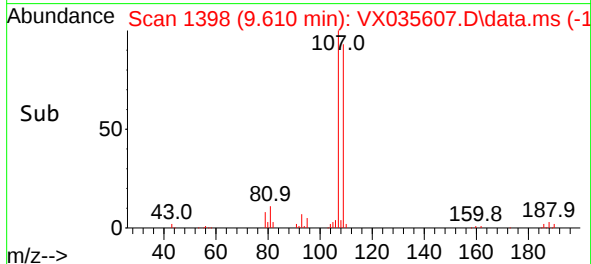
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



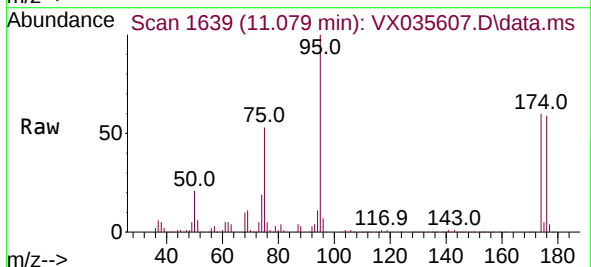
Tgt Ion:107 Resp: 14279
Ion Ratio Lower Upper
107 100
109 94.8 75.3 112.9

Manual Integrations
APPROVED

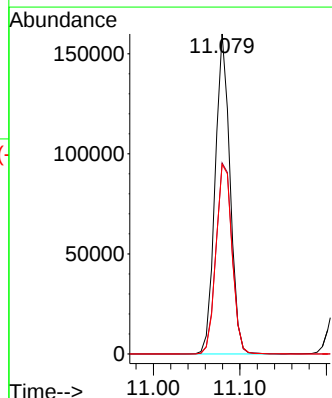
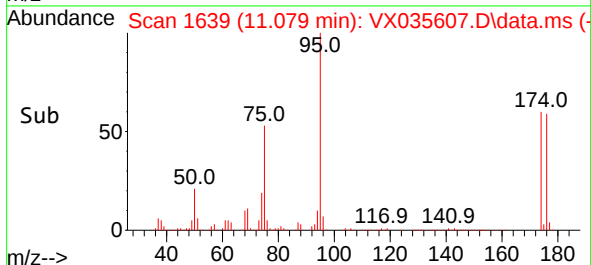
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

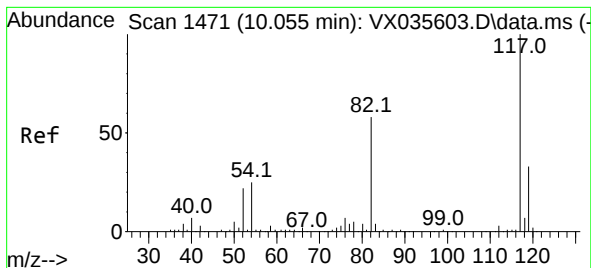


#62
4-Bromofluorobenzene
Concen: 50.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



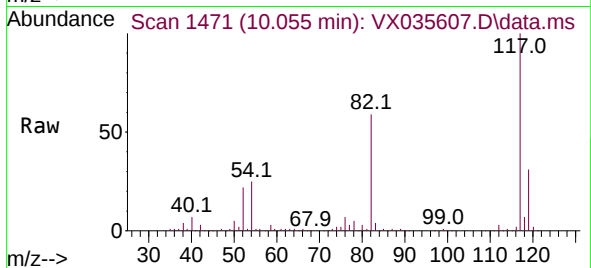
Tgt Ion: 95 Resp: 190597
Ion Ratio Lower Upper
95 100
174 64.5 0.0 147.4
176 63.8 0.0 140.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

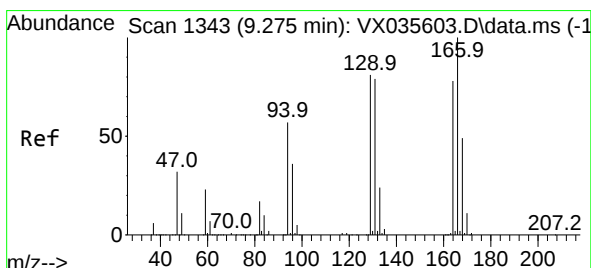
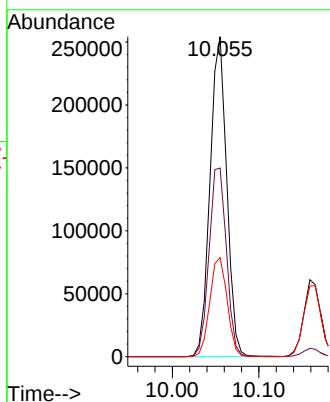
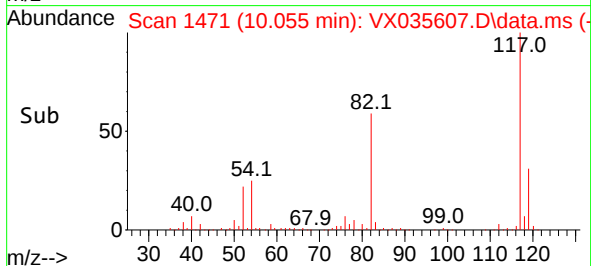
Instrument :
MSVOA_X
Client Sample Id :
ICVVX051123



Tgt Ion:117 Resp: 34039
Ion Ratio Lower Upper
117 100
82 58.9 45.0 67.4
119 31.0 26.0 39.0

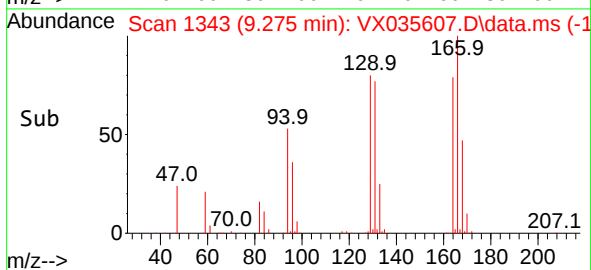
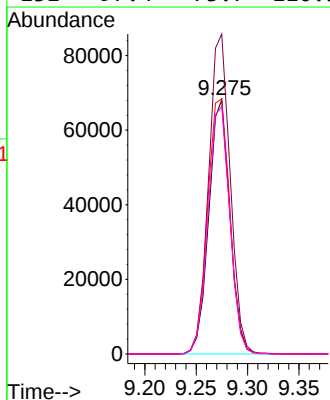
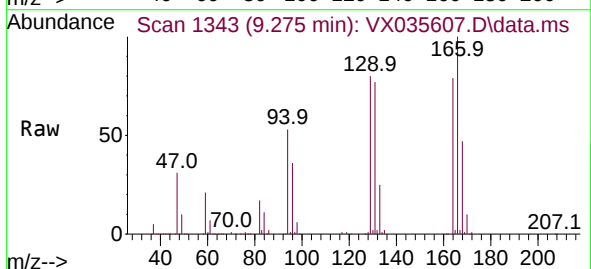
Manual Integrations
APPROVED

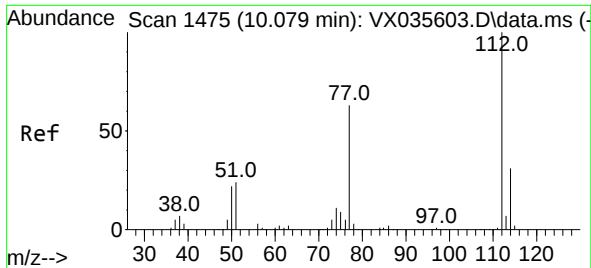
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#64
Tetrachloroethene
Concen: 42.356 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:164 Resp: 97066
Ion Ratio Lower Upper
164 100
166 126.0 102.7 154.1
129 100.4 75.6 113.4
131 97.4 73.7 110.5





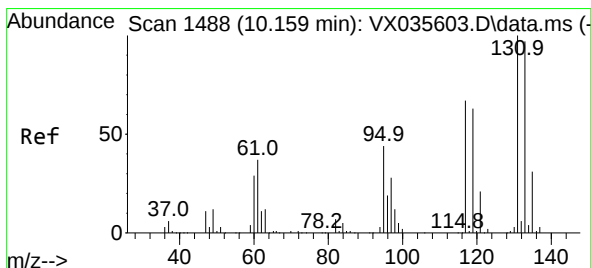
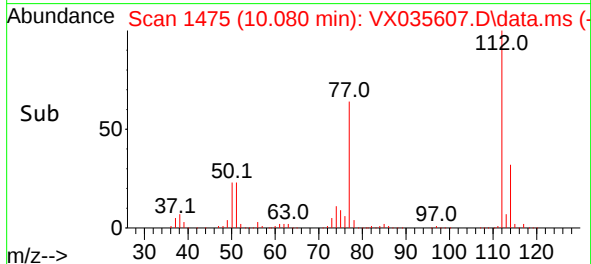
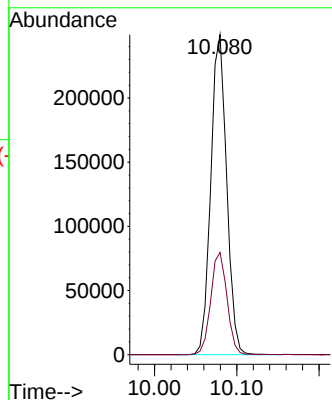
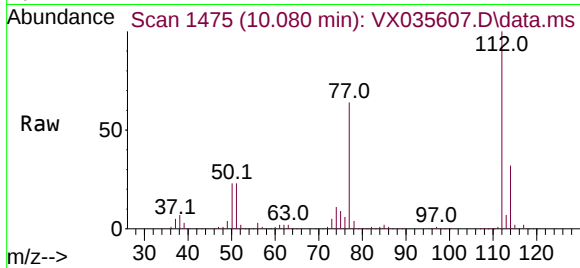
#65
Chlorobenzene
Concen: 45.063 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion:112 Resp: 33483
Ion Ratio Lower Upper
112 100
114 31.9 26.2 39.2

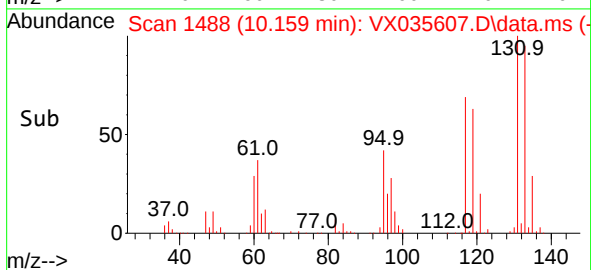
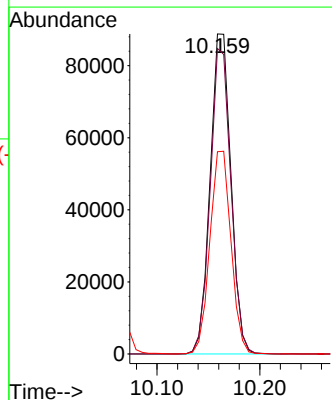
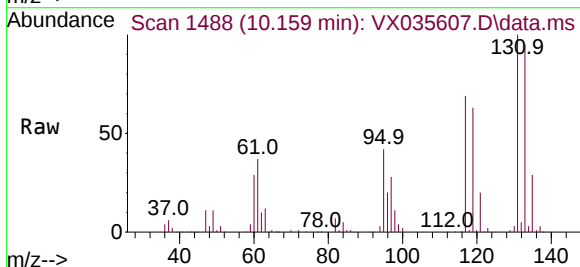
Manual Integrations
APPROVED

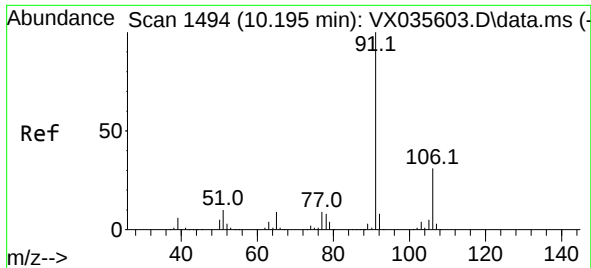
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.523 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

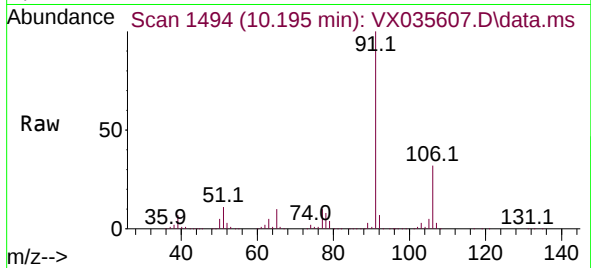
Tgt Ion:131 Resp: 124859
Ion Ratio Lower Upper
131 100
133 94.9 47.1 141.4
119 64.3 32.6 98.0





#67
Ethyl Benzene
Concen: 43.886 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

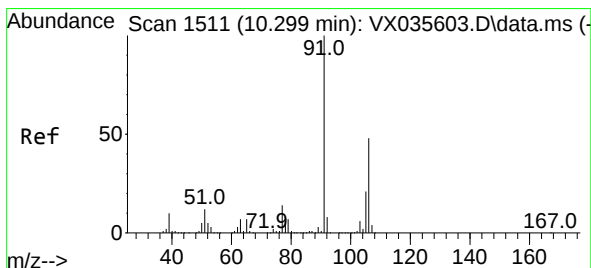
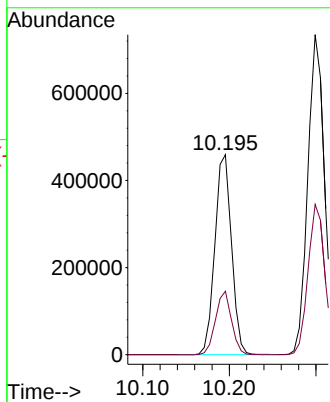
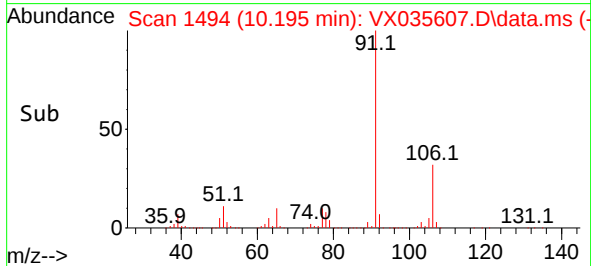
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion: 91 Resp: 613285
Ion Ratio Lower Upper
91 100
106 31.8 25.6 38.4

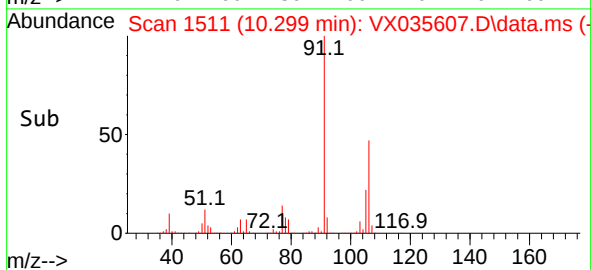
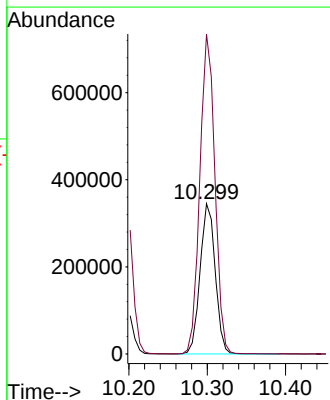
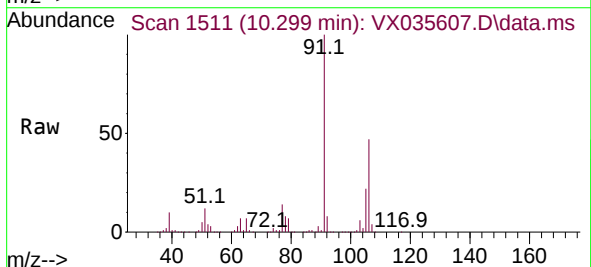
Manual Integrations
APPROVED

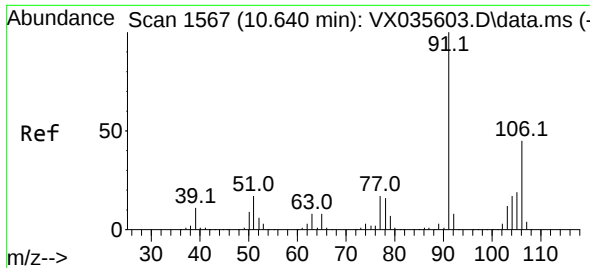
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#68
m/p-Xylenes
Concen: 89.383 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:106 Resp: 461704
Ion Ratio Lower Upper
106 100
91 212.0 164.0 246.0





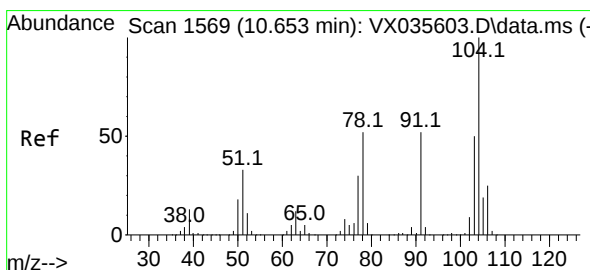
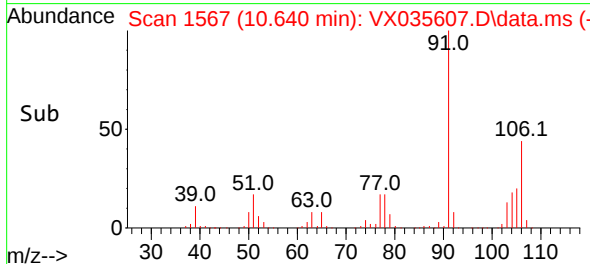
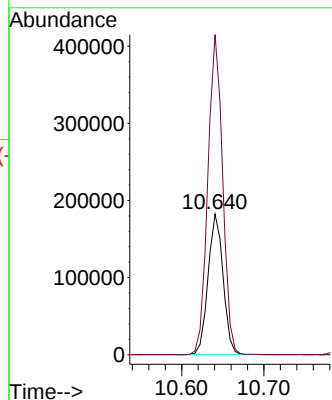
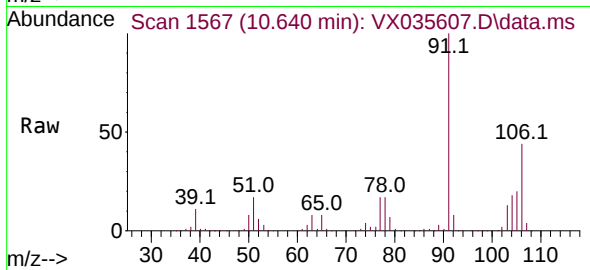
#69
o-Xylene
Concen: 45.062 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion:106 Resp: 230975
Ion Ratio Lower Upper
106 100
91 224.6 108.5 325.3

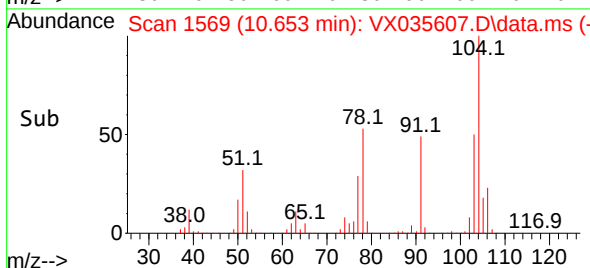
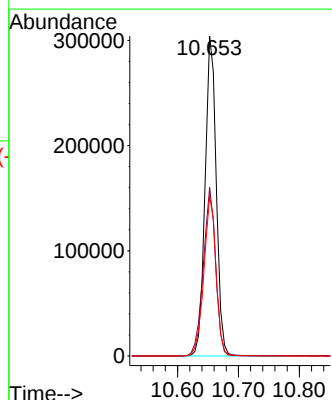
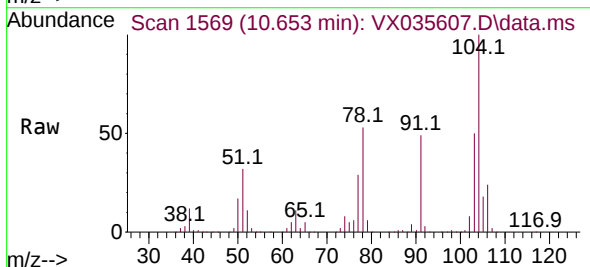
Manual Integrations
APPROVED

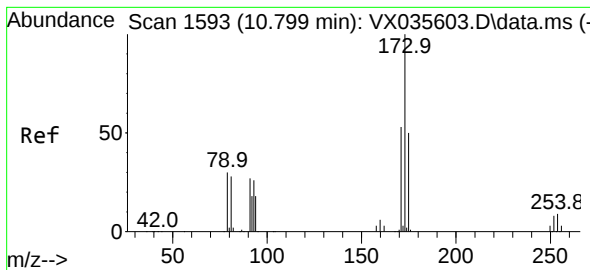
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#70
Styrene
Concen: 47.027 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

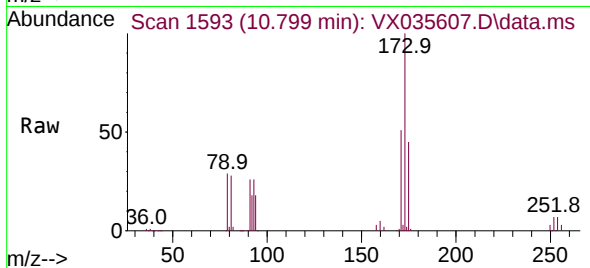
Tgt Ion:104 Resp: 388491
Ion Ratio Lower Upper
104 100
78 57.9 43.4 65.2
103 54.3 44.2 66.2





#71
Bromoform
Concen: 50.280 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

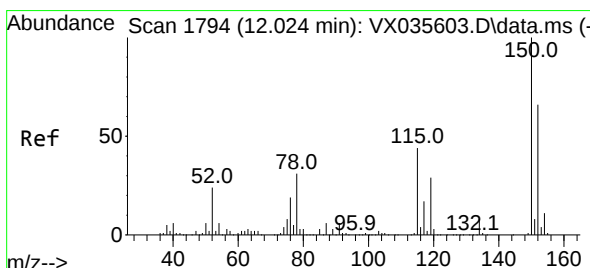
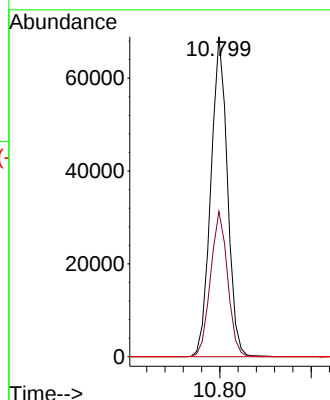
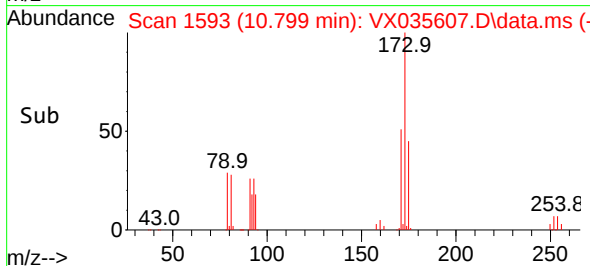
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



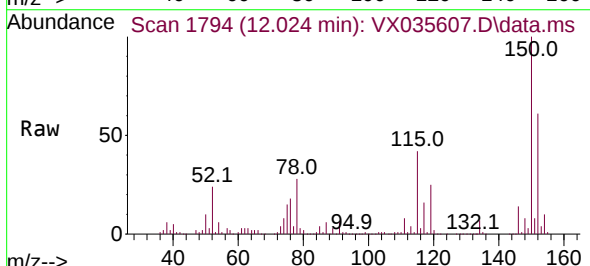
Tgt Ion:173 Resp: 8691
Ion Ratio Lower Upper
173 100
175 46.7 24.1 72.4
254 0.0 0.1 0.1

Manual Integrations
APPROVED

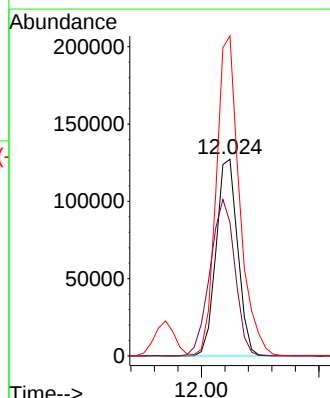
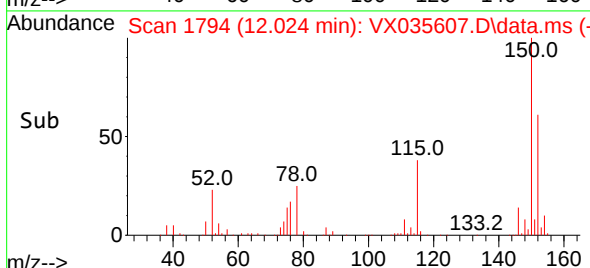
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

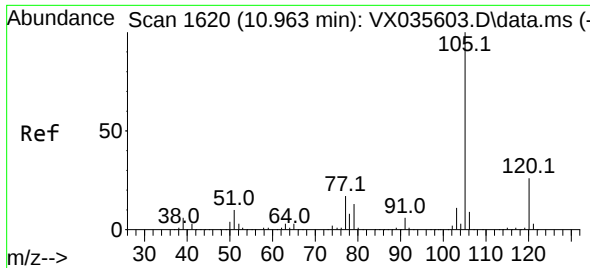


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



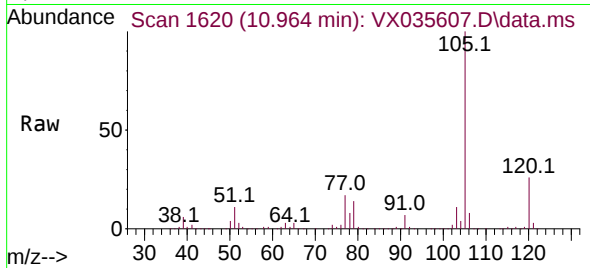
Tgt Ion:152 Resp: 162625
Ion Ratio Lower Upper
152 100
115 91.5 45.0 135.0
150 174.7 0.0 352.4





#73
Isopropylbenzene
Concen: 43.304 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

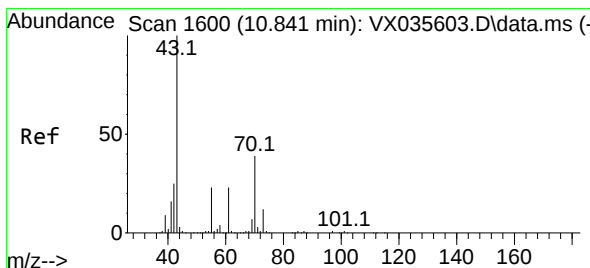
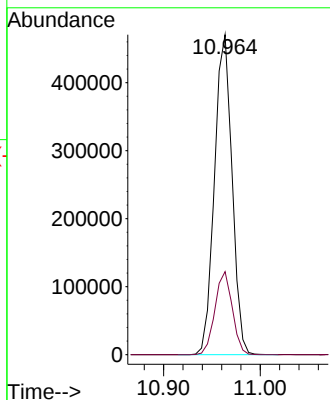
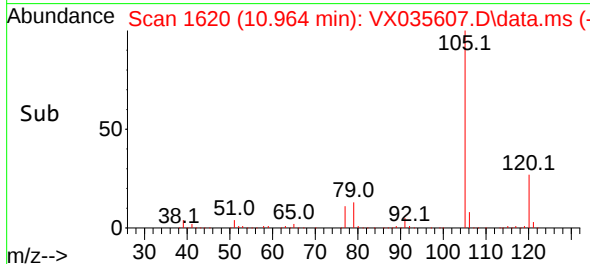
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



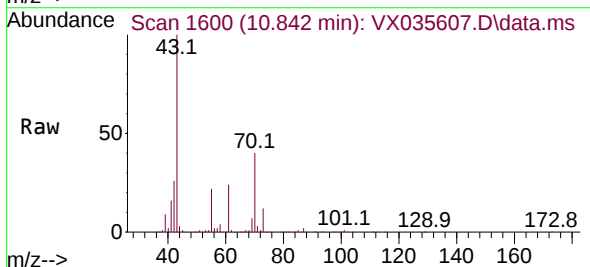
Tgt Ion:105 Resp: 59342
Ion Ratio Lower Upper
105 100
120 25.6 13.3 39.9

Manual Integrations
APPROVED

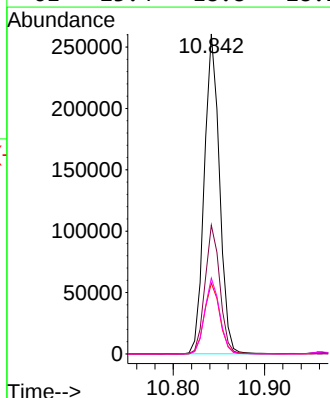
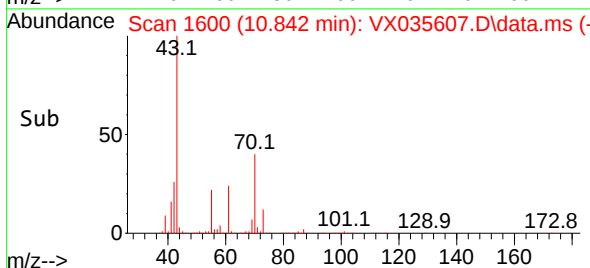
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023

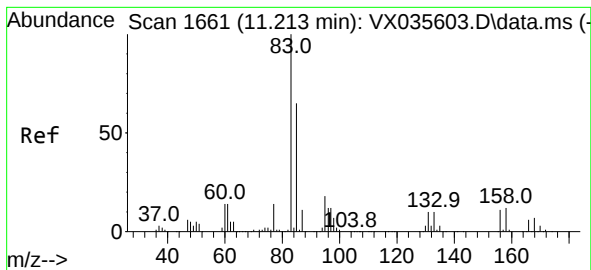


#74
N-ethyl acetate
Concen: 46.902 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



Tgt Ion: 43 Resp: 299677
Ion Ratio Lower Upper
43 100
70 39.5 32.1 48.1
55 22.7 18.3 27.5
61 23.4 18.8 28.2





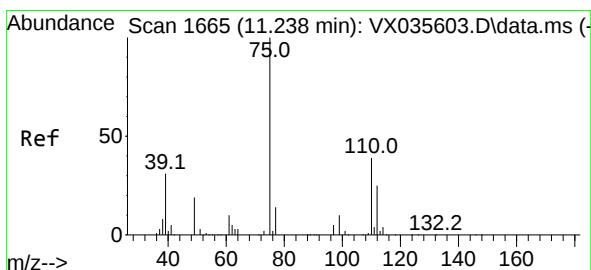
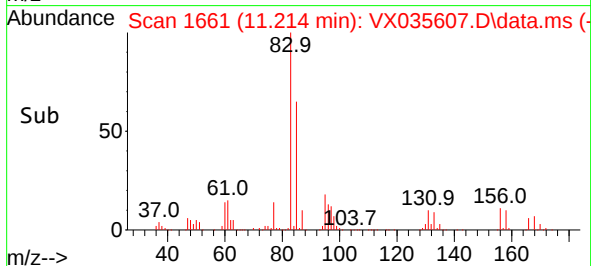
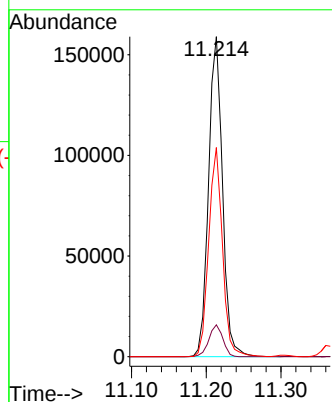
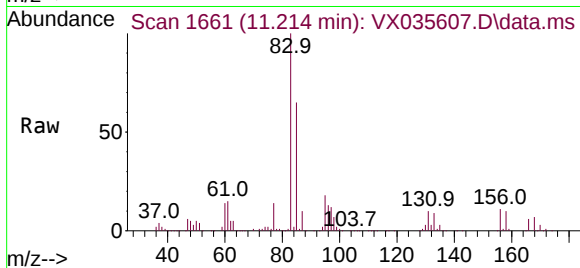
#75
1,1,2,2-Tetrachloroethane
Concen: 46.257 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.001 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVX051123

Tgt Ion: 83 Resp: 205628
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 64.6 32.0 96.0

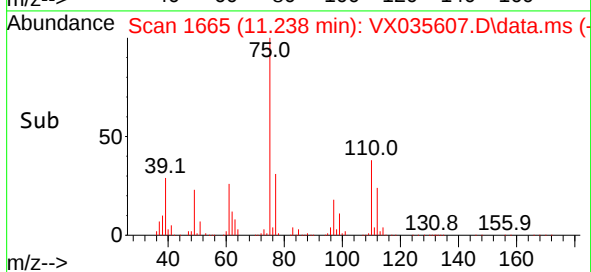
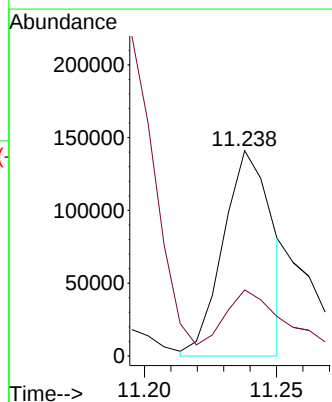
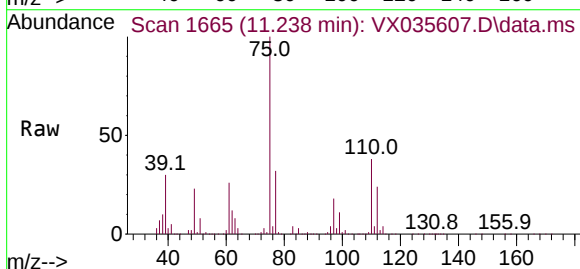
Manual Integrations
APPROVED

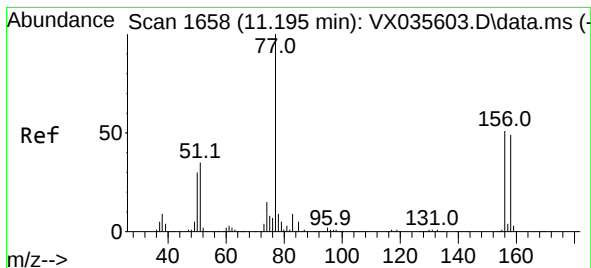
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#76
1,2,3-Trichloropropane
Concen: 45.514 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 75 Resp: 181047
Ion Ratio Lower Upper
75 100
77 42.0 21.6 64.8





#77

Bromobenzene

Concen: 44.558 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123

Tgt Ion:156 Resp: 138592

Ion Ratio Lower Upper

156 100

77 190.8 86.7 259.9

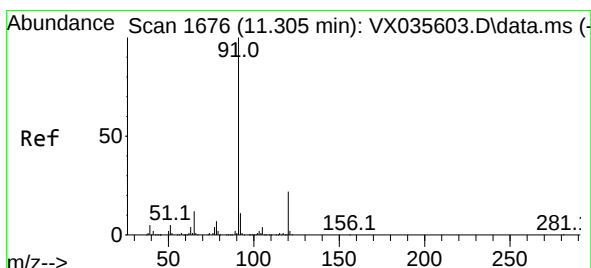
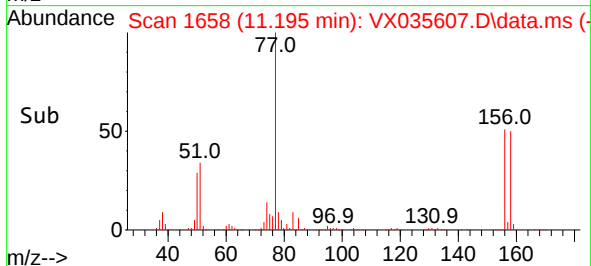
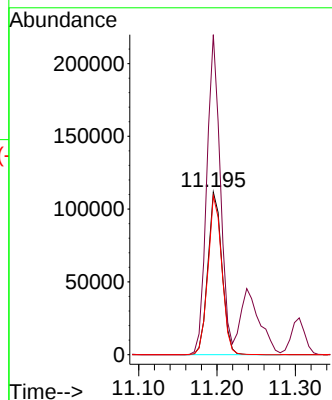
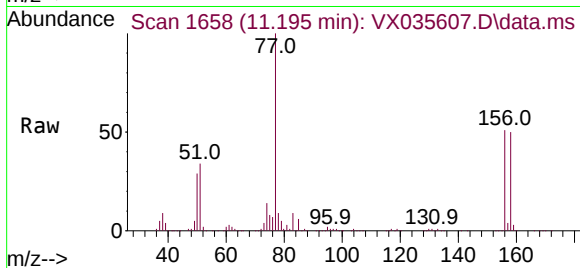
158 96.8 48.0 144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#78

n-propylbenzene

Concen: 43.910 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035607.D

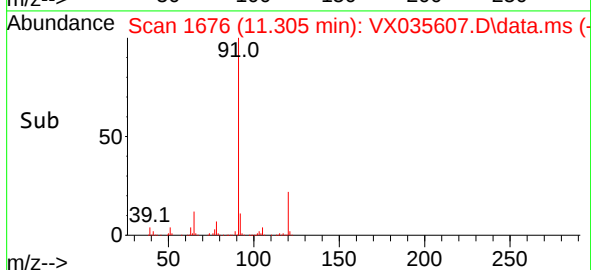
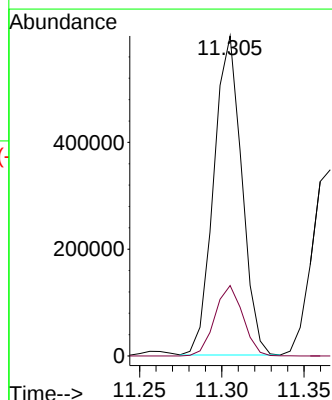
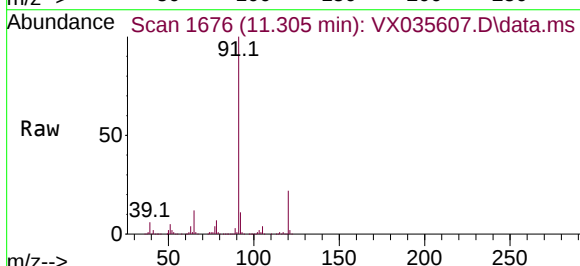
Acq: 11 May 2023 14:58

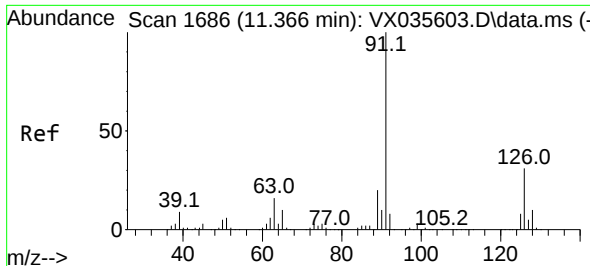
Tgt Ion: 91 Resp: 707335

Ion Ratio Lower Upper

91 100

120 22.1 11.5 34.5





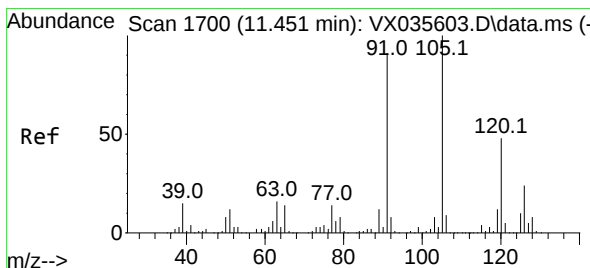
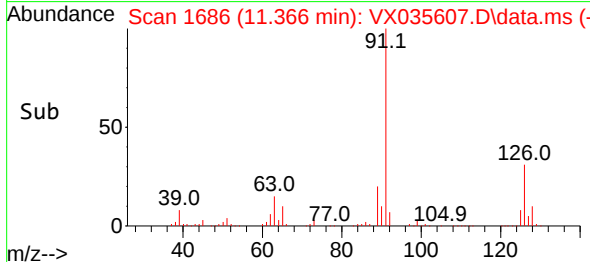
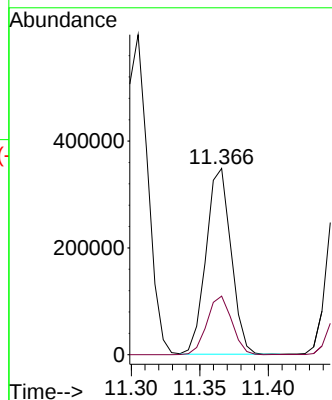
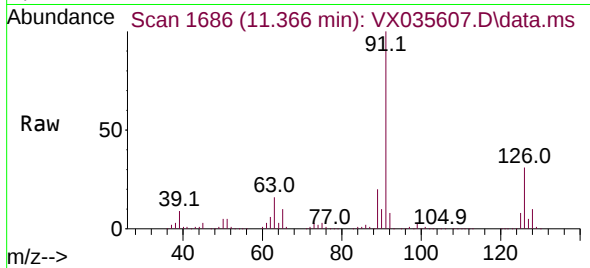
#79
2-Chlorotoluene
Concen: 43.745 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion: 91 Resp: 441184
Ion Ratio Lower Upper
91 100
126 31.4 16.3 48.9

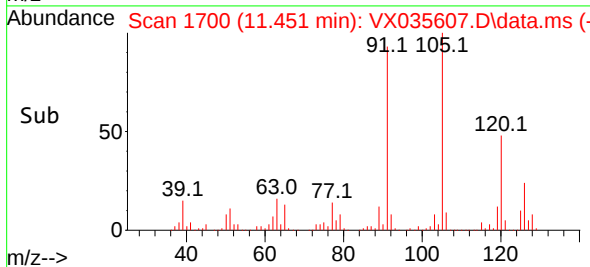
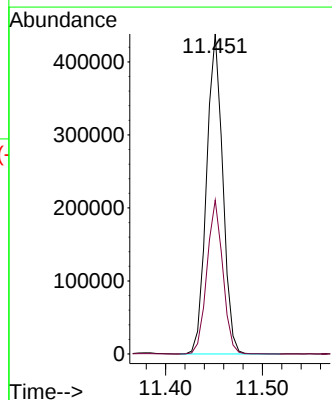
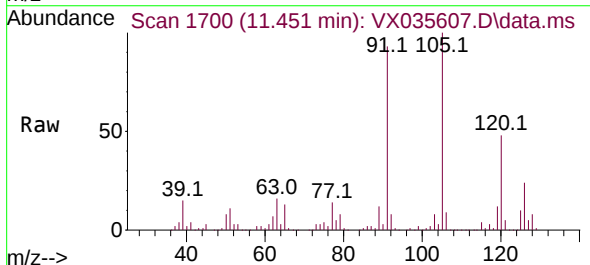
Manual Integrations
APPROVED

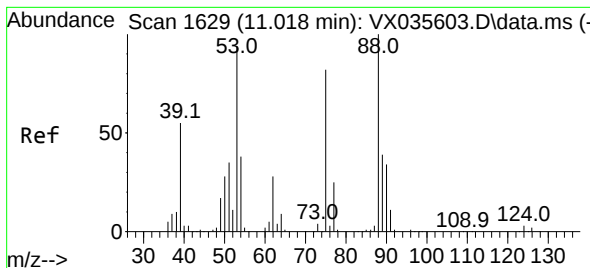
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 43.922 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:105 Resp: 511568
Ion Ratio Lower Upper
105 100
120 47.0 23.7 71.1





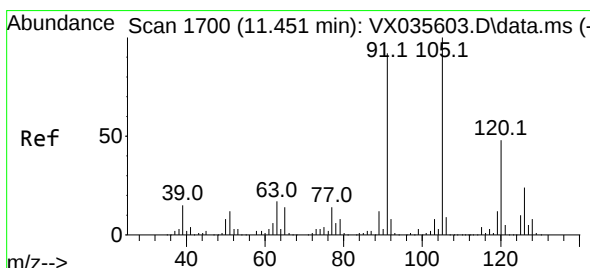
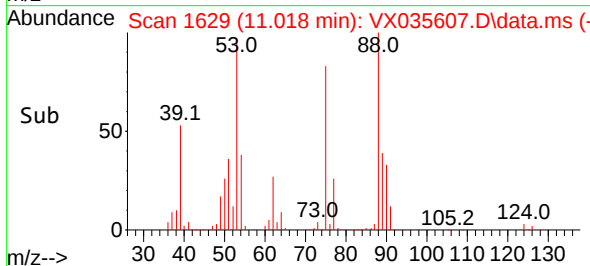
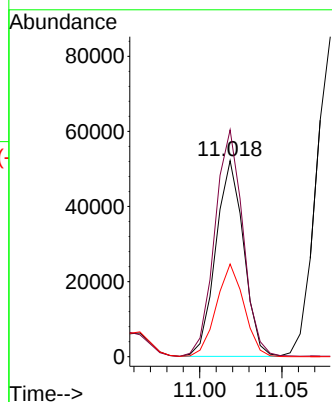
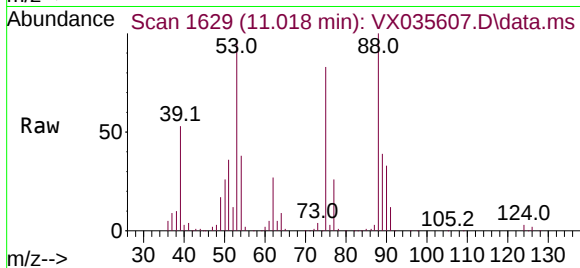
#81
trans-1,4-Dichloro-2-butene
Concen: 49.769 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123

Tgt Ion: 75 Resp: 61428
Ion Ratio Lower Upper
75 100
53 117.8 82.6 124.0
89 47.0 36.9 55.3

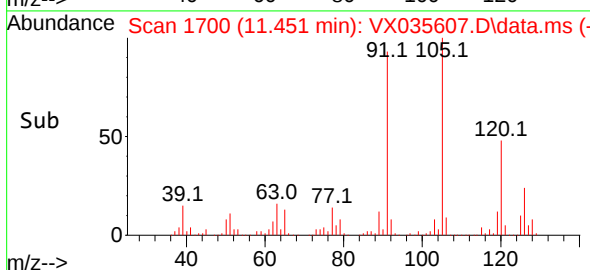
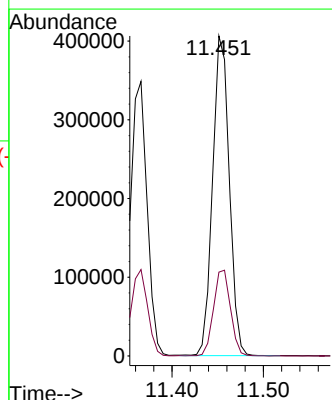
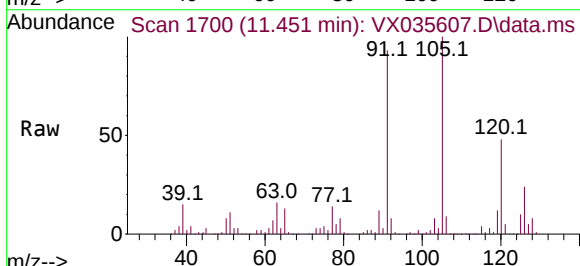
Manual Integrations
APPROVED

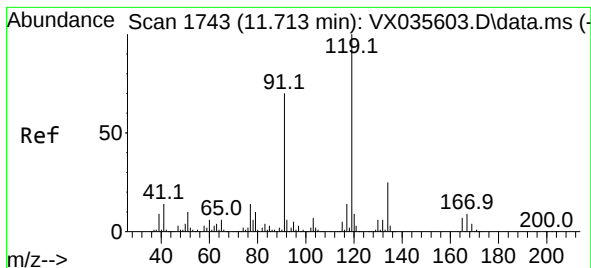
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#82
4-Chlorotoluene
Concen: 44.300 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion: 91 Resp: 514540
Ion Ratio Lower Upper
91 100
126 27.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 43.039 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVX051123

Tgt Ion:119 Resp: 487260

Ion Ratio Lower Upper

119 100

91 65.1 30.6 92.0

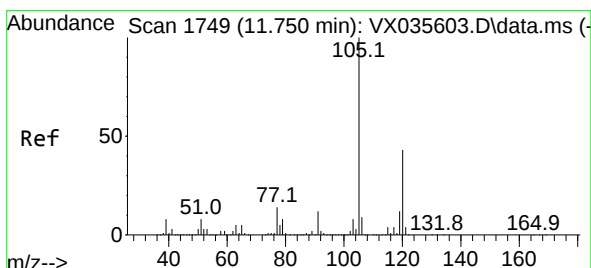
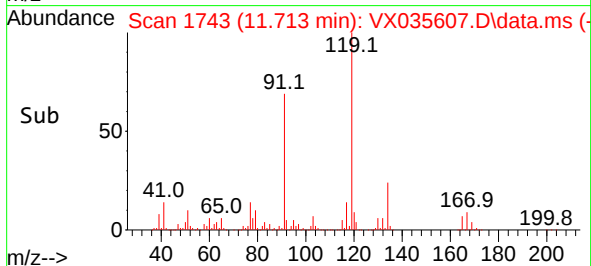
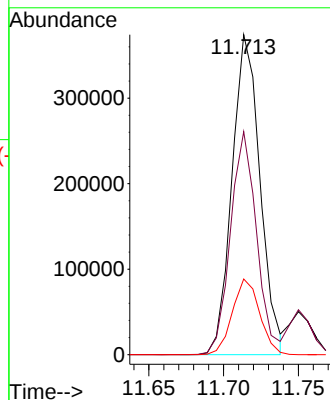
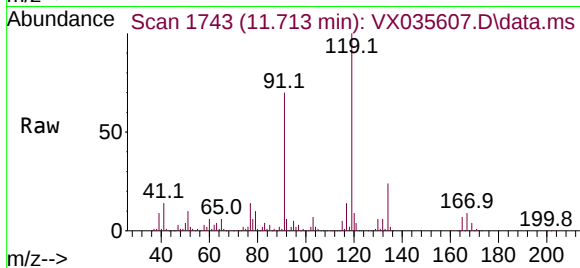
134 23.1 11.8 35.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 44.561 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX035607.D

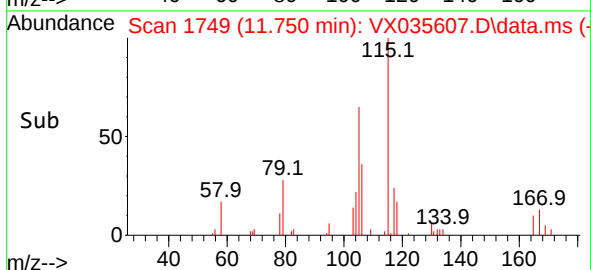
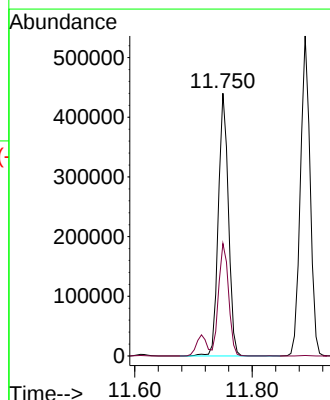
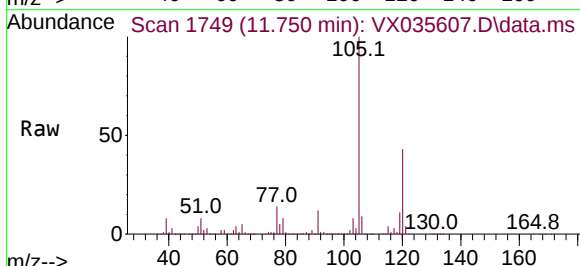
Acq: 11 May 2023 14:58

Tgt Ion:105 Resp: 521129

Ion Ratio Lower Upper

105 100

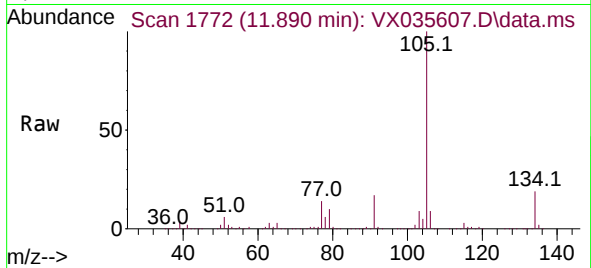
120 42.4 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 43.264 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035607.D
 Acq: 11 May 2023 14:58

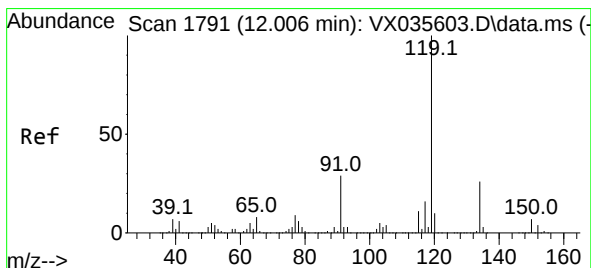
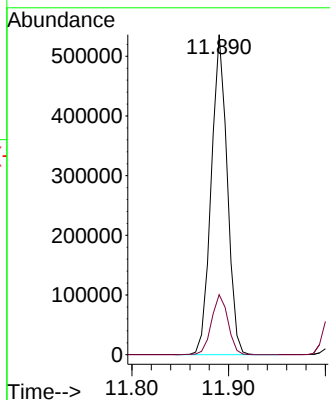
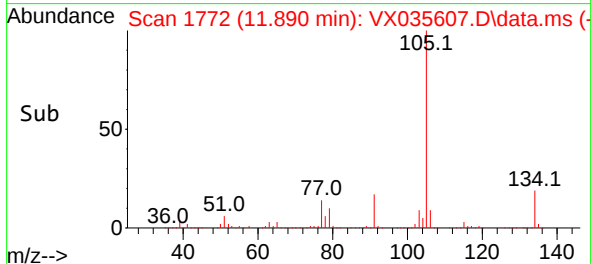
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX051123



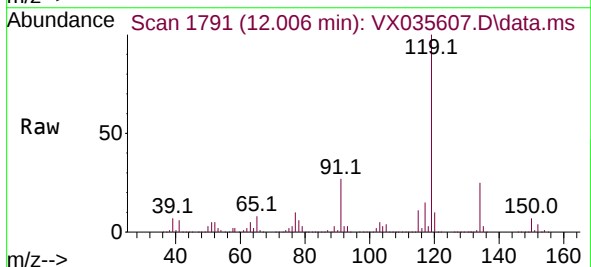
Tgt Ion:105 Resp: 614990
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4

Manual Integrations
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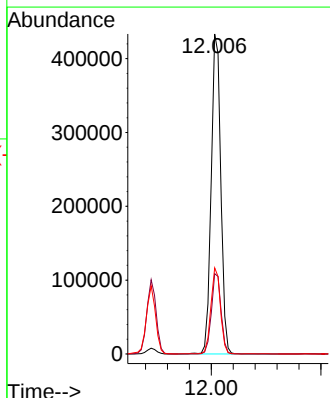
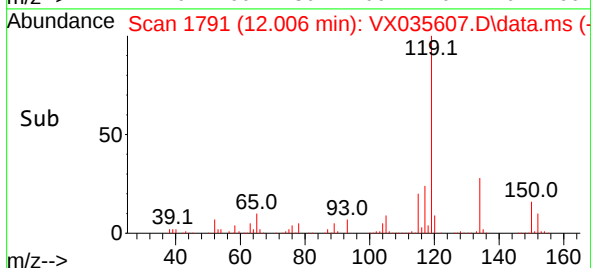
Reviewed By :John Carlone 05/11/2023
 Supervised By :Mahesh Dadoda 05/12/2023

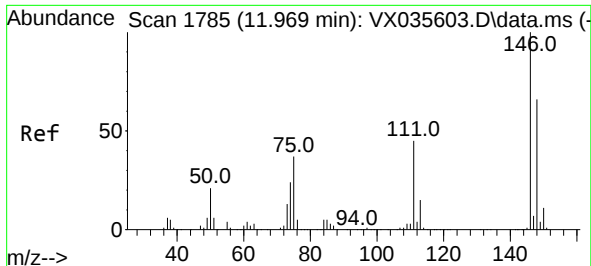


#86
 p-Isopropyltoluene
 Concen: 44.653 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX035607.D
 Acq: 11 May 2023 14:58



Tgt Ion:119 Resp: 521825
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 26.6 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 44.863 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVX051123

Tgt Ion:146 Resp: 26508

Ion Ratio Lower Upper

146 100

111 44.7 20.9 62.8

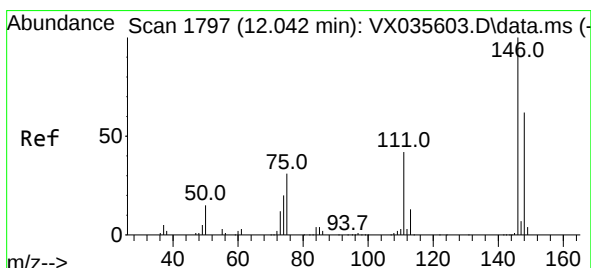
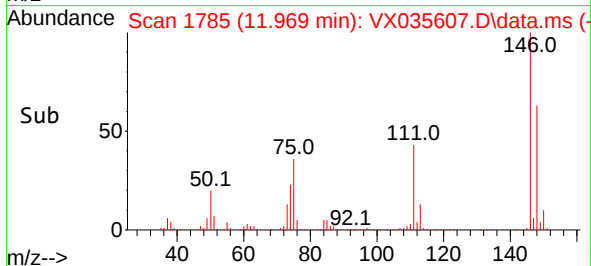
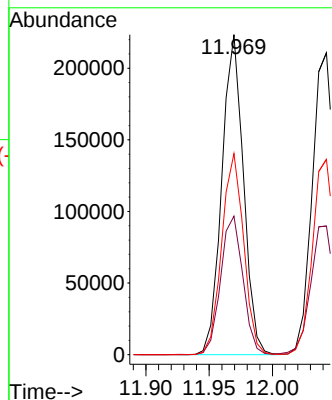
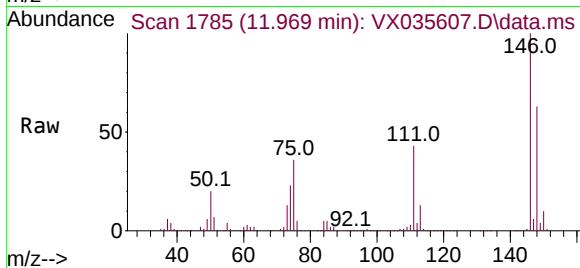
148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#88

1,4-Dichlorobenzene

Concen: 44.909 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.001 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

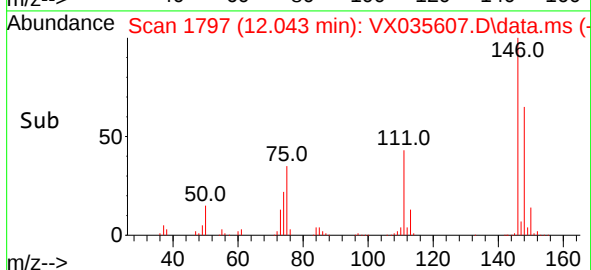
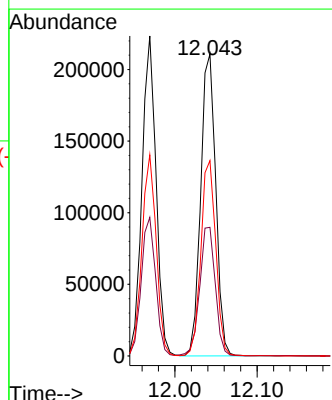
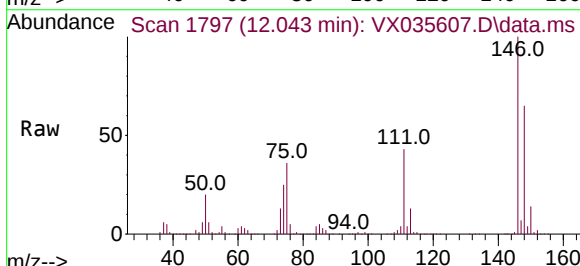
Tgt Ion:146 Resp: 267949

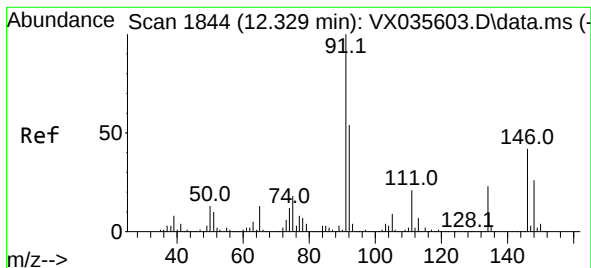
Ion Ratio Lower Upper

146 100

111 44.2 20.6 61.9

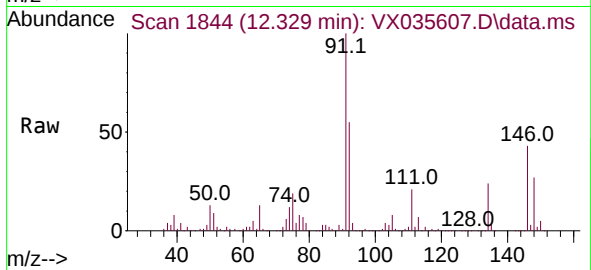
148 64.4 31.8 95.4





#89
n-Butylbenzene
Concen: 44.614 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

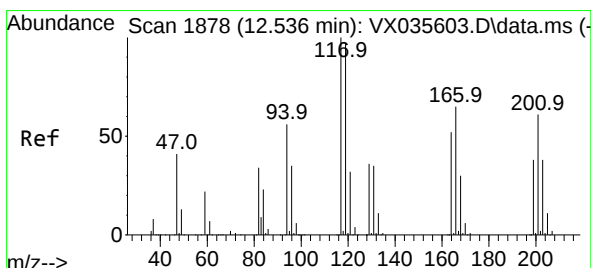
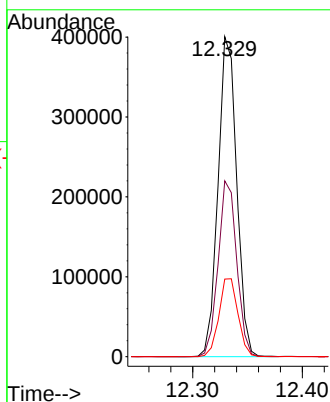
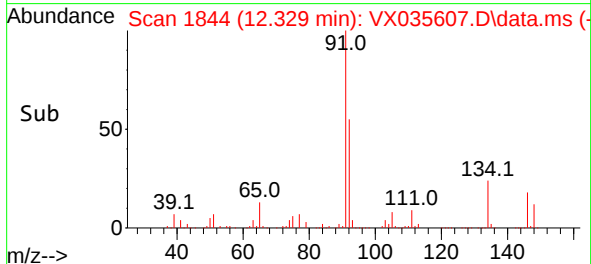
Instrument :
MSVOA_X
ClientSampleId :
ICVX051123



Tgt Ion: 91 Resp: 474280
Ion Ratio Lower Upper
91 100
92 54.9 27.7 83.0
134 25.0 13.0 38.9

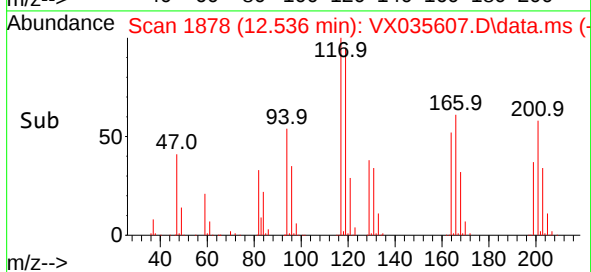
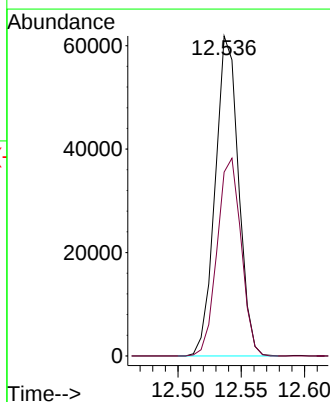
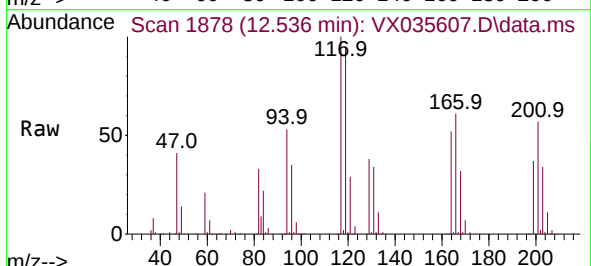
Manual Integrations
APPROVED

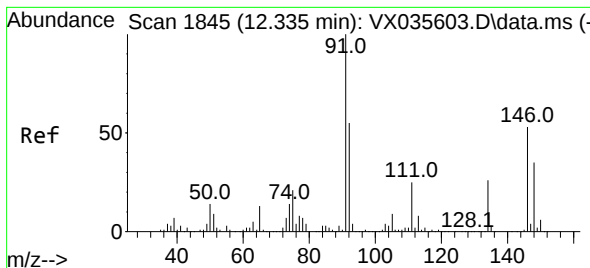
Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#90
Hexachloroethane
Concen: 44.726 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:117 Resp: 79221
Ion Ratio Lower Upper
117 100
201 63.6 34.4 103.1





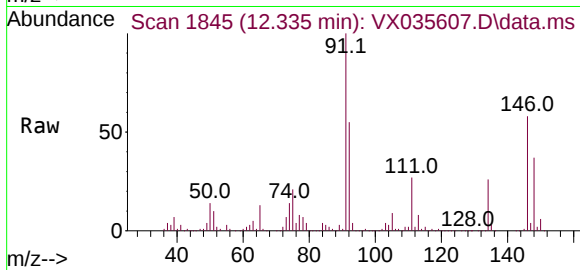
#91
1,2-Dichlorobenzene
Concen: 45.352 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123



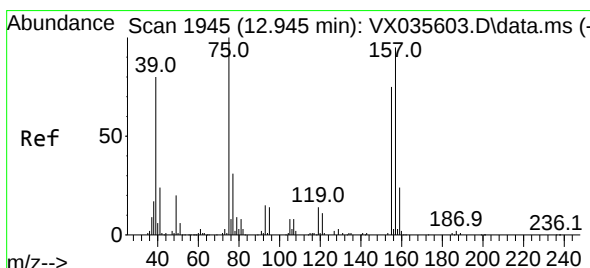
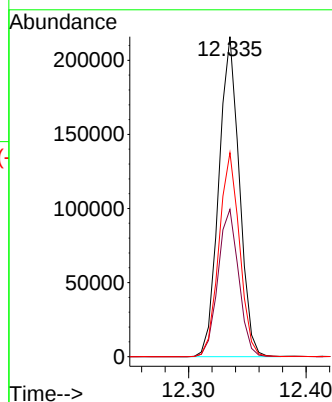
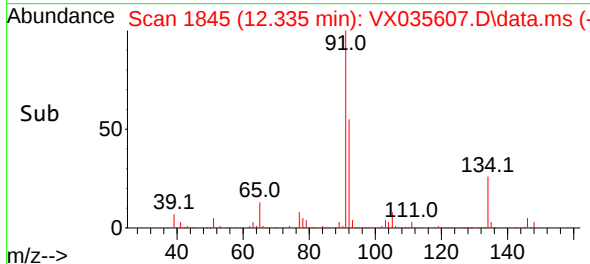
Tgt Ion:146 Resp: 262408
Ion Ratio Lower Upper
146 100
111 46.5 22.0 66.0
148 63.8 32.0 96.0

Manual Integrations

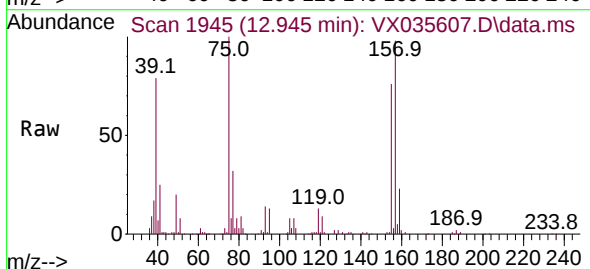
APPROVED

Reviewed By :John Carlone 05/11/2023

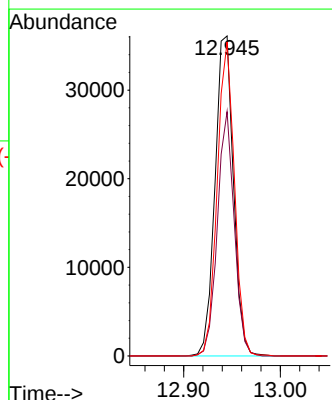
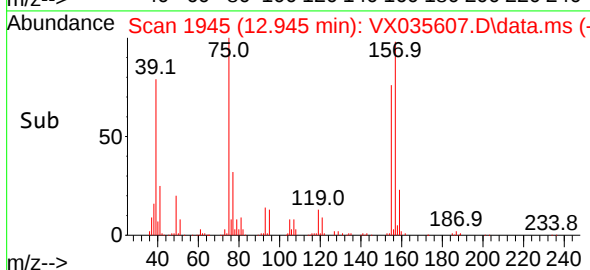
Supervised By :Mahesh Dadoda 05/12/2023

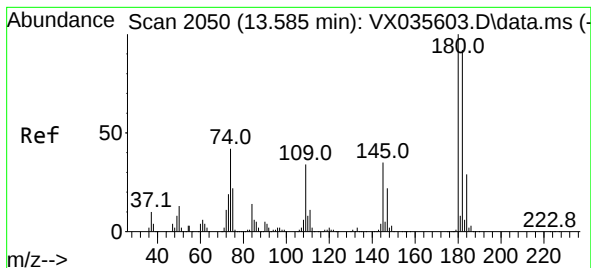


#92
1,2-Dibromo-3-Chloropropane
Concen: 48.364 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58



Tgt Ion: 75 Resp: 47875
Ion Ratio Lower Upper
75 100
155 69.6 38.4 115.1
157 91.0 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 46.734 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

Instrument :

MSVOA_X

ClientSampleId :

ICVVX051123

Tgt Ion:180 Resp: 162810

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

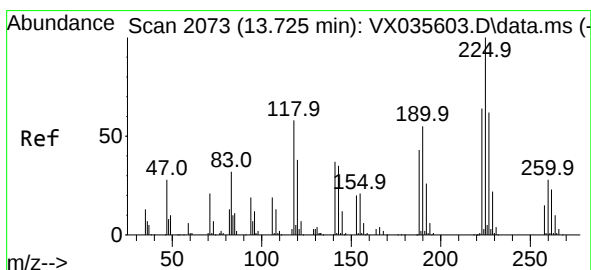
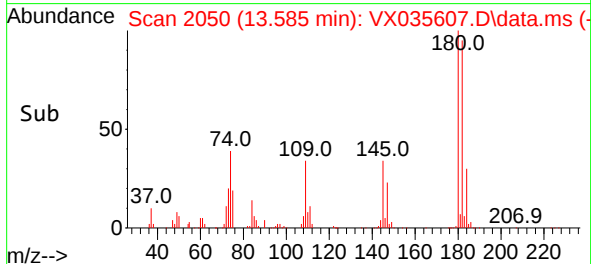
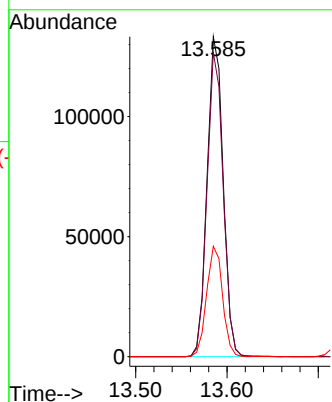
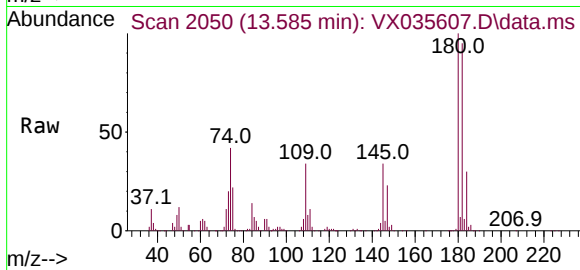
145 34.2 15.9 47.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2023

Supervised By :Mahesh Dadoda 05/12/2023



#94

Hexachlorobutadiene

Concen: 43.648 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035607.D

Acq: 11 May 2023 14:58

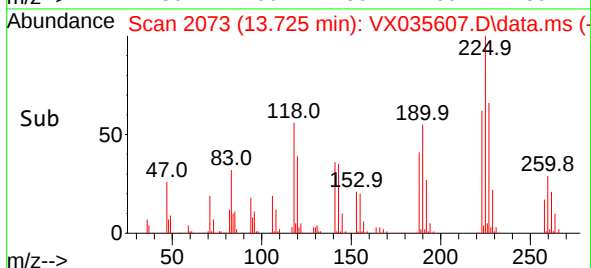
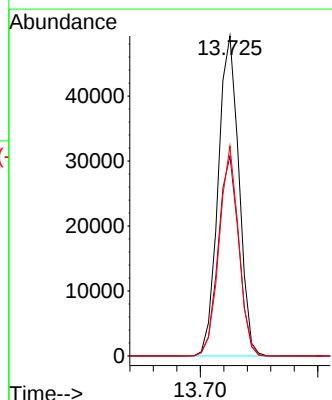
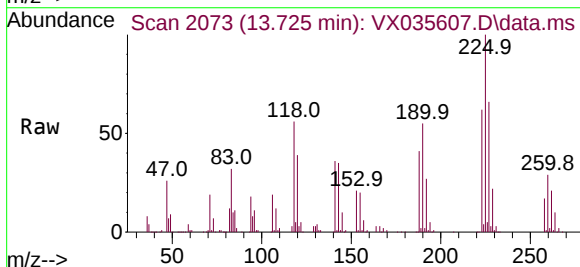
Tgt Ion:225 Resp: 60358

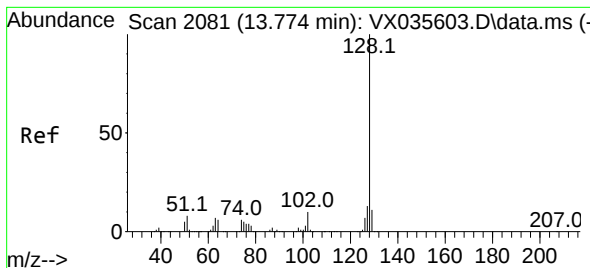
Ion Ratio Lower Upper

225 100

223 61.6 32.1 96.5

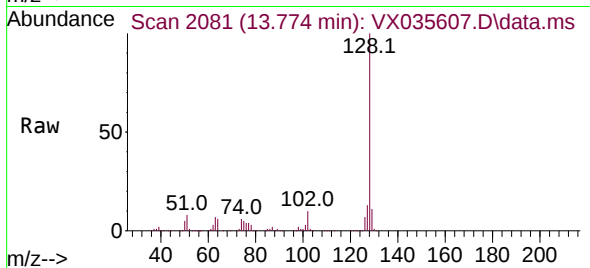
227 61.7 31.8 95.4





#95
Naphthalene
Concen: 47.575 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

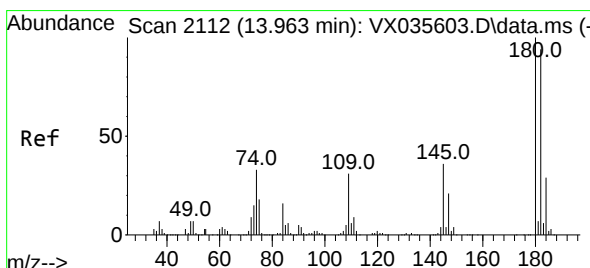
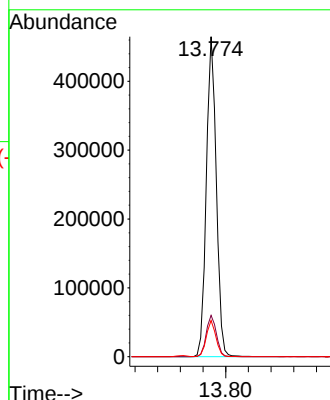
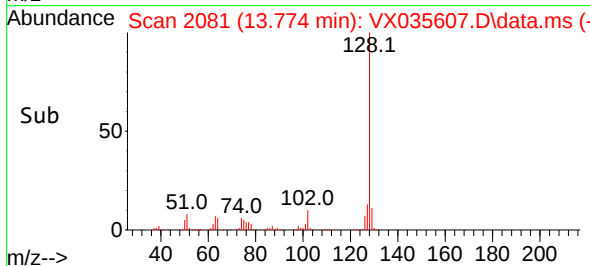
Instrument :
MSVOA_X
ClientSampleId :
ICVVX051123



Tgt Ion:128 Resp: 56760
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2023
Supervised By :Mahesh Dadoda 05/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 46.882 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035607.D
Acq: 11 May 2023 14:58

Tgt Ion:180 Resp: 160635
Ion Ratio Lower Upper
180 100
182 94.4 48.0 144.2
145 36.9 17.7 53.1

