

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051123\
 Data File : VX035603.D
 Acq On : 11 May 2023 12:10
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: May 11 13:29:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:25:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	227397	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	405723	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	362800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	186331	46.970	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.940%		
35) Dibromofluoromethane	5.385	113	128978	47.138	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.280%		
50) Toluene-d8	8.647	98	479985	47.485	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.960%		
62) 4-Bromofluorobenzene	11.079	95	194215	47.719	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.440%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	143812	48.527	ug/l	100
3) Chloromethane	1.294	50	164105	45.630	ug/l	100
4) Vinyl Chloride	1.374	62	144604	47.378	ug/l	100
5) Bromomethane	1.618	94	75853	45.888	ug/l	96
6) Chloroethane	1.691	64	83919	45.322	ug/l	100
7) Trichlorofluoromethane	1.886	101	216291	48.195	ug/l	98
8) Diethyl Ether	2.130	74	80491	46.582	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	124232	46.625	ug/l	96
10) Methyl Iodide	2.453	142	110921	46.546	ug/l	90
11) Tert butyl alcohol	3.001	59	129329	185.266	ug/l	99
12) 1,1-Dichloroethene	2.319	96	120850	47.722	ug/l	91
13) Acrolein	2.239	56	185429	225.622	ug/l	99
14) Allyl chloride	2.666	41	254749	46.957	ug/l	95
15) Acrylonitrile	3.068	53	359125	233.020	ug/l	99
16) Acetone	2.392	43	380122	222.943	ug/l	93
17) Carbon Disulfide	2.514	76	297698	48.710	ug/l	100
18) Methyl Acetate	2.703	43	296018	47.076	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	466054	46.249	ug/l	98
20) Methylene Chloride	2.788	84	139679	45.202	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	132593	47.784	ug/l	96
22) Diisopropyl ether	3.757	45	488538	45.992	ug/l	95
23) Vinyl Acetate	3.721	43	1770071	235.510	ug/l	98
24) 1,1-Dichloroethane	3.611	63	266757	46.957	ug/l	99
25) 2-Butanone	4.556	43	543255	230.164	ug/l	96
26) 2,2-Dichloropropane	4.477	77	224566	46.680	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	155433	46.596	ug/l	95
28) Bromochloromethane	4.897	49	106649	41.737	ug/l	96
29) Tetrahydrofuran	5.007	42	339690	228.962	ug/l	98
30) Chloroform	5.093	83	270696	46.501	ug/l	97
31) Cyclohexane	5.471	56	235567	47.000	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	238870	47.161	ug/l	99
36) 1,1-Dichloropropene	5.690	75	203626	47.147	ug/l	98
37) Ethyl Acetate	4.715	43	211108	46.863	ug/l	99
38) Carbon Tetrachloride	5.678	117	194538	47.549	ug/l	97
39) Methylcyclohexane	7.379	83	240122	47.231	ug/l	92
40) Benzene	6.037	78	555155	45.948	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	124011	46.365	ug/l	96
42) 1,2-Dichloroethane	6.086	62	238688	45.924	ug/l	97
43) Isopropyl Acetate	6.336	43	362739	46.177	ug/l	100
44) Trichloroethene	7.123	130	140714	45.931	ug/l	88
45) 1,2-Dichloropropane	7.427	63	149523	46.726	ug/l	96
46) Dibromomethane	7.580	93	102783	46.924	ug/l	95
47) Bromodichloromethane	7.818	83	201400	47.570	ug/l	99
48) Methyl methacrylate	7.690	41	180882	46.658	ug/l	97
49) 1,4-Dioxane	7.708	88	69907	881.166	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	1055395	233.209	ug/l	98
52) Toluene	8.720	92	351164	46.043	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	226199	49.177	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	241076	48.918	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	139918	46.708	ug/l	99
56) Ethyl methacrylate	9.116	69	227633	46.924	ug/l	97
57) 1,3-Dichloropropane	9.305	76	251306	46.278	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	595863	241.454	ug/l	100
59) 2-Hexanone	9.433	43	795878	233.521	ug/l	98
60) Dibromochloromethane	9.519	129	139122	48.722	ug/l	99
61) 1,2-Dibromoethane	9.610	107	147080	46.602	ug/l	100
64) Tetrachloroethene	9.275	164	109626	44.882	ug/l	94
65) Chlorobenzene	10.079	112	369005	46.594	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	132929	47.470	ug/l	98
67) Ethyl Benzene	10.195	91	690447	46.356	ug/l	98
68) m/p-Xylenes	10.299	106	517780	94.047	ug/l	96
69) o-Xylene	10.640	106	254406	46.567	ug/l	96
70) Styrene	10.653	104	418286	47.506	ug/l	97
71) Bromoform	10.799	173	89187	48.406	ug/l #	100
73) Isopropylbenzene	10.963	105	673057	46.996	ug/l	99
74) N-amyl acetate	10.841	43	308028	46.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	211326	45.487	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	241355	59.282	ug/l	83
77) Bromobenzene	11.195	156	148493	45.682	ug/l	92
78) n-propylbenzene	11.305	91	799596	47.496	ug/l	98
79) 2-Chlorotoluene	11.366	91	484188	45.937	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	570219	46.846	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	62354	48.339	ug/l	89
82) 4-Chlorotoluene	11.451	91	563243	46.401	ug/l	98
83) tert-Butylbenzene	11.713	119	547148	46.243	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	574254	46.985	ug/l	96
85) sec-Butylbenzene	11.890	105	705622	47.498	ug/l	98
86) p-Isopropyltoluene	12.006	119	587246	48.083	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	285531	46.239	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	291786	46.794	ug/l	98
89) n-Butylbenzene	12.329	91	539371	48.548	ug/l	98
90) Hexachloroethane	12.536	117	90996	49.157	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	277311	45.860	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	48303	46.691	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	172317	47.327	ug/l	98
94) Hexachlorobutadiene	13.725	225	68455	47.368	ug/l	98
95) Naphthalene	13.774	128	589348	47.266	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	170131	47.511	ug/l	98

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Thu May 11 13:25:30 2023
Response via : Initial Calibration

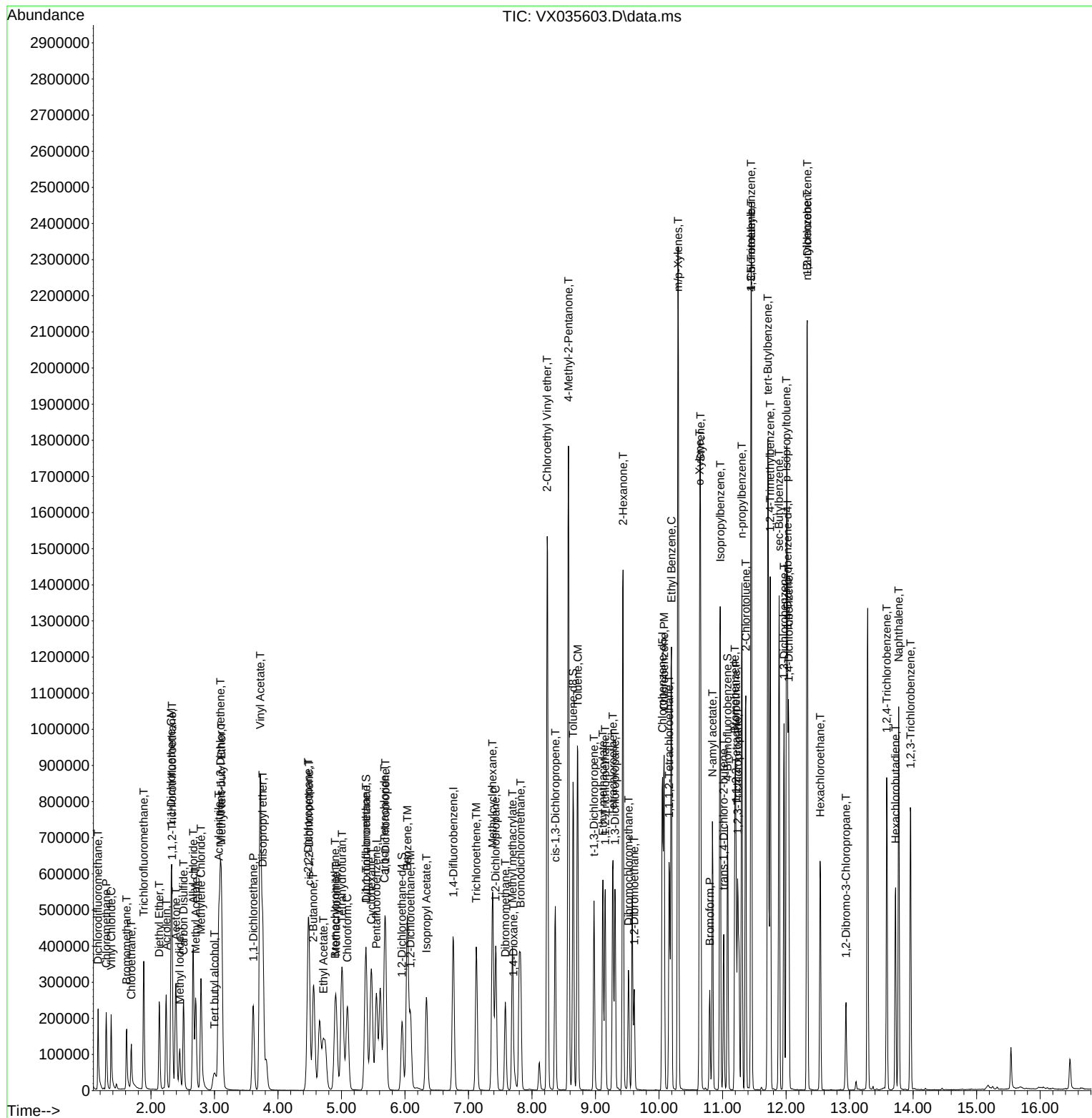
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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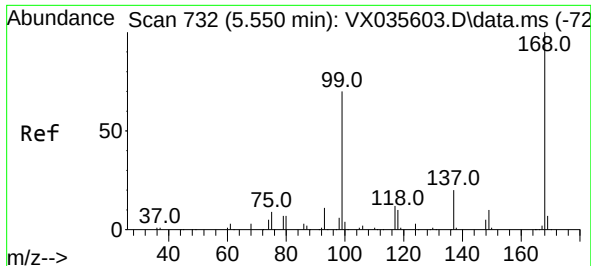
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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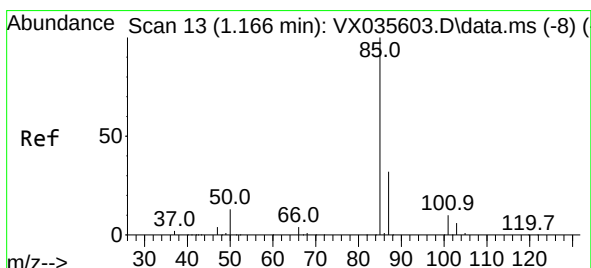
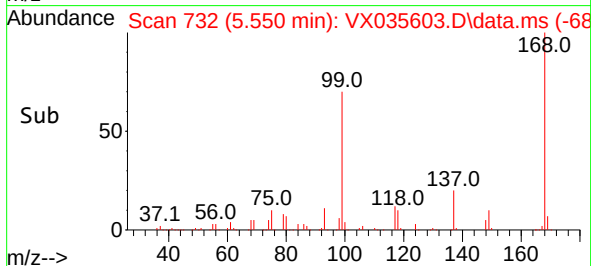
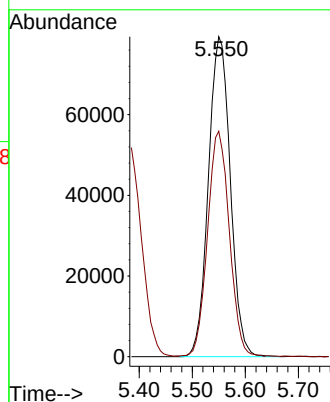
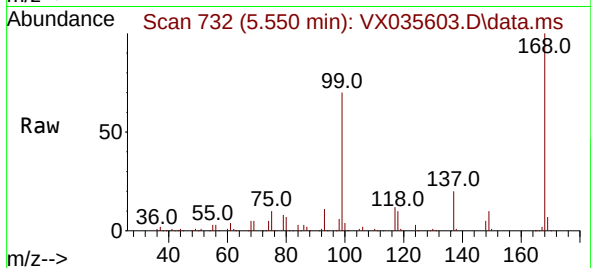




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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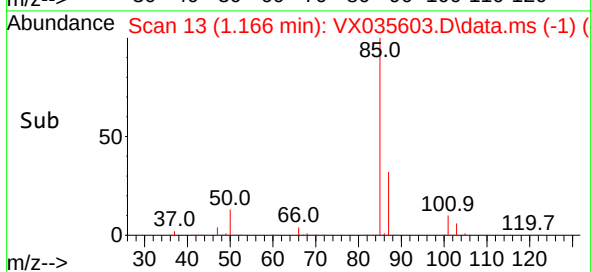
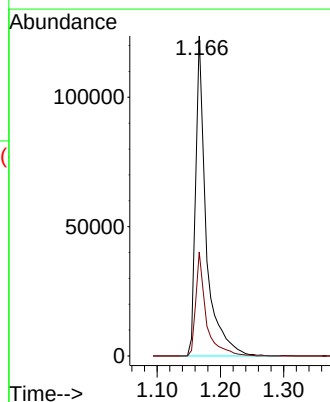
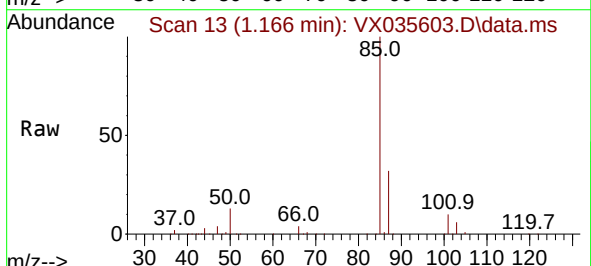
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

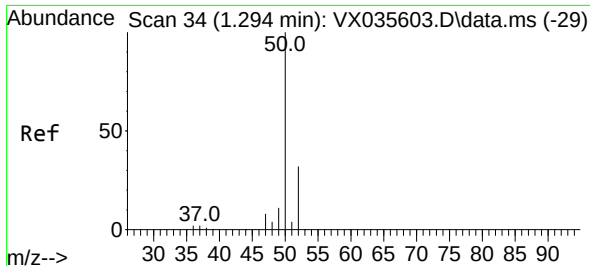
Tgt Ion:168 Resp: 227397
Ion Ratio Lower Upper
168 100
99 70.4 45.7 68.5#



#2
Dichlorodifluoromethane
Concen: 48.527 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 85 Resp: 143812
Ion Ratio Lower Upper
85 100
87 32.5 16.4 49.1

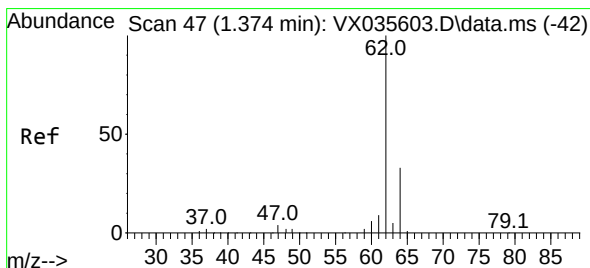
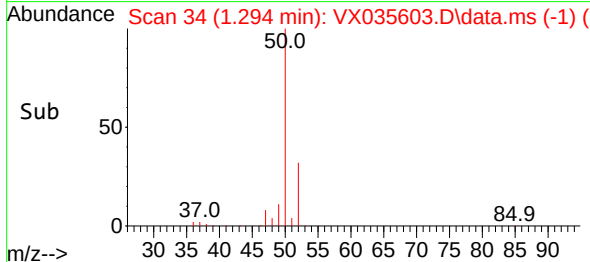
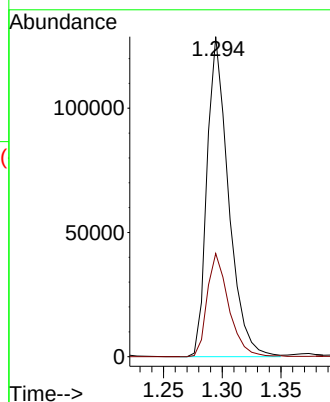
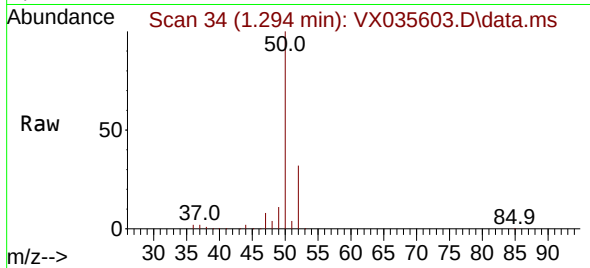




#3
Chloromethane
Concen: 45.630 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

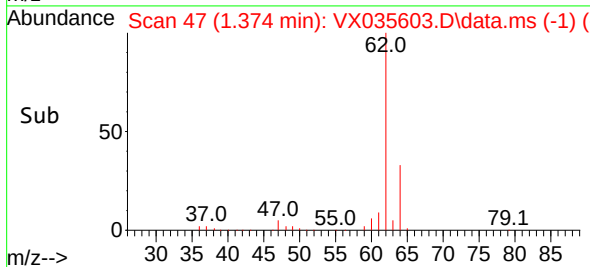
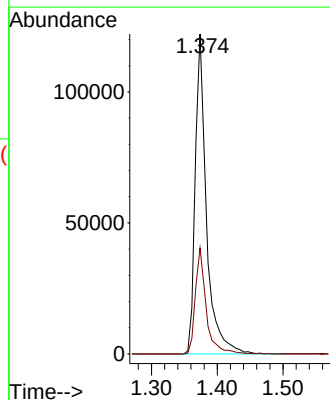
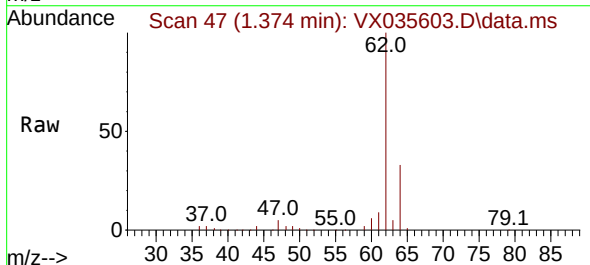
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

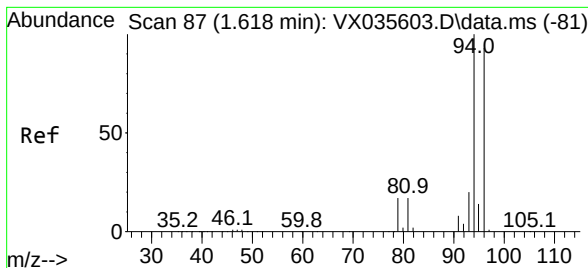
Tgt Ion: 50 Resp: 164105
Ion Ratio Lower Upper
50 100
52 32.3 25.9 38.9



#4
Vinyl Chloride
Concen: 47.378 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 62 Resp: 144604
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6

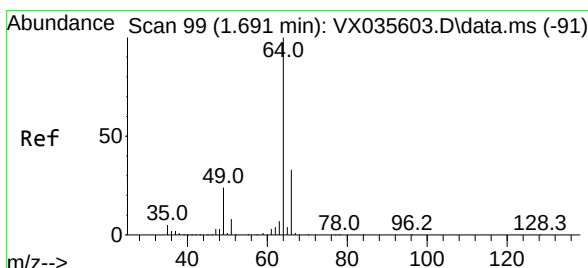
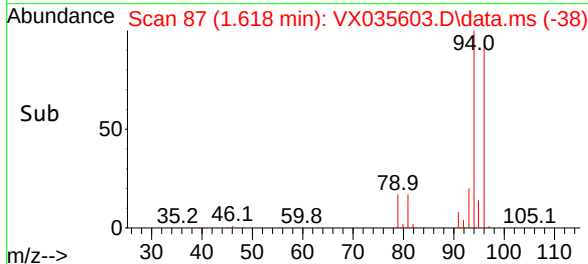
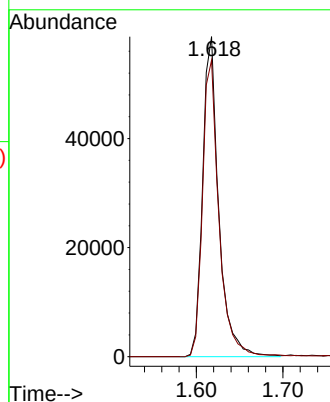
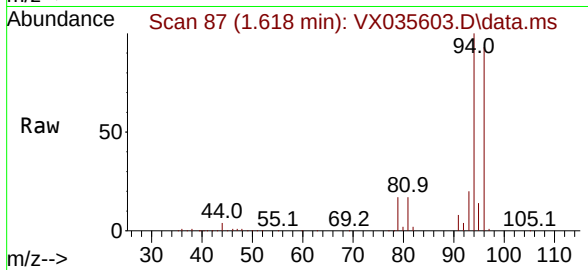




#5
Bromomethane
Concen: 45.888 ug/l
RT: 1.618 min Scan# 81
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

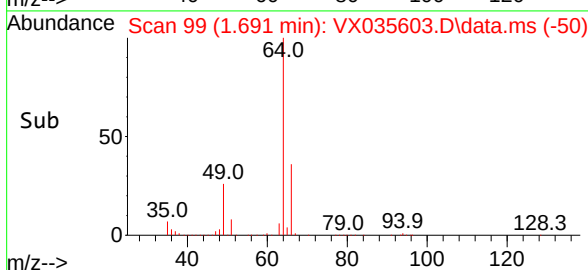
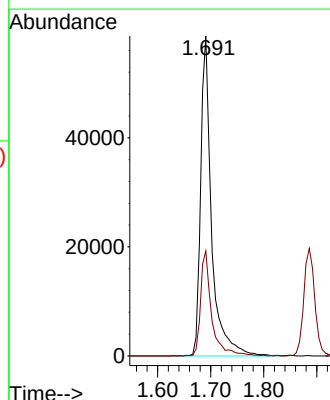
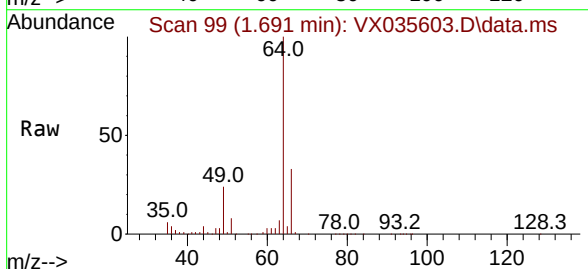
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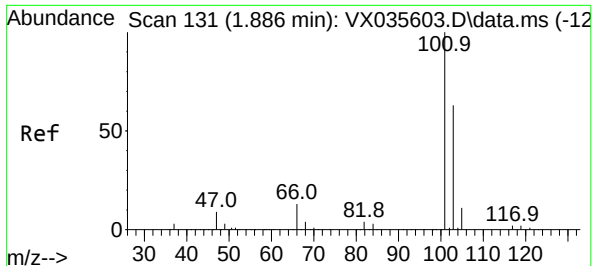
Tgt Ion: 94 Resp: 75853
Ion Ratio Lower Upper
94 100
96 92.6 77.0 115.6



#6
Chloroethane
Concen: 45.322 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.000 min
Lab File: VX035603.D
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Tgt Ion: 64 Resp: 83919
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4

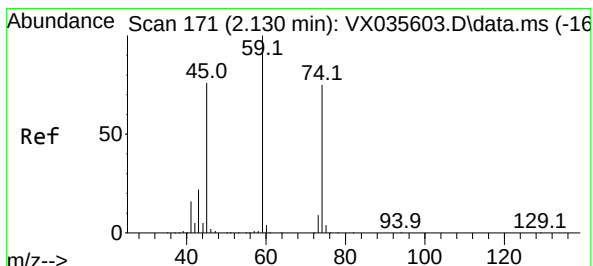
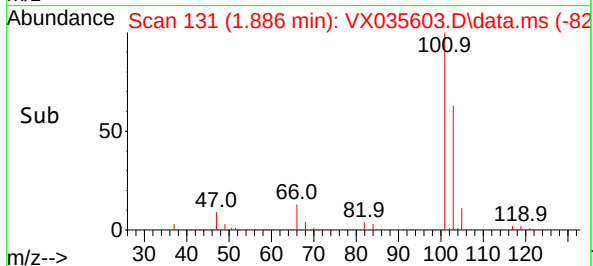
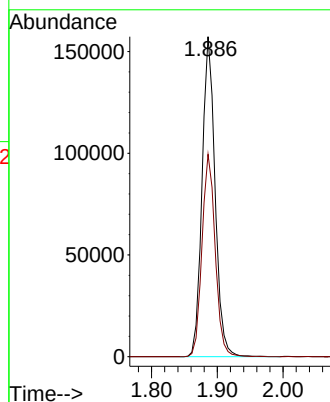
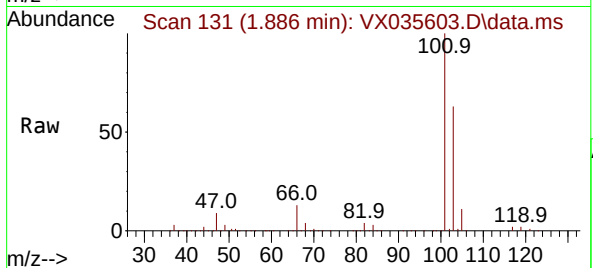




#7
Trichlorofluoromethane
Concen: 48.195 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035603.D
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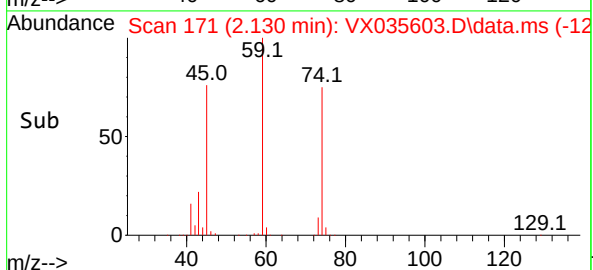
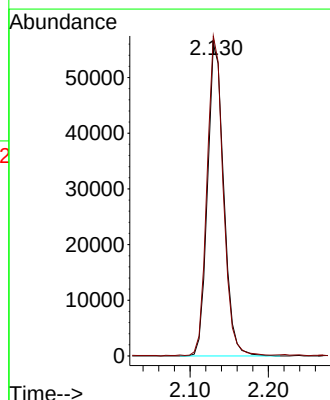
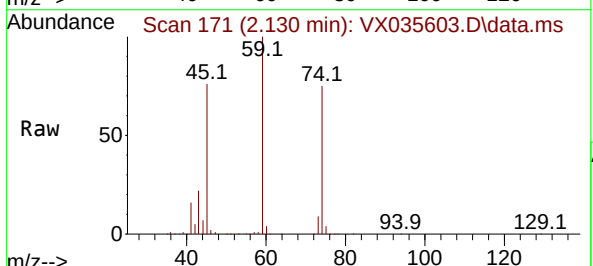
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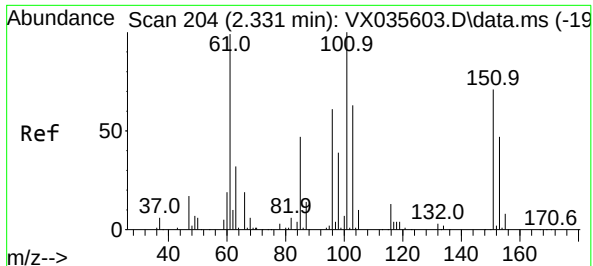
Tgt Ion:101 Resp: 216291
Ion Ratio Lower Upper
101 100
103 63.3 52.0 78.0



#8
Diethyl Ether
Concen: 46.582 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 80491
Ion Ratio Lower Upper
74 100
45 102.6 49.8 149.3

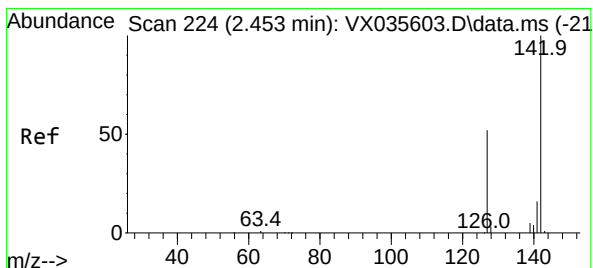
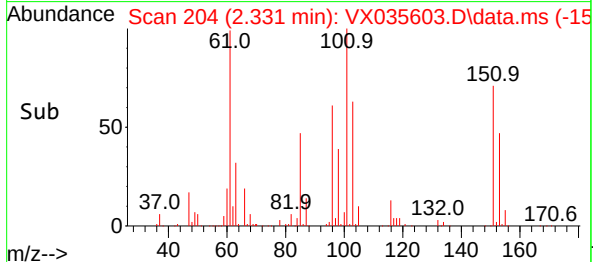
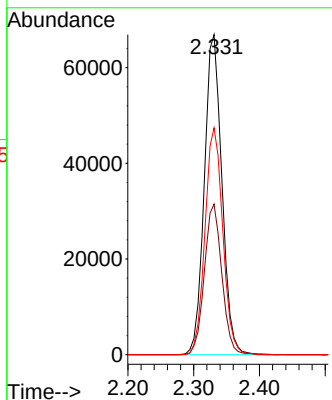
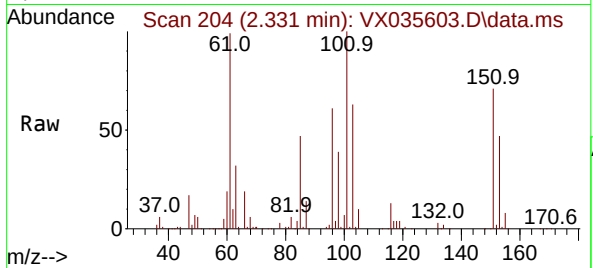




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.625 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

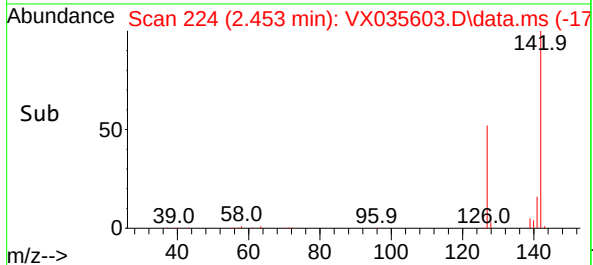
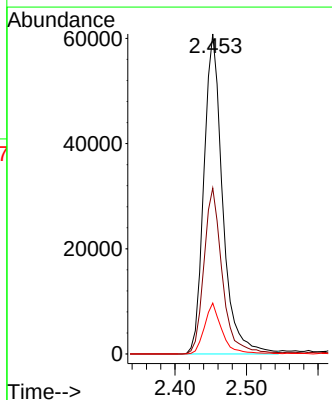
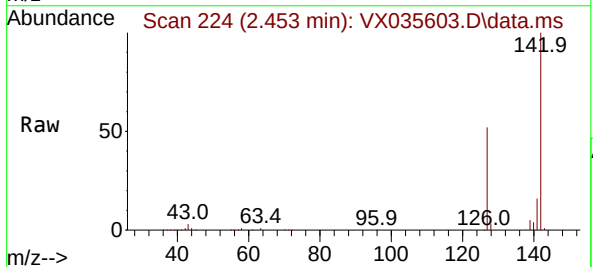
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

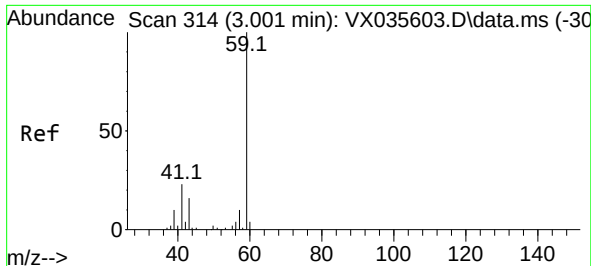
Tgt Ion:101 Resp: 124232
Ion Ratio Lower Upper
101 100
85 46.9 35.4 53.2
151 71.9 60.2 90.4



#10
Methyl Iodide
Concen: 46.546 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion:142 Resp: 110921
Ion Ratio Lower Upper
142 100
127 50.8 34.0 51.0
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 185.266 ug/l

RT: 3.001 min Scan# 314

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

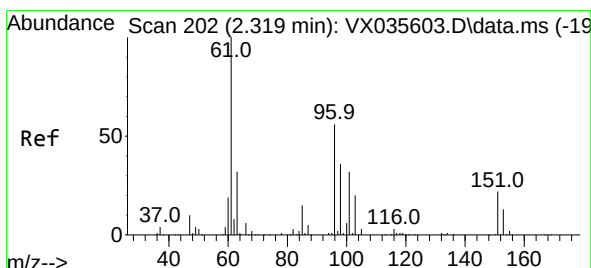
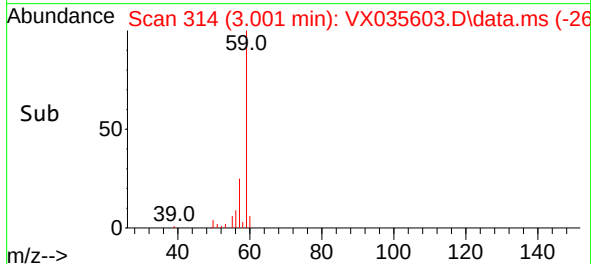
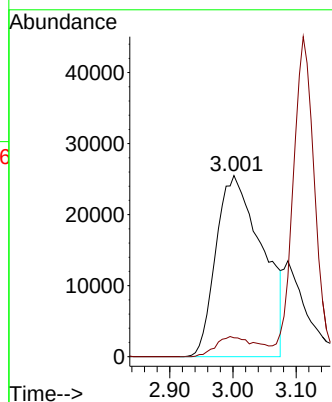
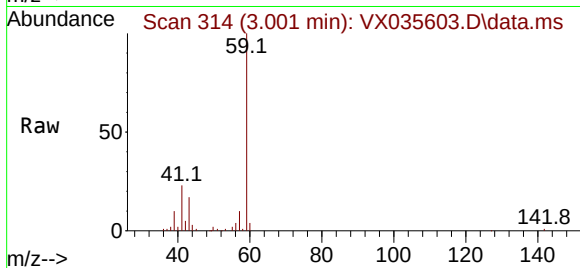
VSTDICCC050

Tgt Ion: 59 Resp: 129329

Ion Ratio Lower Upper

59 100

57 9.7 8.1 12.1



#12

1,1-Dichloroethene

Concen: 47.722 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

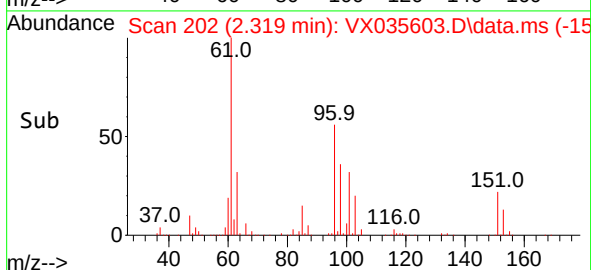
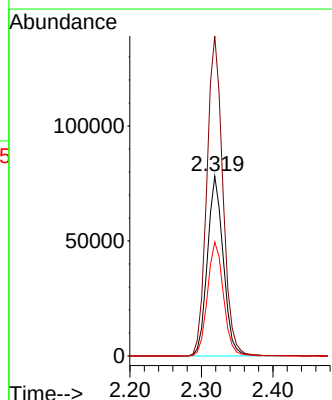
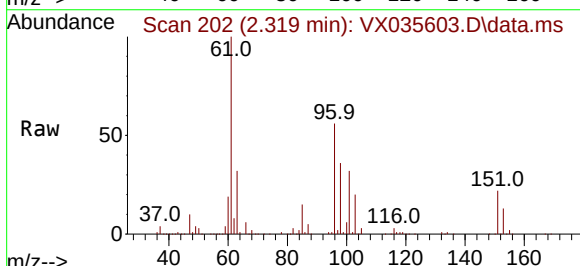
Tgt Ion: 96 Resp: 120850

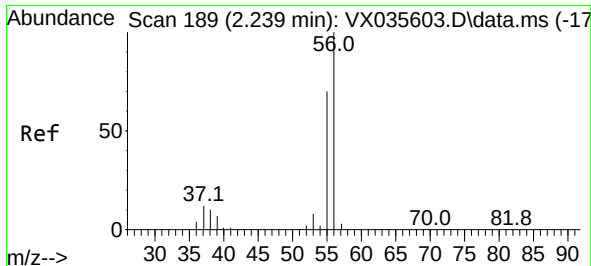
Ion Ratio Lower Upper

96 100

61 177.9 128.8 193.2

98 63.3 51.4 77.0

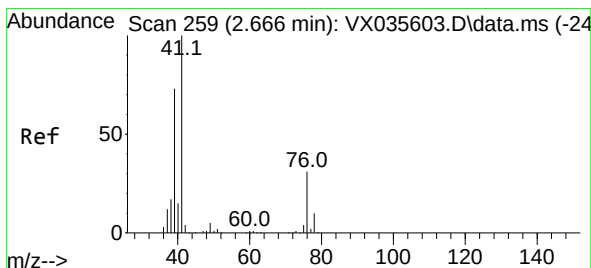
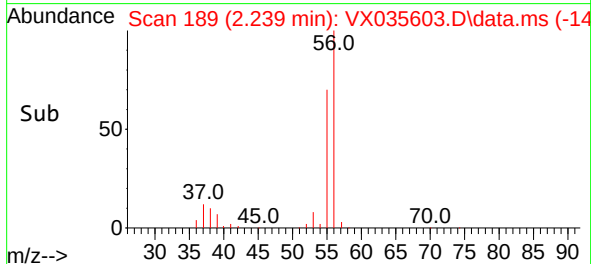
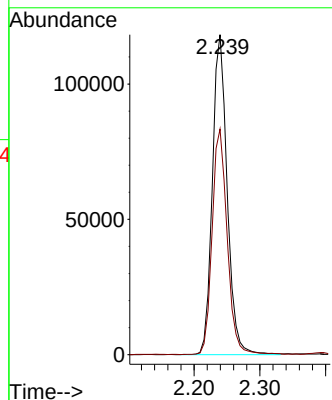
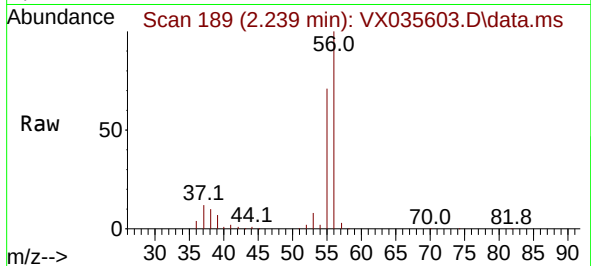




#13
Acrolein
Concen: 225.622 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

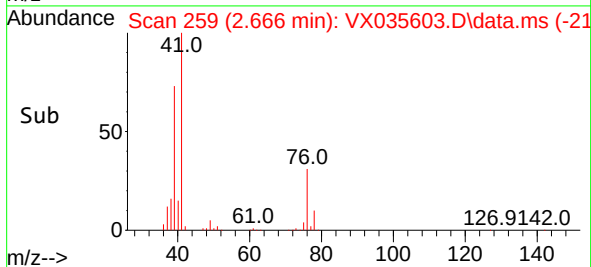
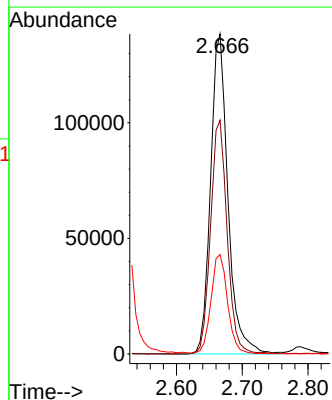
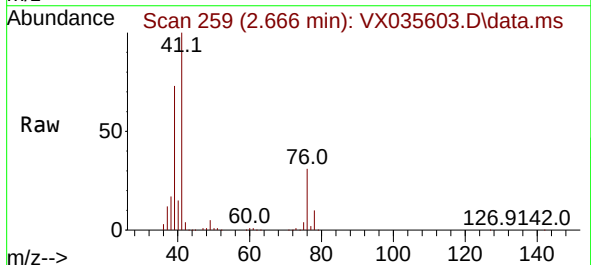
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

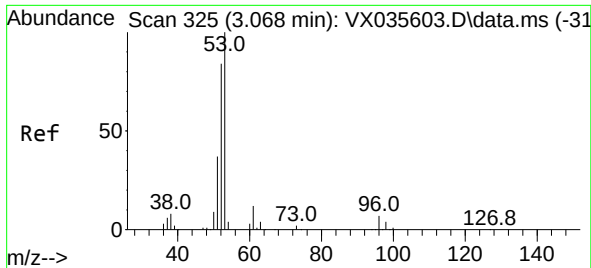
Tgt Ion: 56 Resp: 185429
Ion Ratio Lower Upper
56 100
55 71.7 56.6 85.0



#14
Allyl chloride
Concen: 46.957 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 41 Resp: 254749
Ion Ratio Lower Upper
41 100
39 69.9 52.4 78.6
76 29.8 26.0 39.0





#15

Acrylonitrile

Concen: 233.020 ug/l

RT: 3.068 min Scan# 31

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

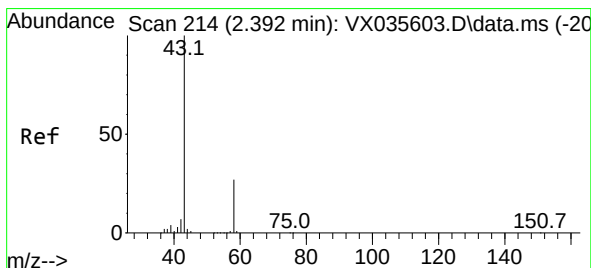
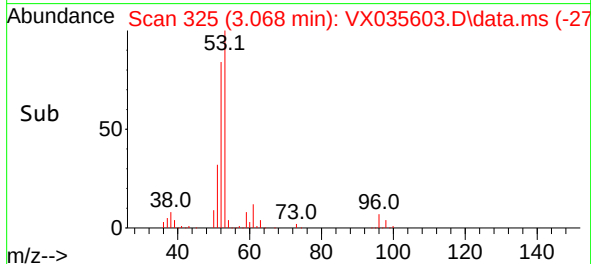
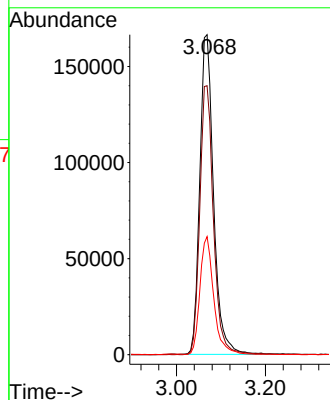
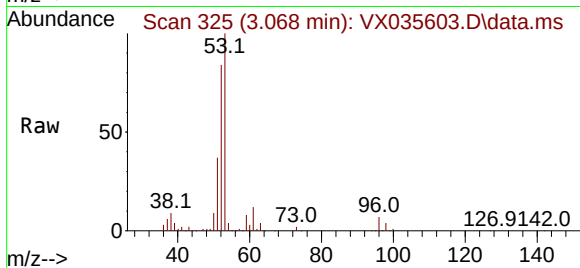
Tgt Ion: 53 Resp: 359125

Ion Ratio Lower Upper

53 100

52 83.5 66.2 99.2

51 36.8 28.3 42.5



#16

Acetone

Concen: 222.943 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX035603.D

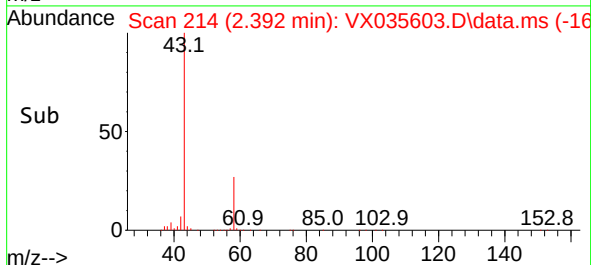
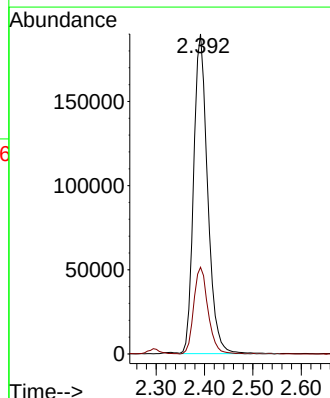
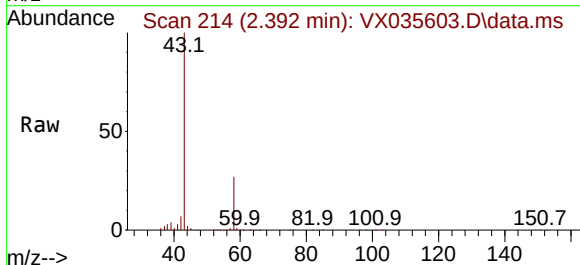
Acq: 11 May 2023 12:10

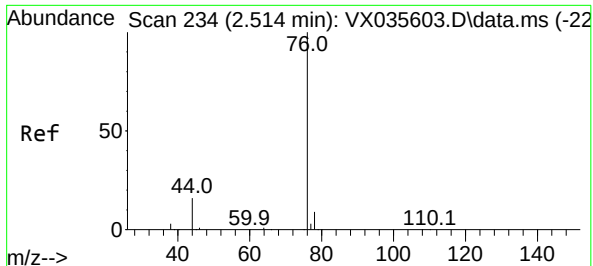
Tgt Ion: 43 Resp: 380122

Ion Ratio Lower Upper

43 100

58 27.1 24.7 37.1

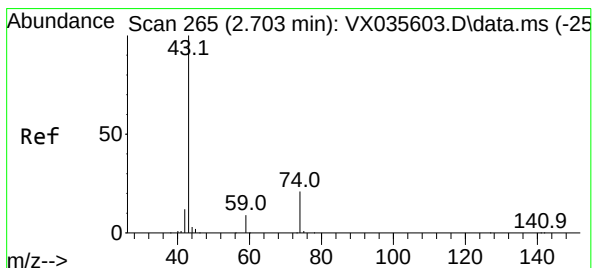
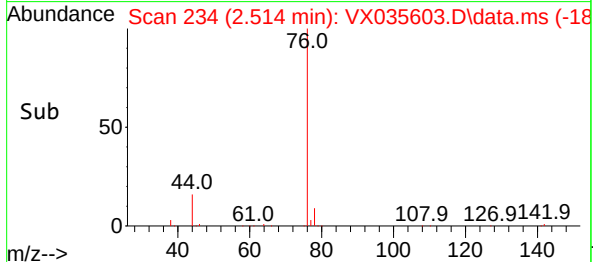
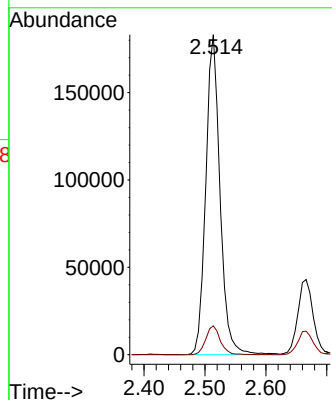
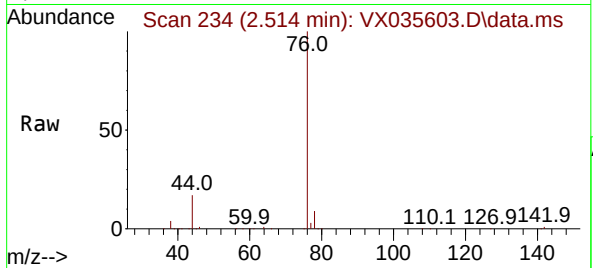




#17
Carbon Disulfide
Concen: 48.710 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

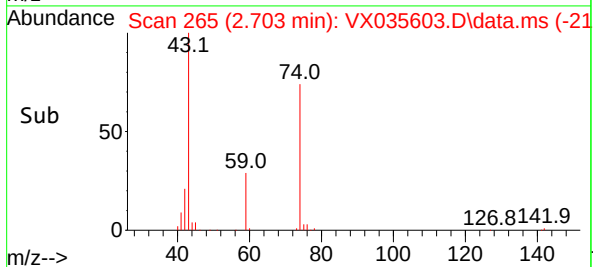
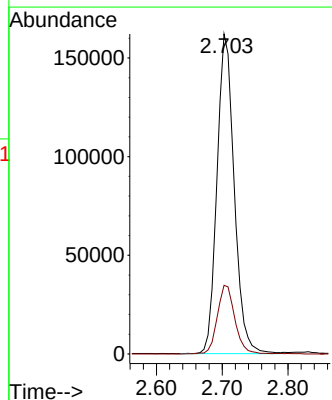
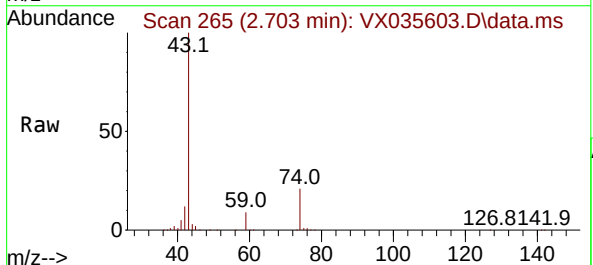
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

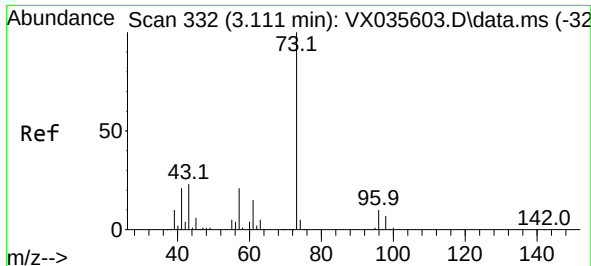
Tgt Ion: 76 Resp: 297698
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 47.076 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 43 Resp: 296018
Ion Ratio Lower Upper
43 100
74 22.0 18.3 27.5

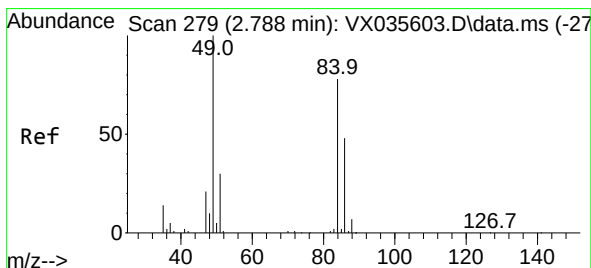
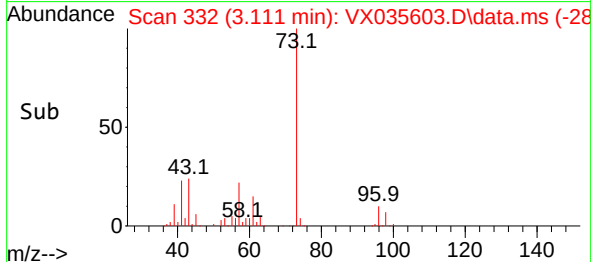
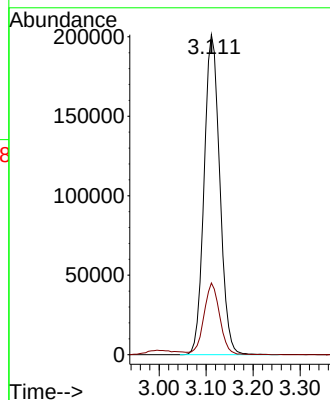
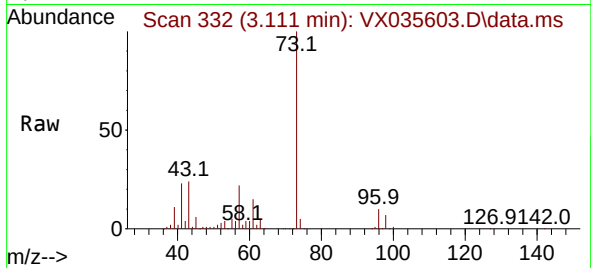




#19
Methyl tert-butyl Ether
Concen: 46.249 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

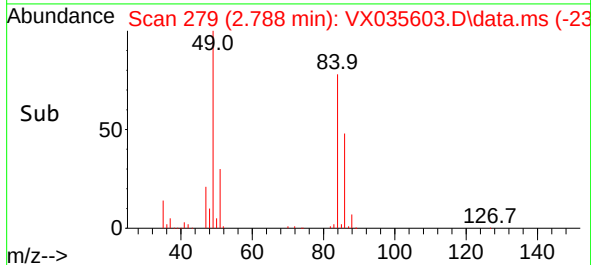
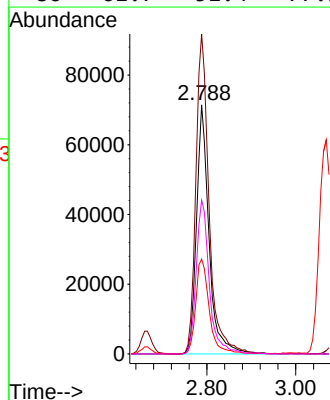
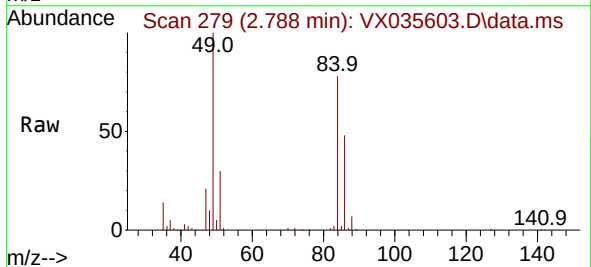
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

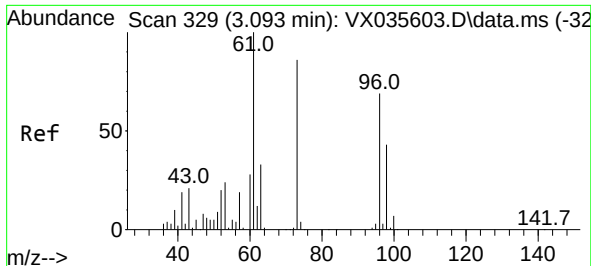
Tgt Ion: 73 Resp: 466054
Ion Ratio Lower Upper
73 100
57 22.3 18.5 27.7



#20
Methylene Chloride
Concen: 45.202 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 84 Resp: 139679
Ion Ratio Lower Upper
84 100
49 128.5 103.8 155.8
51 38.1 31.8 47.8
86 61.7 51.4 77.2

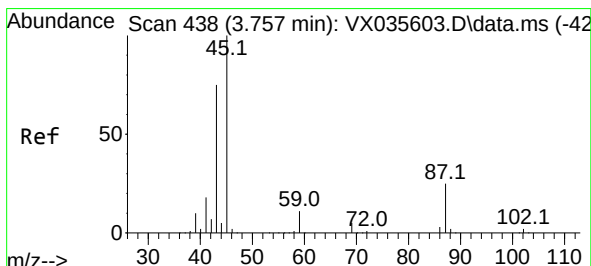
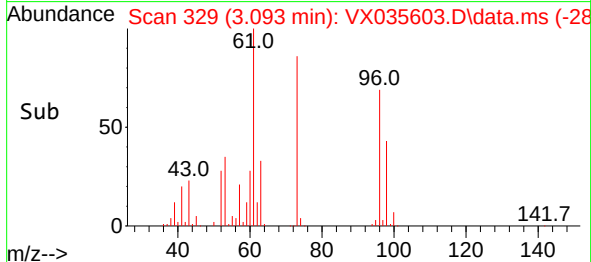
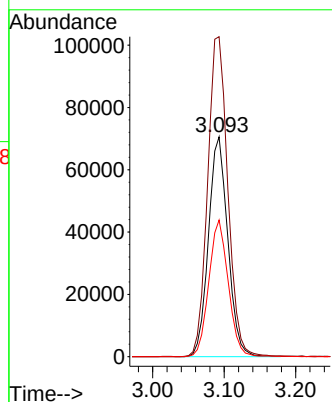
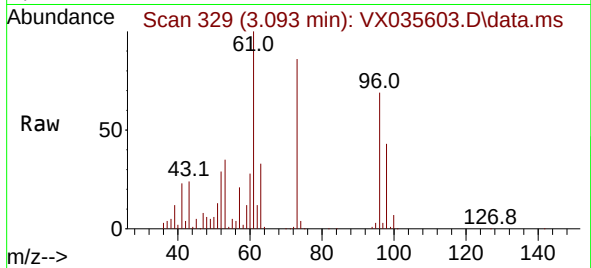




#21
trans-1,2-Dichloroethene
Concen: 47.784 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

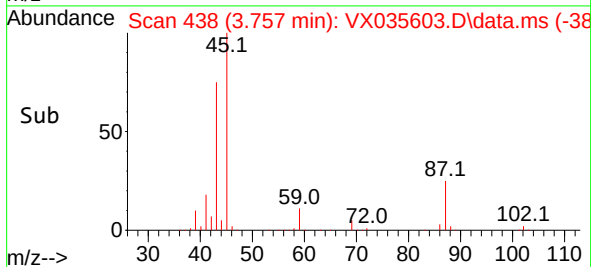
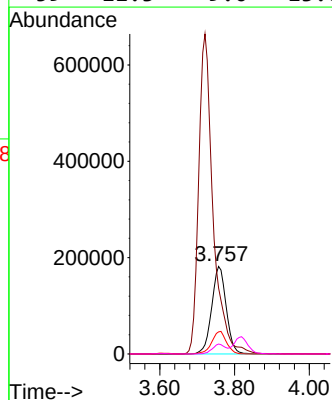
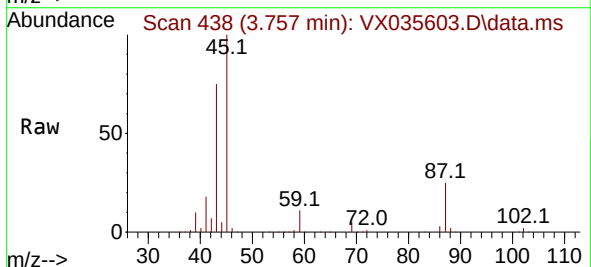
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

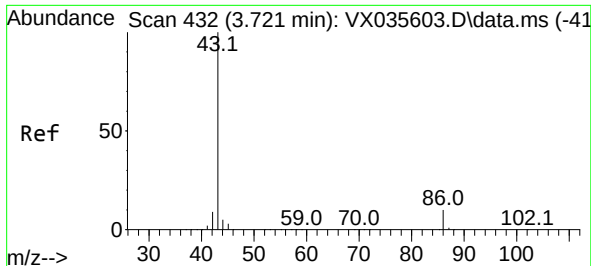
Tgt Ion: 96 Resp: 132593
Ion Ratio Lower Upper
96 100
61 145.6 113.0 169.6
98 62.2 52.1 78.1



#22
Diisopropyl ether
Concen: 45.992 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 45 Resp: 488538
Ion Ratio Lower Upper
45 100
43 75.3 65.4 98.2
87 25.3 20.6 31.0
59 11.3 9.0 13.6

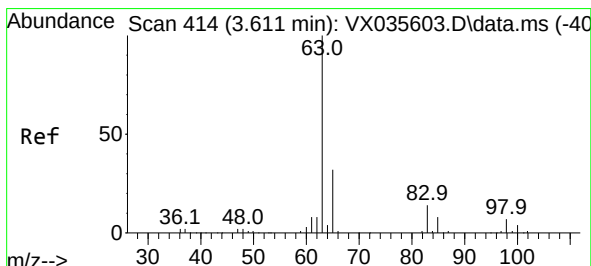
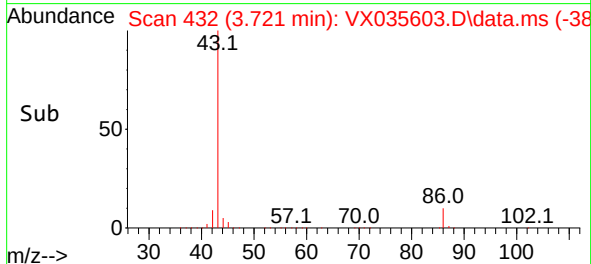
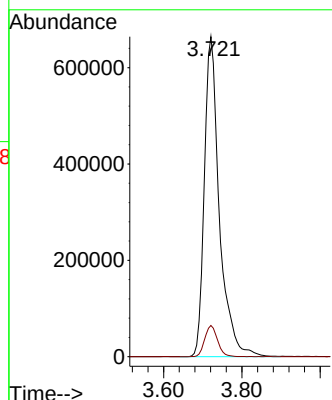
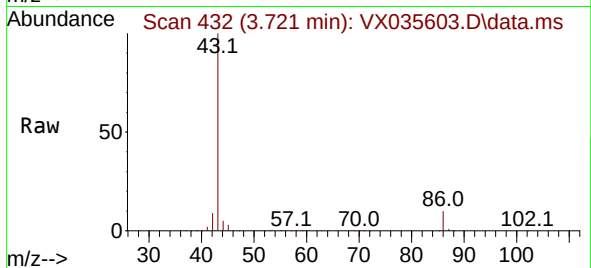




#23
 Vinyl Acetate
 Concen: 235.510 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

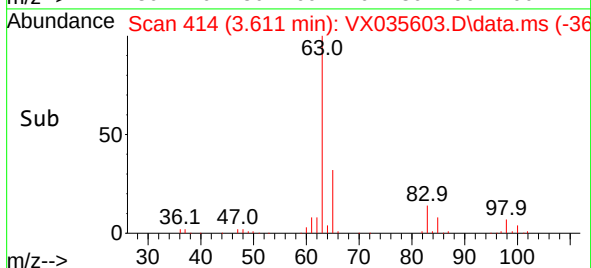
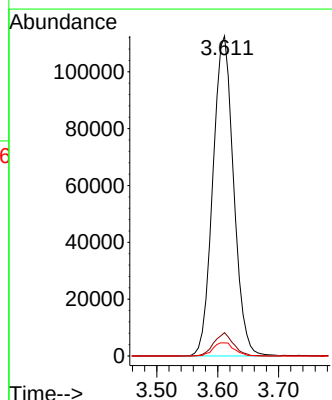
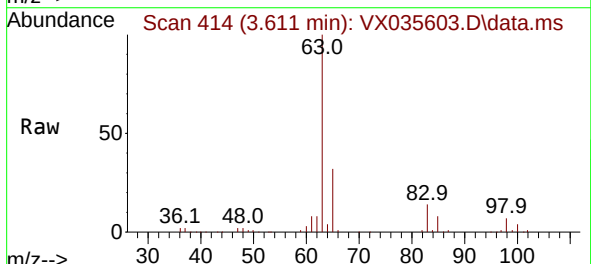
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

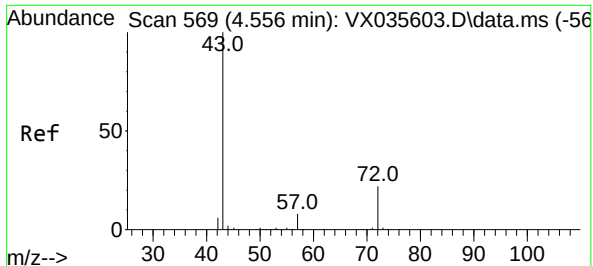
Tgt Ion: 43 Resp: 1770071
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 46.957 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

Tgt Ion: 63 Resp: 266757
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.2
 100 4.1 2.4 7.1

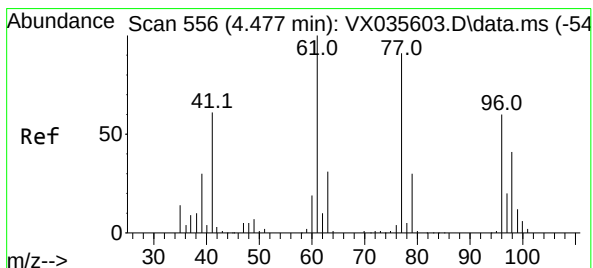
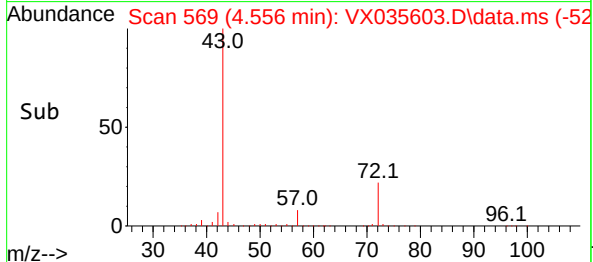
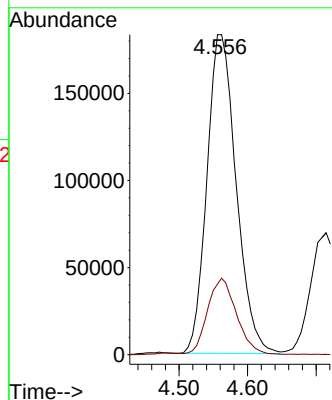
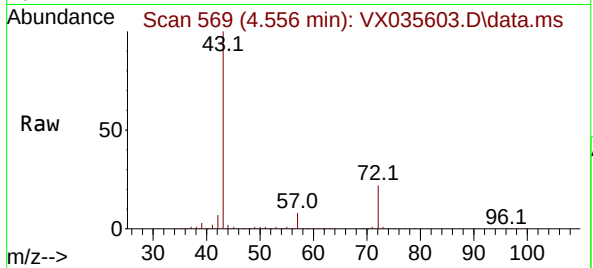




#25
2-Butanone
Concen: 230.164 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

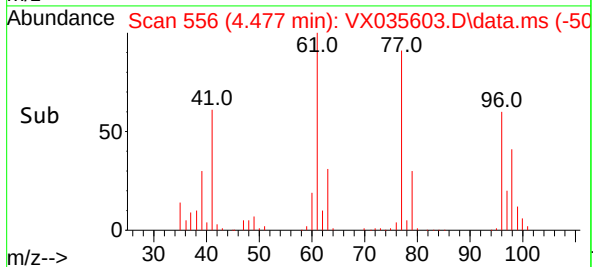
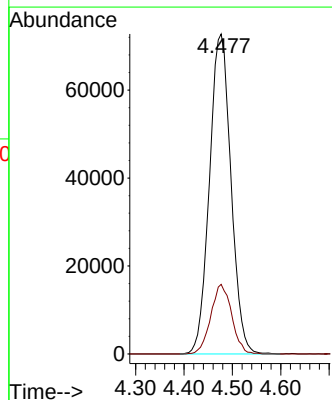
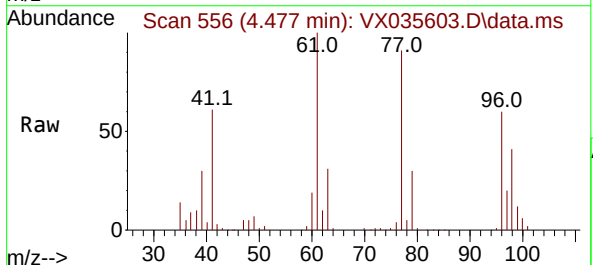
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

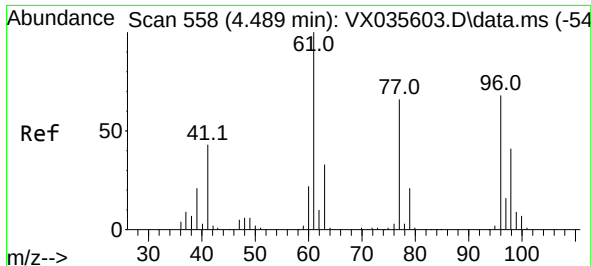
Tgt Ion: 43 Resp: 543255
Ion Ratio Lower Upper
43 100
72 22.0 19.3 28.9



#26
2,2-Dichloropropane
Concen: 46.680 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 77 Resp: 224566
Ion Ratio Lower Upper
77 100
97 21.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 46.596 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

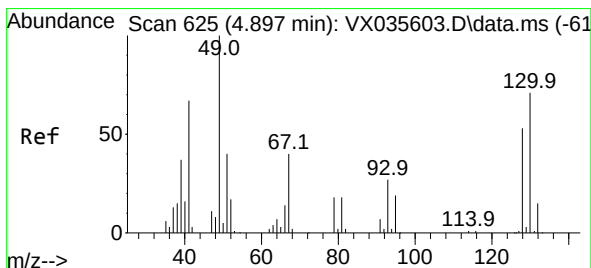
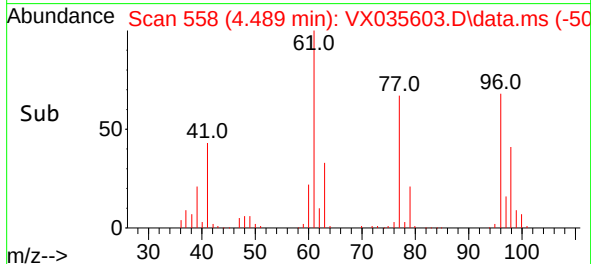
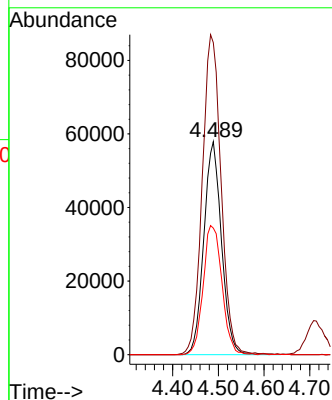
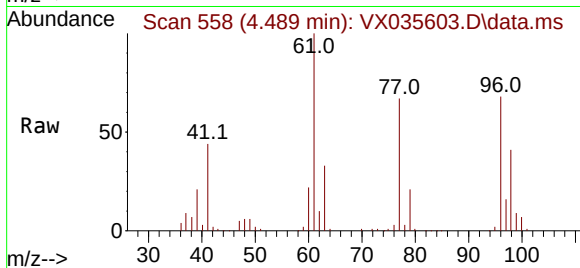
Tgt Ion: 96 Resp: 155433

Ion Ratio Lower Upper

96 100

61 159.7 0.0 300.4

98 64.5 0.0 129.0



#28

Bromochloromethane

Concen: 41.737 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

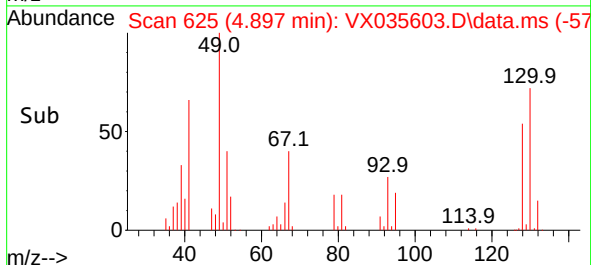
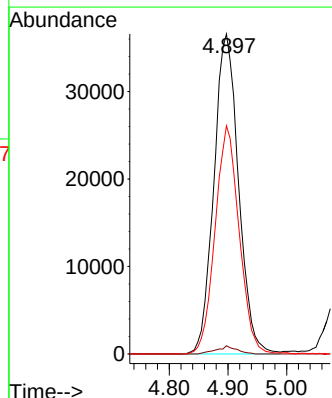
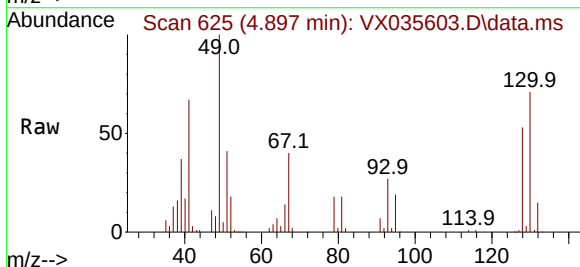
Tgt Ion: 49 Resp: 106649

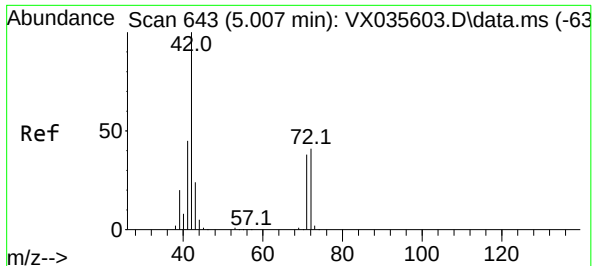
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.0

130 69.4 58.2 87.2





#29

Tetrahydrofuran

Concen: 228.962 ug/l

RT: 5.007 min Scan# 643

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

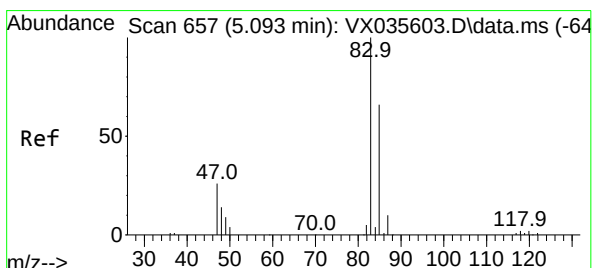
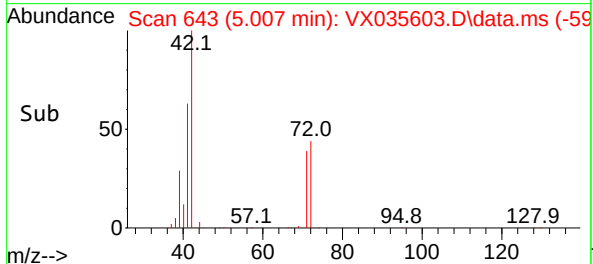
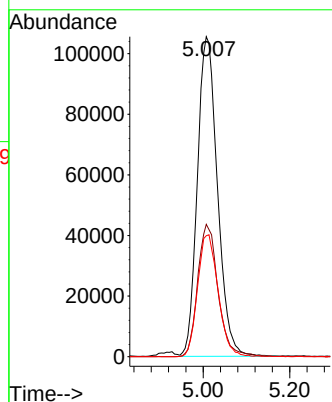
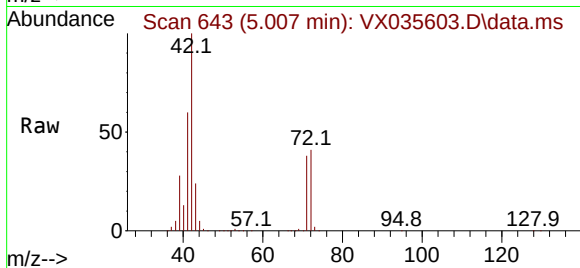
Tgt Ion: 42 Resp: 339690

Ion Ratio Lower Upper

42 100

72 42.1 34.5 51.7

71 39.0 32.1 48.1



#30

Chloroform

Concen: 46.501 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.000 min

Lab File: VX035603.D

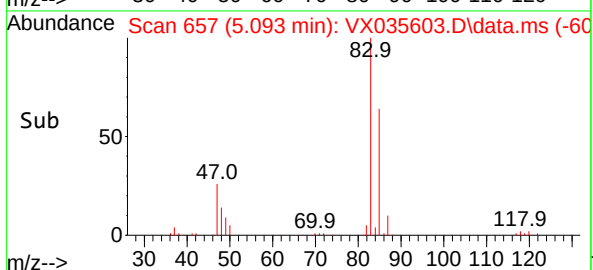
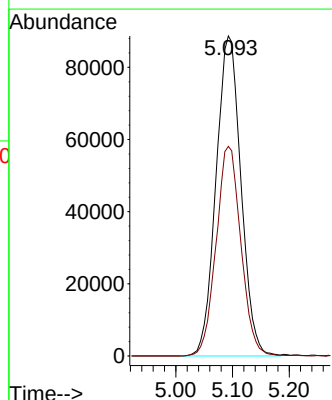
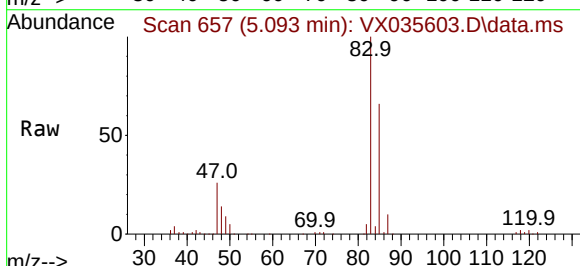
Acq: 11 May 2023 12:10

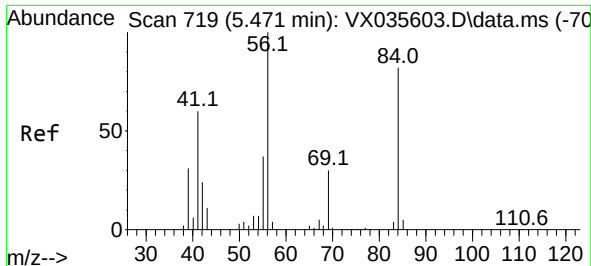
Tgt Ion: 83 Resp: 270696

Ion Ratio Lower Upper

83 100

85 65.5 50.6 76.0

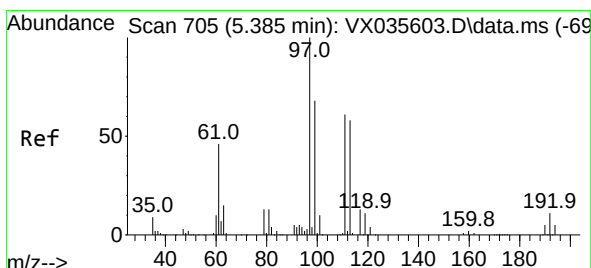
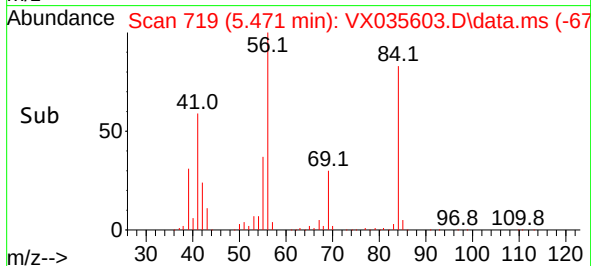
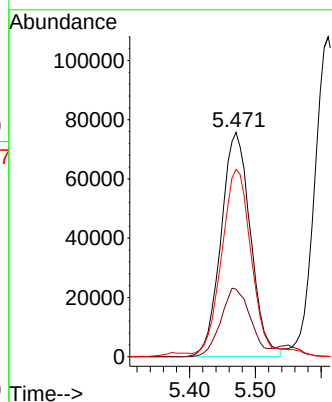
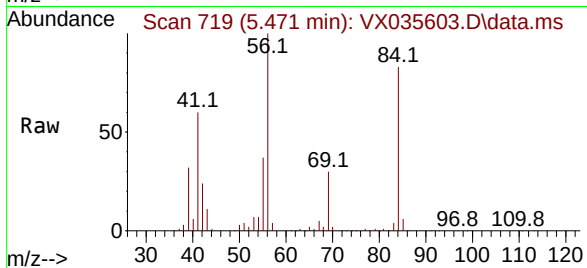




#31
Cyclohexane
Concen: 47.000 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

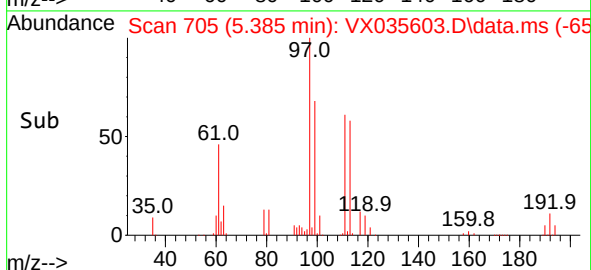
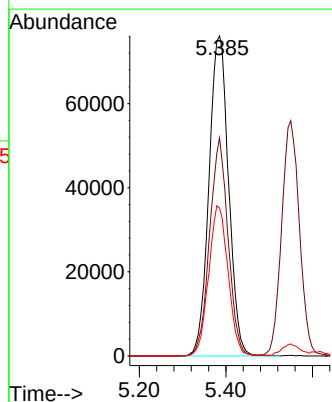
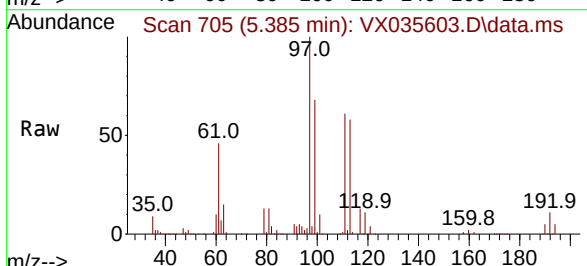
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

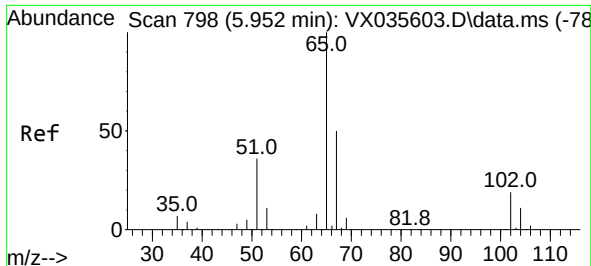
Tgt Ion: 56 Resp: 235567
Ion Ratio Lower Upper
56 100
69 30.1 23.7 35.5
84 81.8 68.5 102.7



#32
1,1,1-Trichloroethane
Concen: 47.161 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 97 Resp: 238870
Ion Ratio Lower Upper
97 100
99 64.2 51.1 76.7
61 46.7 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 46.970 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

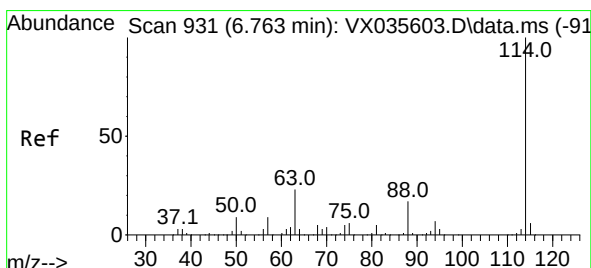
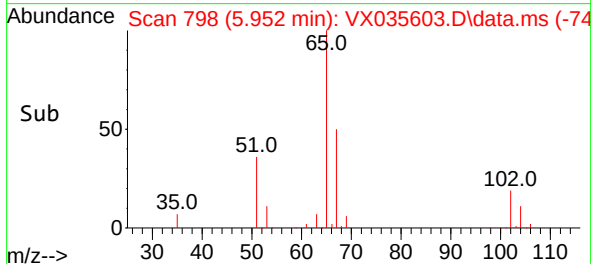
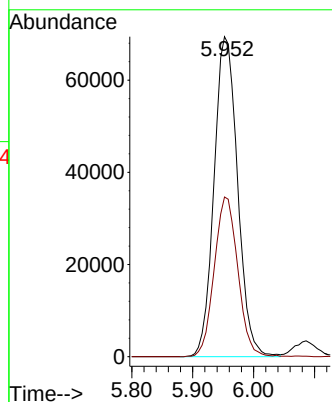
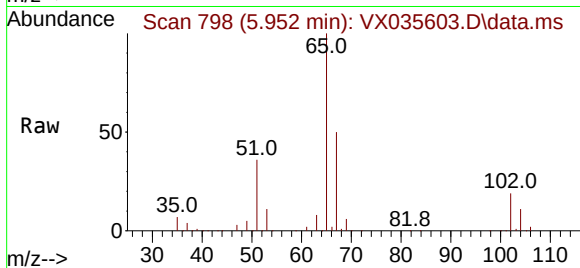
VSTDICCC050

Tgt Ion: 65 Resp: 186331

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

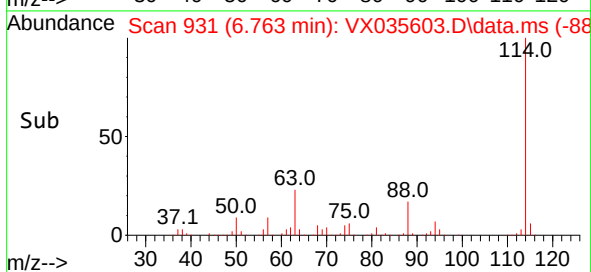
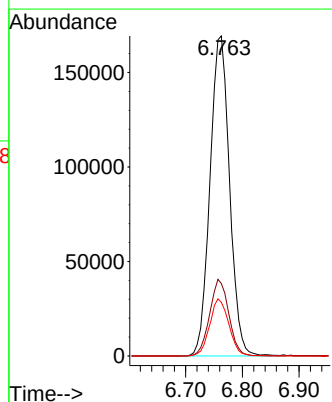
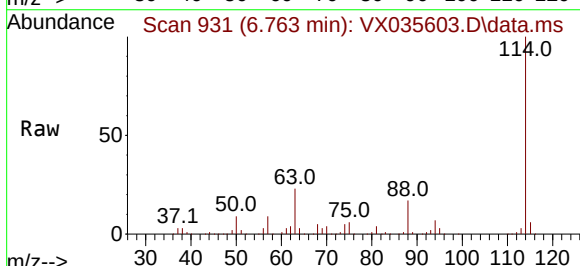
Tgt Ion: 114 Resp: 405723

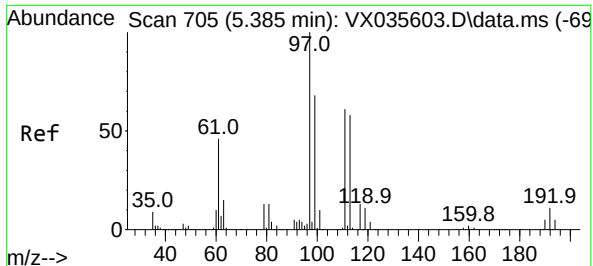
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.8 0.0 33.2

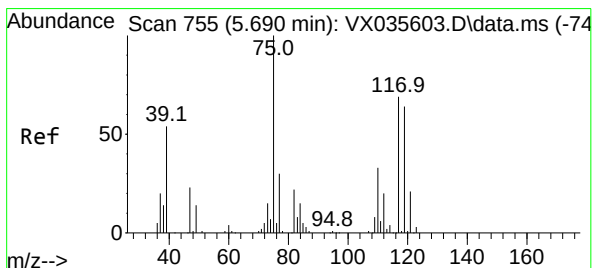
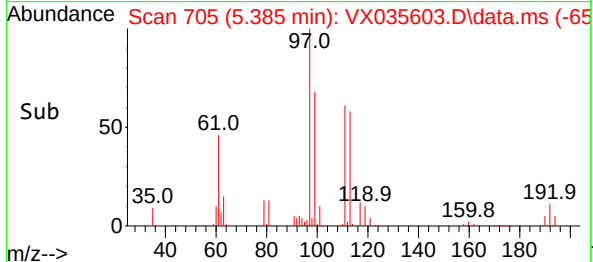
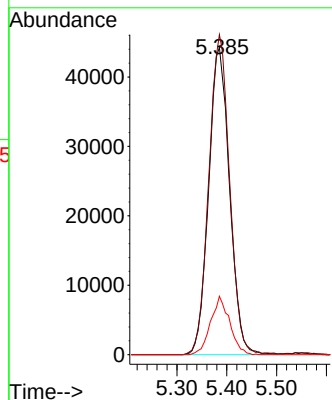
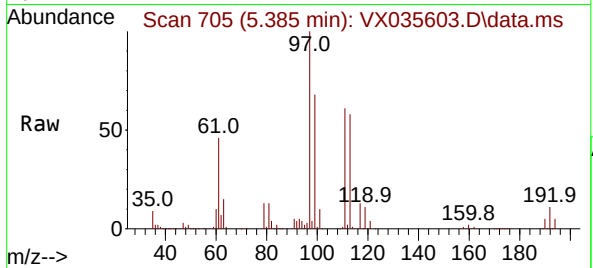




#35
Dibromofluoromethane
Concen: 47.138 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

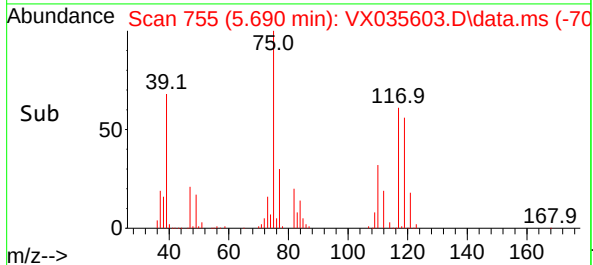
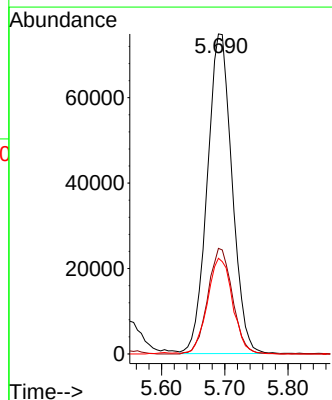
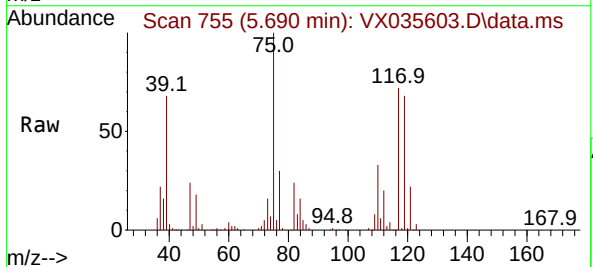
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

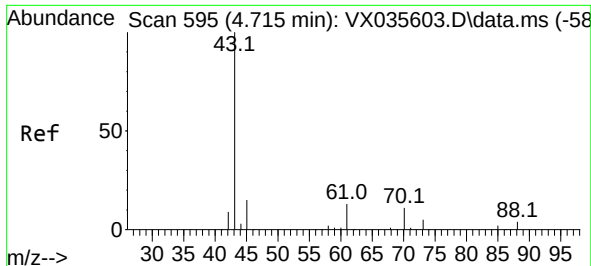
Tgt Ion:113 Resp: 128978
Ion Ratio Lower Upper
113 100
111 103.3 83.7 125.5
192 17.4 15.4 23.2



#36
1,1-Dichloropropene
Concen: 47.147 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 75 Resp: 203626
Ion Ratio Lower Upper
75 100
110 32.9 17.5 52.5
77 30.5 24.3 36.5





#37

Ethyl Acetate

Concen: 46.863 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

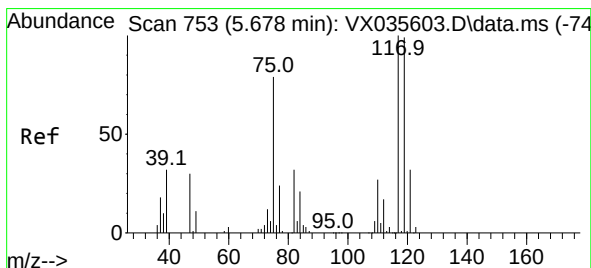
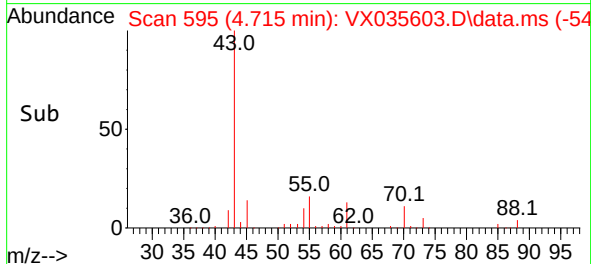
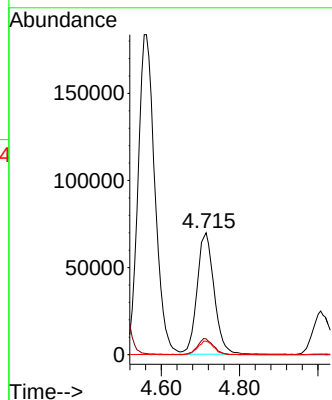
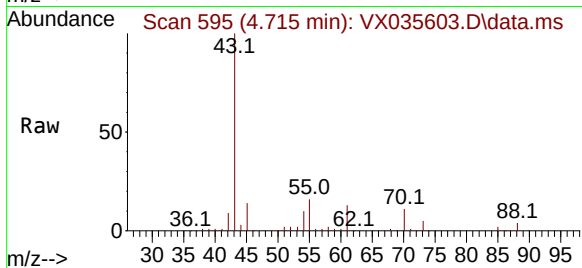
Tgt Ion: 43 Resp: 211108

Ion Ratio Lower Upper

43 100

61 12.6 10.2 15.4

70 10.6 8.2 12.4



#38

Carbon Tetrachloride

Concen: 47.549 ug/l

RT: 5.678 min Scan# 753

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

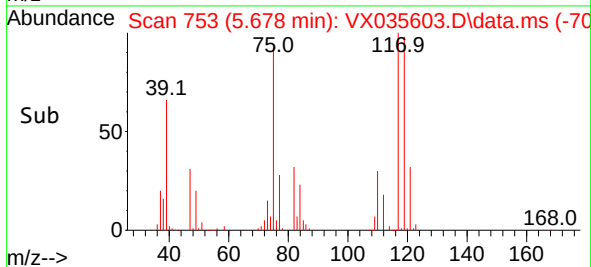
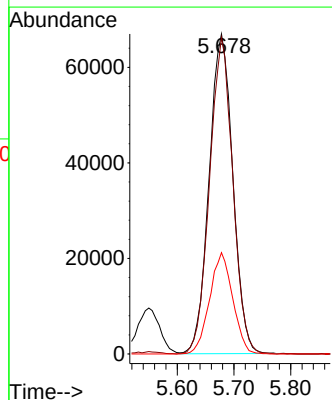
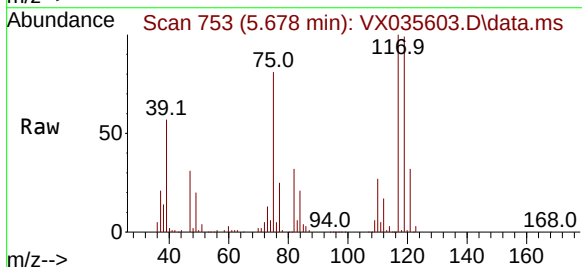
Tgt Ion: 117 Resp: 194538

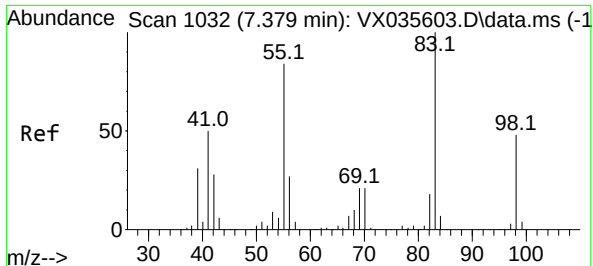
Ion Ratio Lower Upper

117 100

119 98.9 76.6 114.8

121 31.7 23.8 35.6





#39

Methylcyclohexane

Concen: 47.231 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

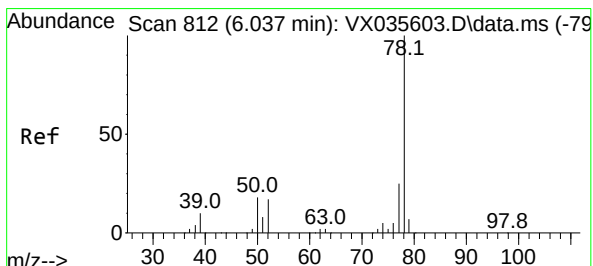
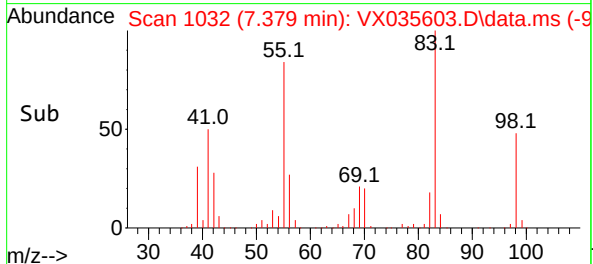
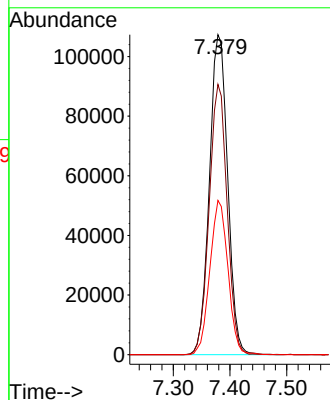
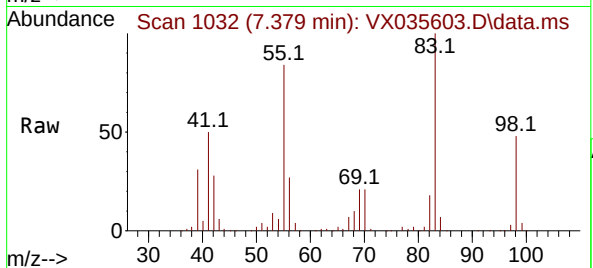
Tgt Ion: 83 Resp: 240122

Ion Ratio Lower Upper

83 100

55 84.5 60.5 90.7

98 48.2 40.4 60.6



#40

Benzene

Concen: 45.948 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX035603.D

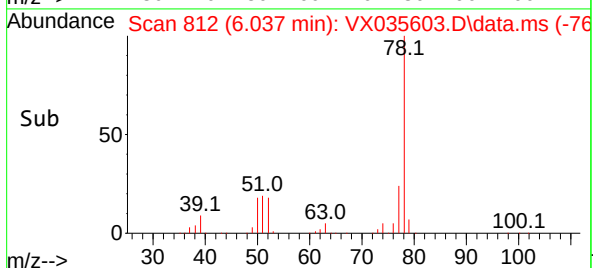
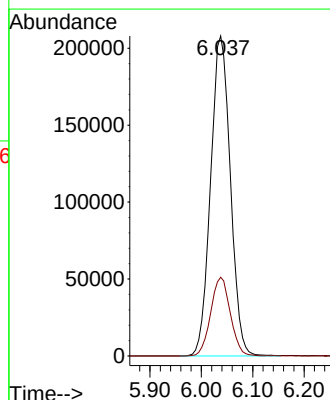
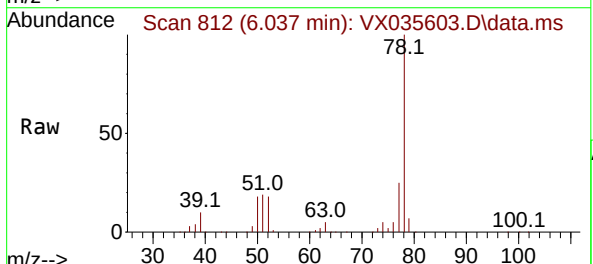
Acq: 11 May 2023 12:10

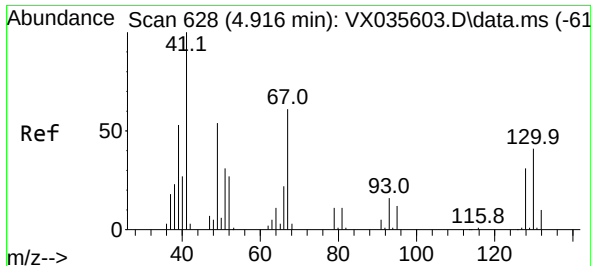
Tgt Ion: 78 Resp: 555155

Ion Ratio Lower Upper

78 100

77 24.6 19.0 28.4

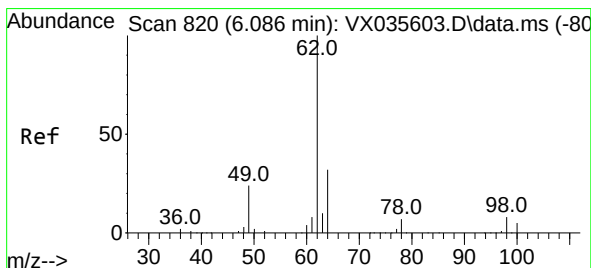
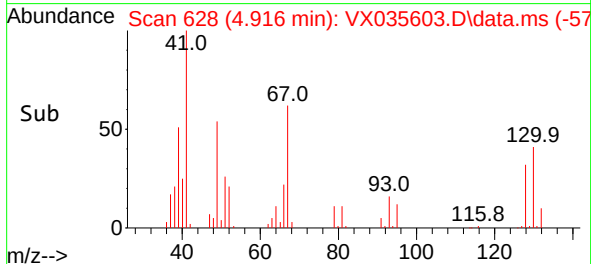
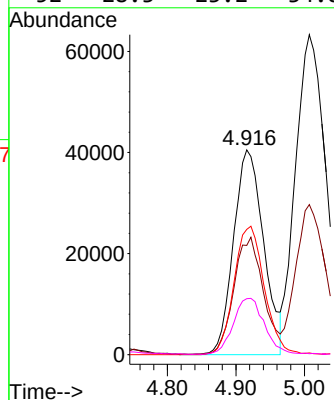
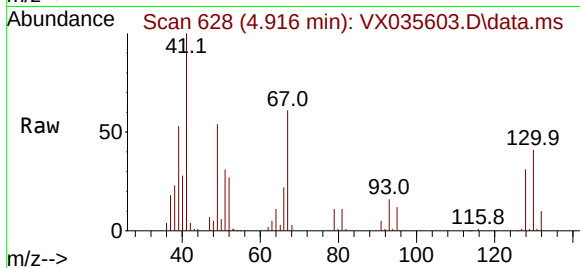




#41
Methacrylonitrile
Concen: 46.365 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

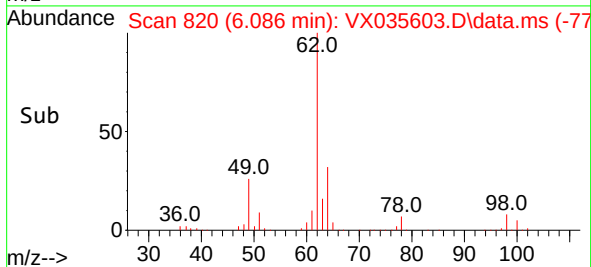
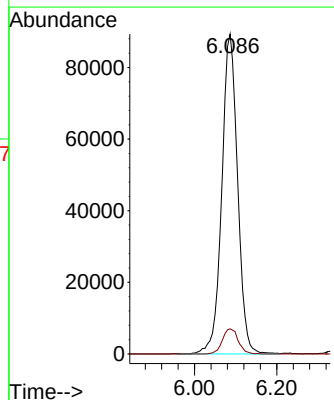
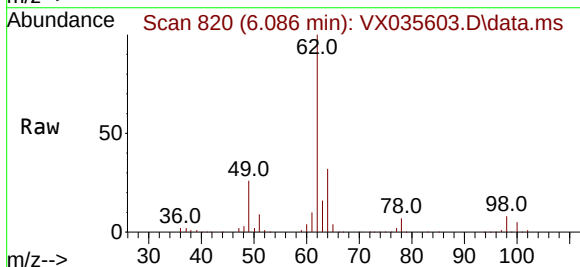
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

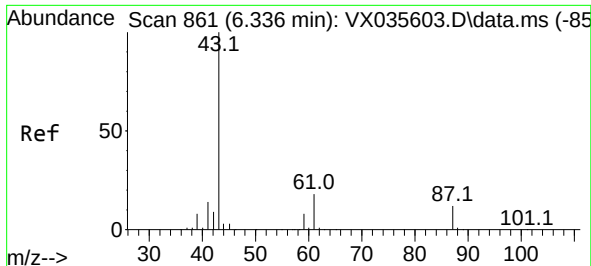
Tgt Ion:	41	Resp:	124011
Ion	Ratio	Lower	Upper
41	100		
39	56.2	45.0	67.6
67	63.3	55.6	83.4
52	28.3	23.2	34.8



#42
1,2-Dichloroethane
Concen: 45.924 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion:	62	Resp:	238688
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.0





#43

Isopropyl Acetate

Concen: 46.177 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

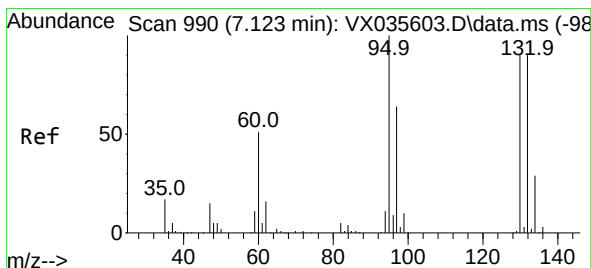
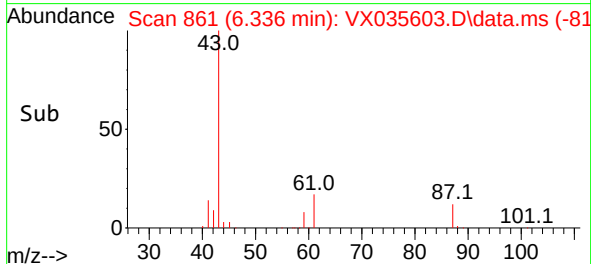
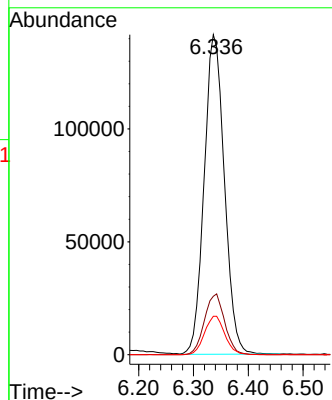
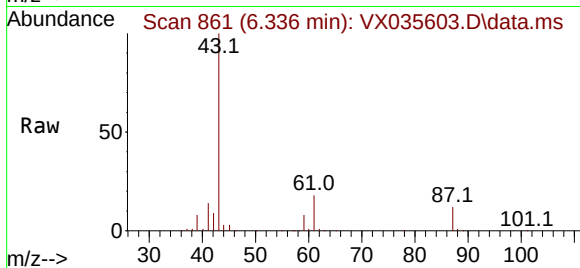
Tgt Ion: 43 Resp: 362739

Ion Ratio Lower Upper

43 100

61 19.0 15.2 22.8

87 12.0 9.8 14.8



#44

Trichloroethene

Concen: 45.931 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX035603.D

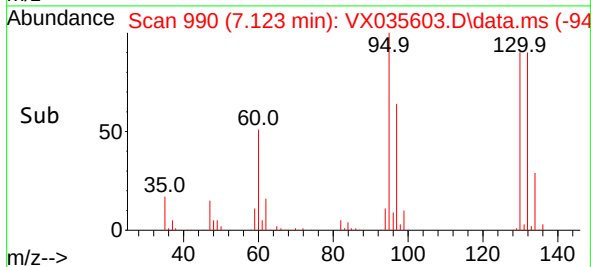
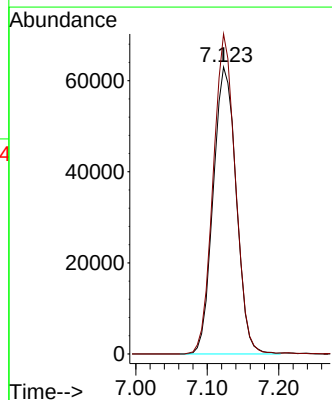
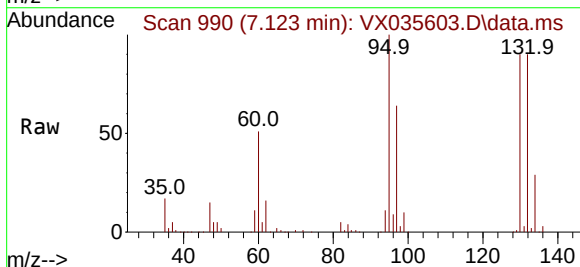
Acq: 11 May 2023 12:10

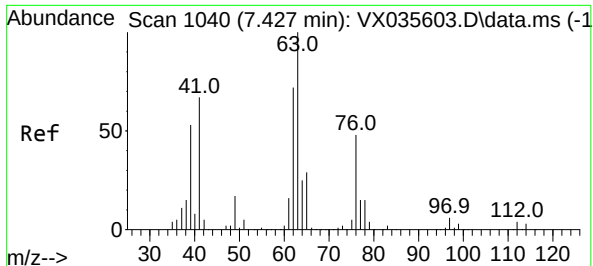
Tgt Ion:130 Resp: 140714

Ion Ratio Lower Upper

130 100

95 111.5 0.0 198.4





#45

1,2-Dichloropropane

Concen: 46.726 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

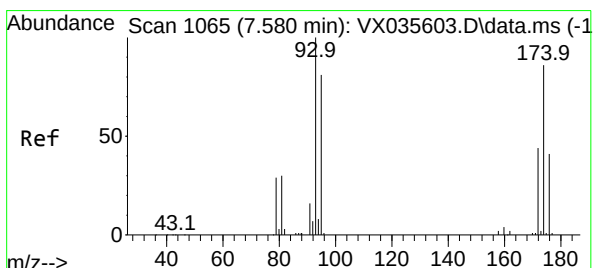
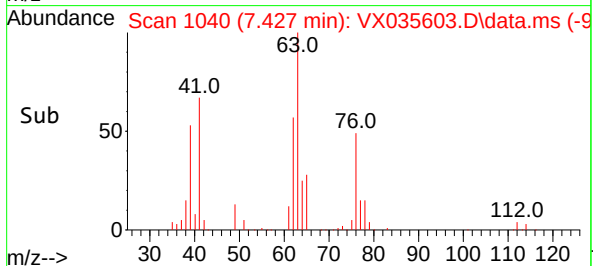
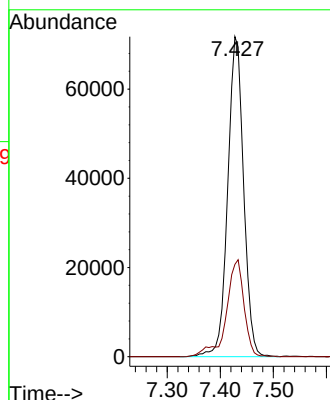
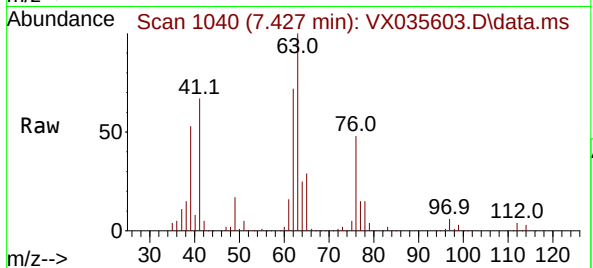
VSTDICCC050

Tgt Ion: 63 Resp: 149523

Ion Ratio Lower Upper

63 100

65 28.9 24.6 37.0



#46

Dibromomethane

Concen: 46.924 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

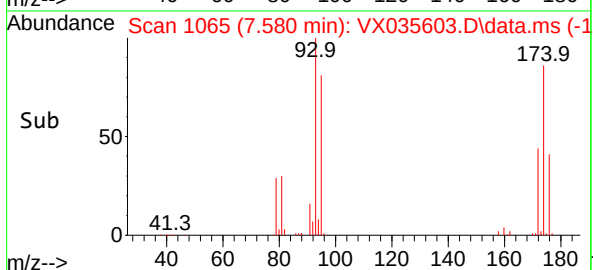
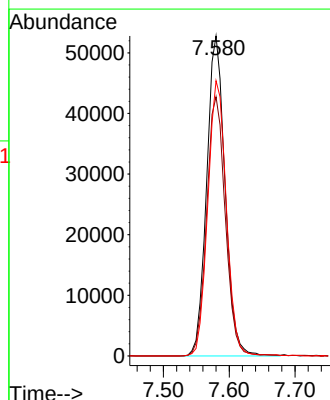
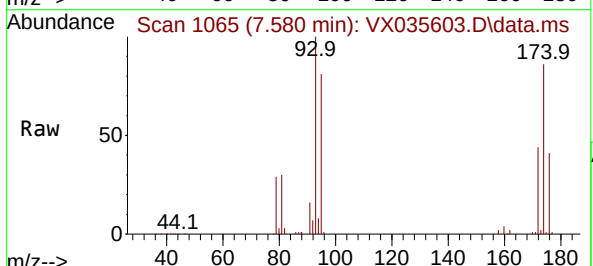
Tgt Ion: 93 Resp: 102783

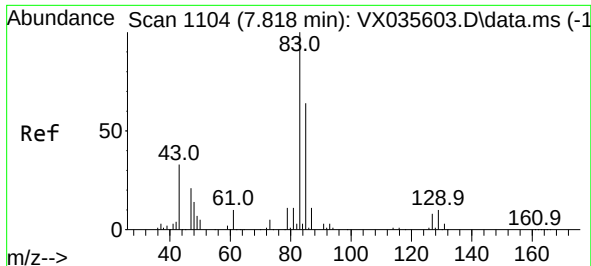
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 86.8 75.4 113.0

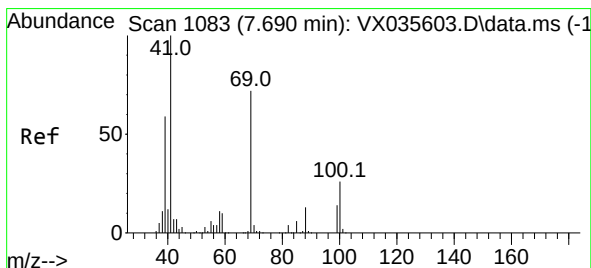
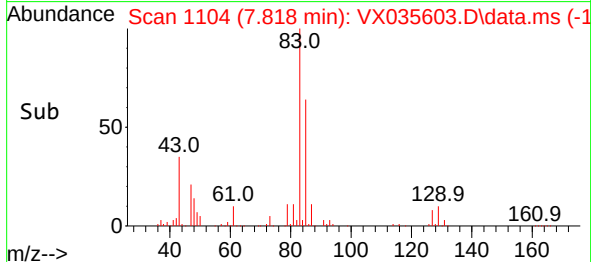
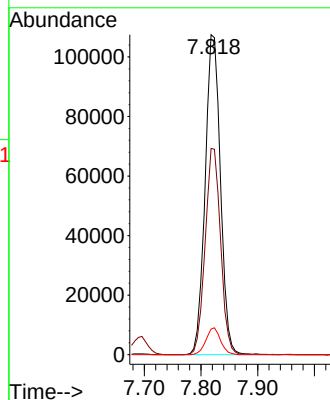
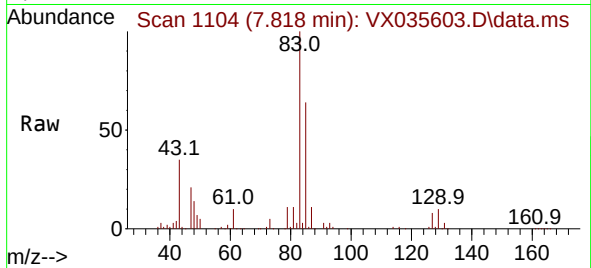




#47
Bromodichloromethane
Concen: 47.570 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

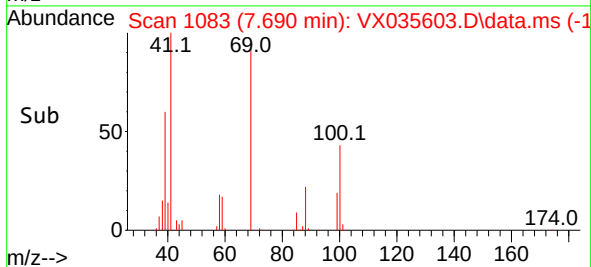
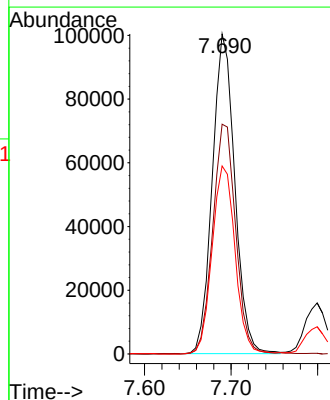
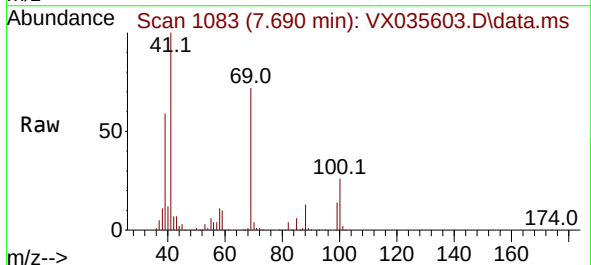
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

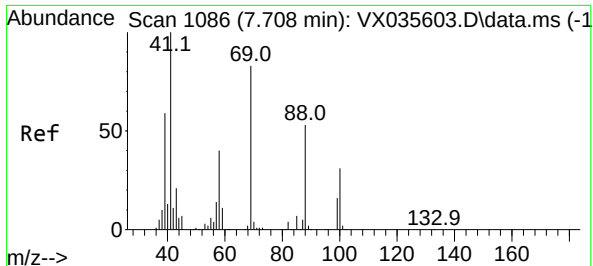
Tgt Ion: 83 Resp: 201400
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4
127 8.0 6.6 9.8



#48
Methyl methacrylate
Concen: 46.658 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 41 Resp: 180882
Ion Ratio Lower Upper
41 100
69 73.4 62.2 93.4
39 60.2 47.7 71.5





#49

1,4-Dioxane

Concen: 881.166 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

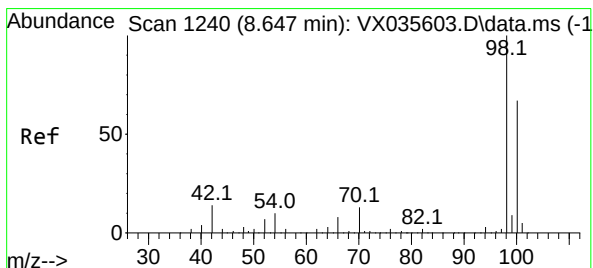
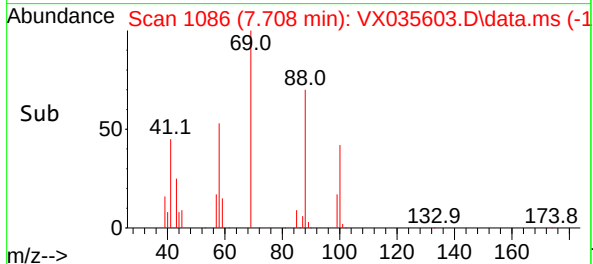
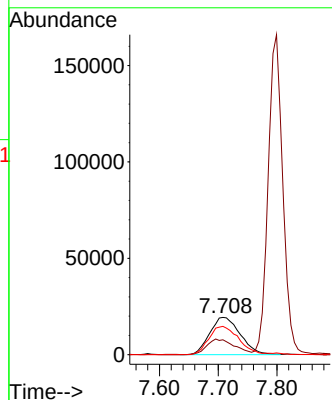
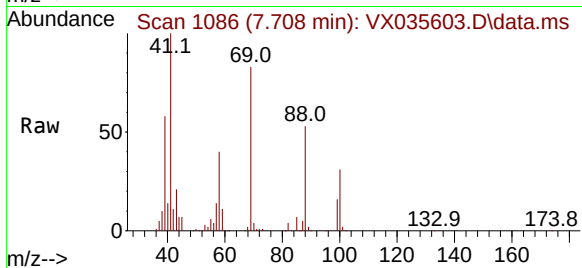
Tgt Ion: 88 Resp: 69907

Ion Ratio Lower Upper

88 100

43 37.5 27.7 41.5

58 74.2 56.8 85.2



#50

Toluene-d8

Concen: 47.485 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035603.D

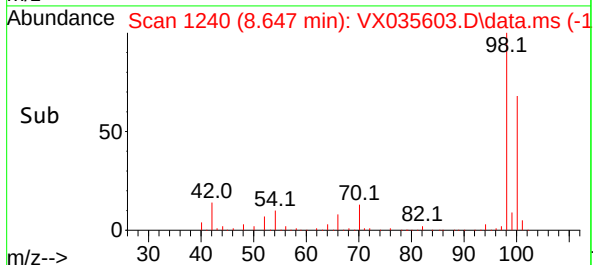
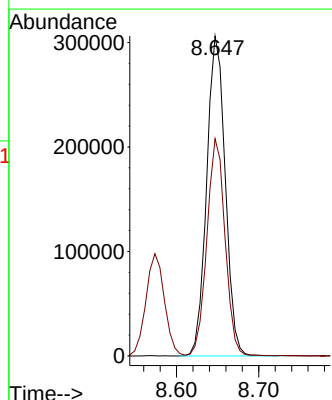
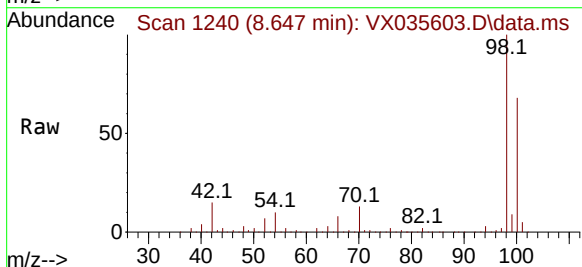
Acq: 11 May 2023 12:10

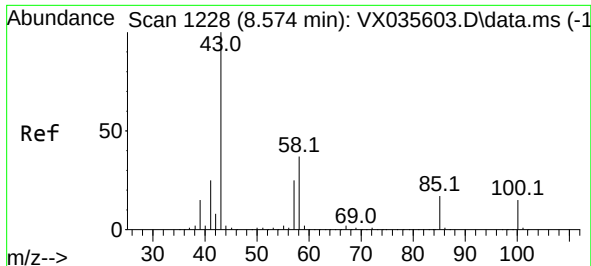
Tgt Ion: 98 Resp: 479985

Ion Ratio Lower Upper

98 100

100 66.4 52.5 78.7

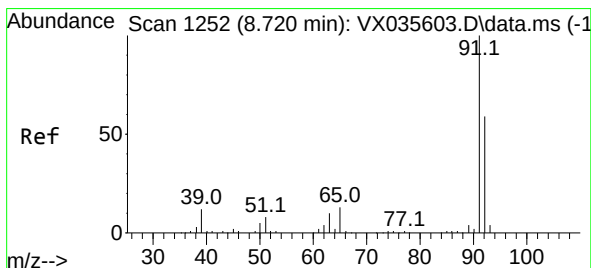
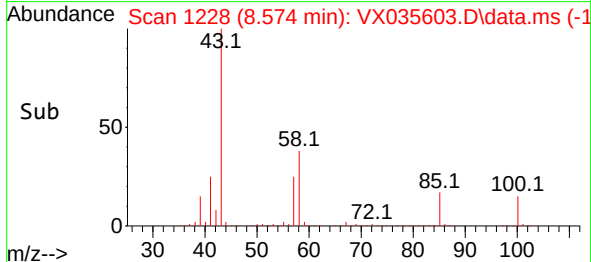
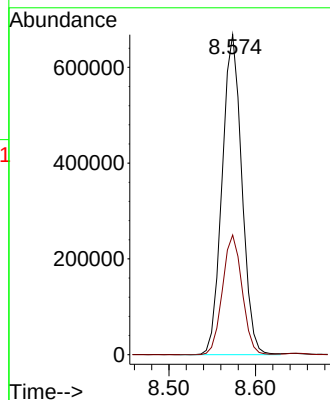
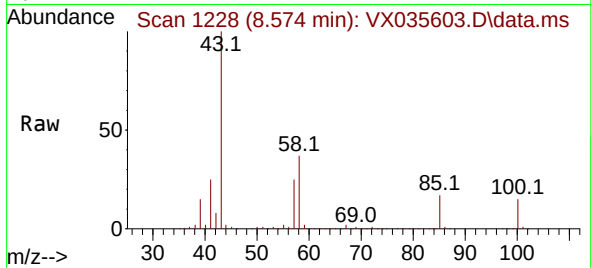




#51
4-Methyl-2-Pentanone
Concen: 233.209 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

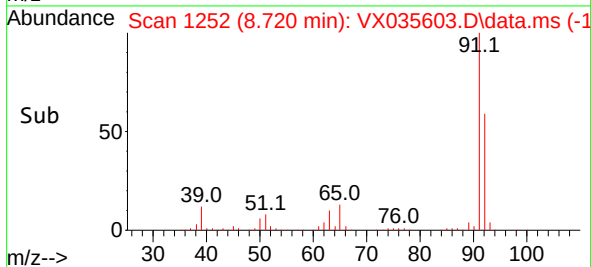
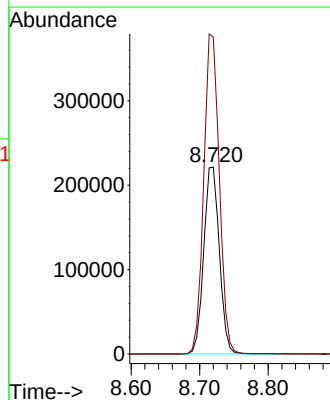
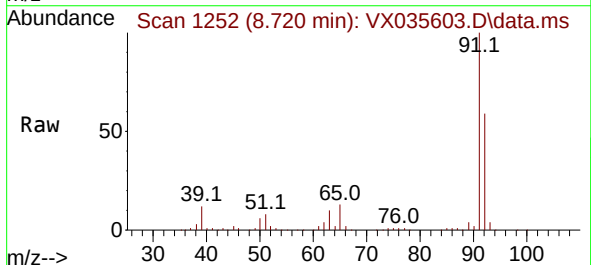
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

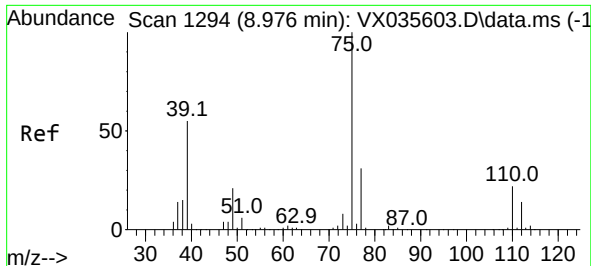
Tgt Ion: 43 Resp: 1055395
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0



#52
Toluene
Concen: 46.043 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 92 Resp: 351164
Ion Ratio Lower Upper
92 100
91 171.0 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 49.177 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

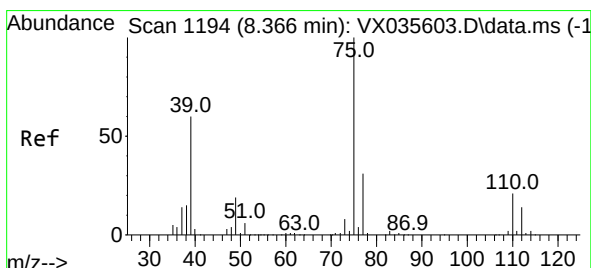
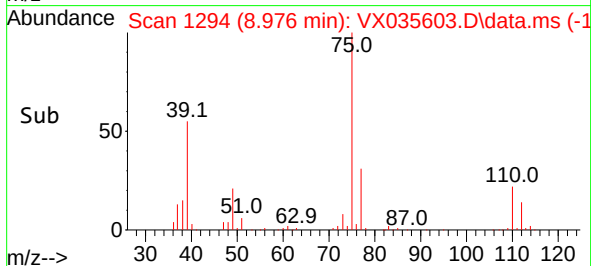
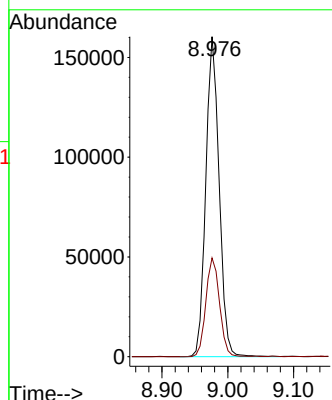
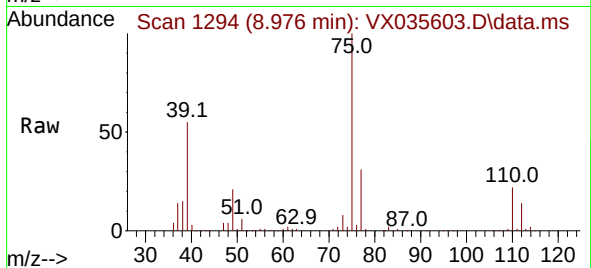
VSTDICCC050

Tgt Ion: 75 Resp: 226199

Ion Ratio Lower Upper

75 100

77 30.9 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 48.918 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

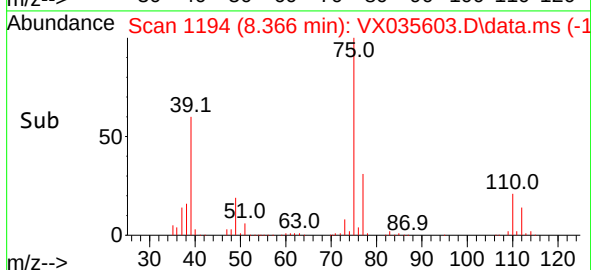
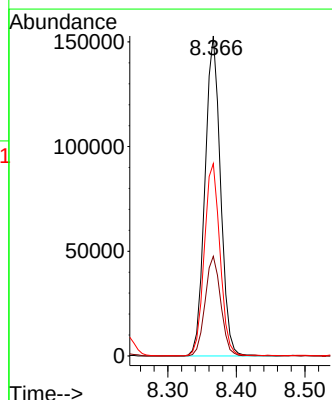
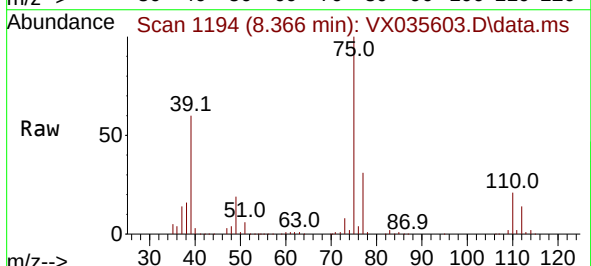
Tgt Ion: 75 Resp: 241076

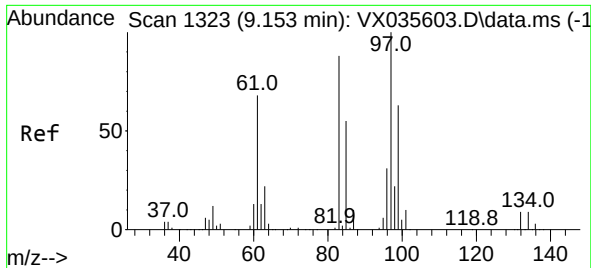
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 60.0 44.6 66.8



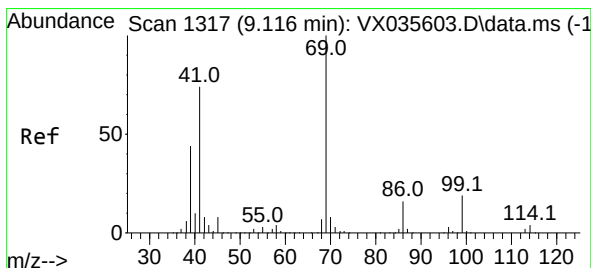
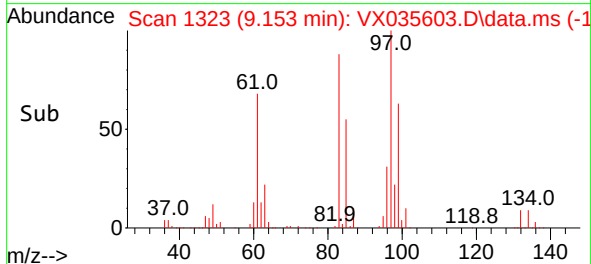
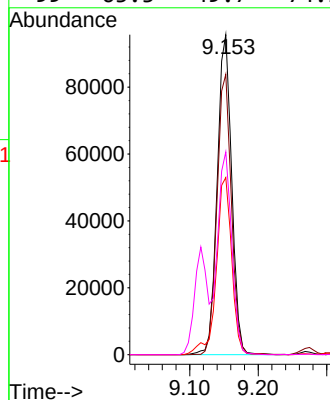
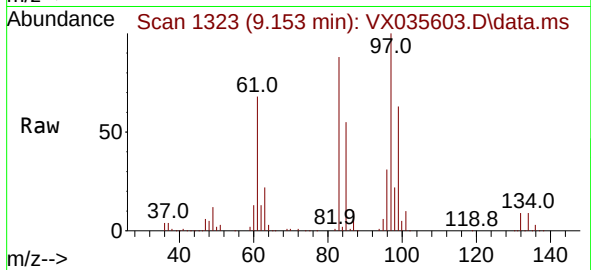


#55
1,1,2-Trichloroethane
Concen: 46.708 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 139918

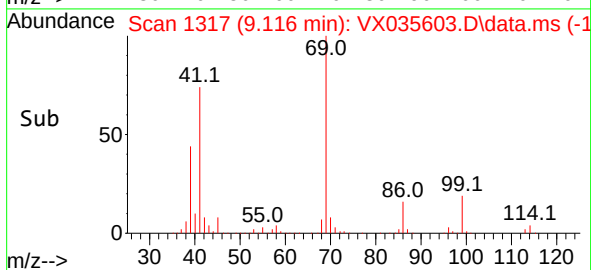
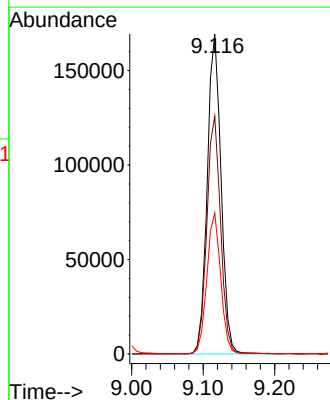
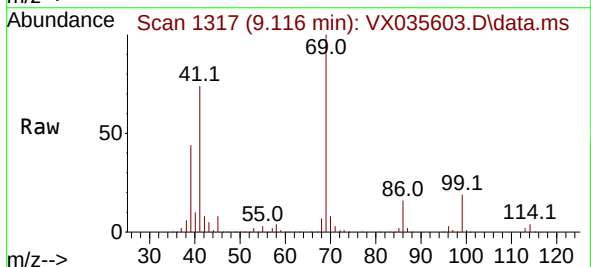
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.7	104.5
85	55.4	43.7	65.5
99	63.3	49.7	74.5

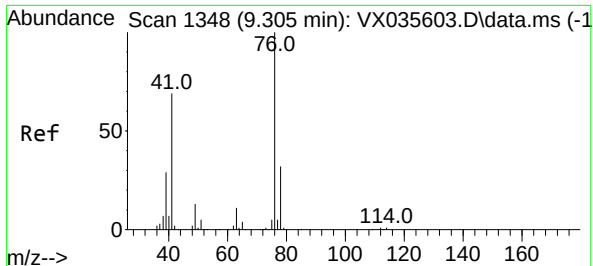


#56
Ethyl methacrylate
Concen: 46.924 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 69 Resp: 227633

Ion	Ratio	Lower	Upper
69	100		
41	74.0	57.4	86.0
39	44.1	33.7	50.5





#57

1,3-Dichloropropane

Concen: 46.278 ug/l

RT: 9.305 min Scan# 11348

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

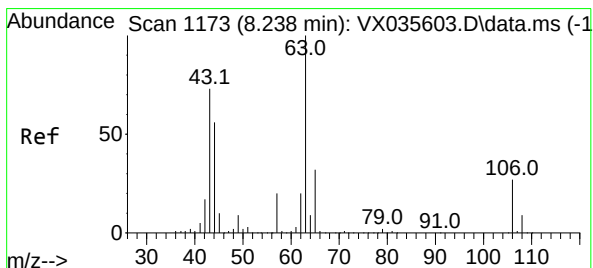
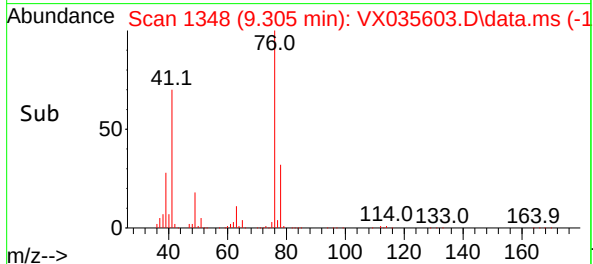
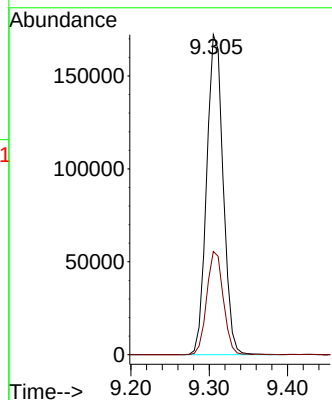
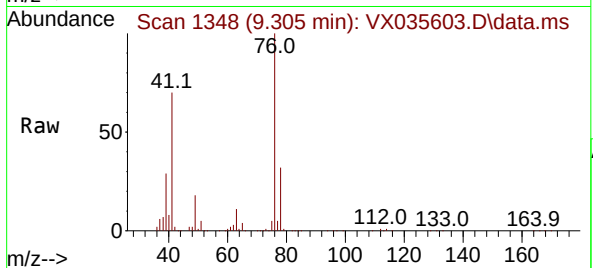
VSTDICCC050

Tgt Ion: 76 Resp: 251306

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 241.454 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX035603.D

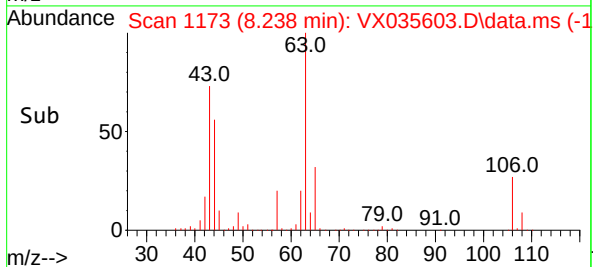
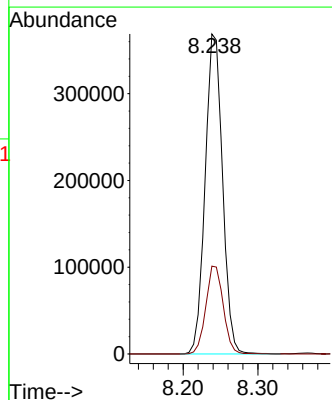
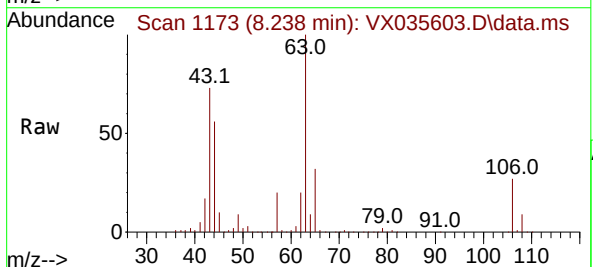
Acq: 11 May 2023 12:10

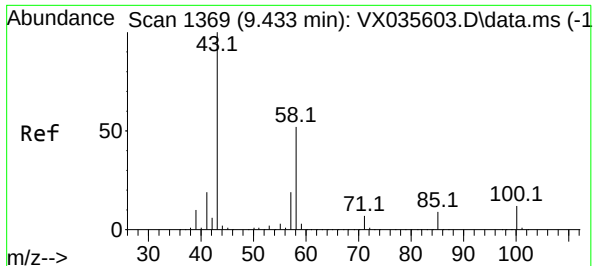
Tgt Ion: 63 Resp: 595863

Ion Ratio Lower Upper

63 100

106 27.5 22.2 33.2

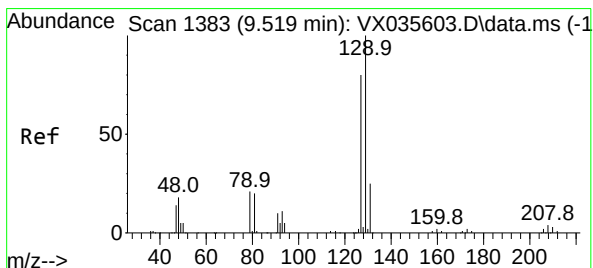
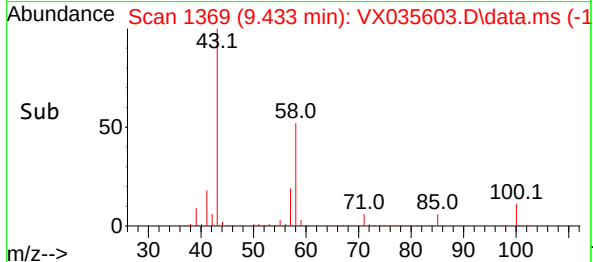
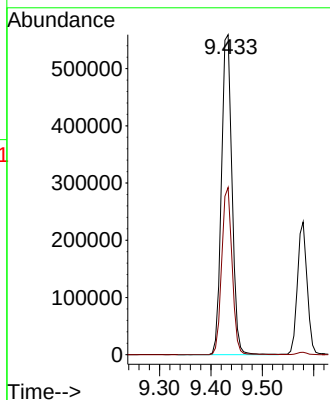
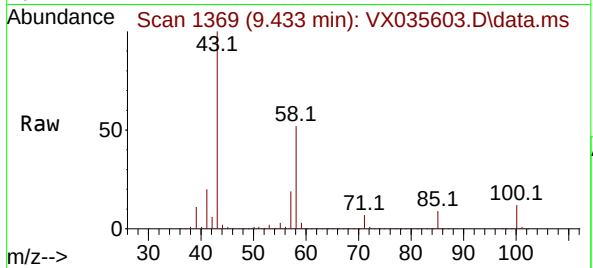




#59
2-Hexanone
Concen: 233.521 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

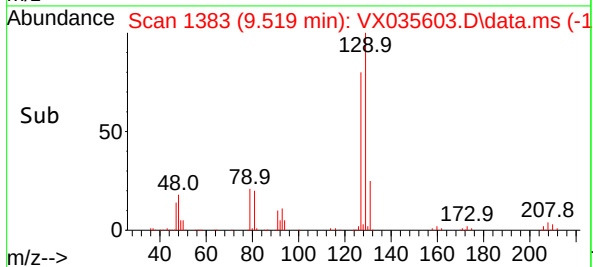
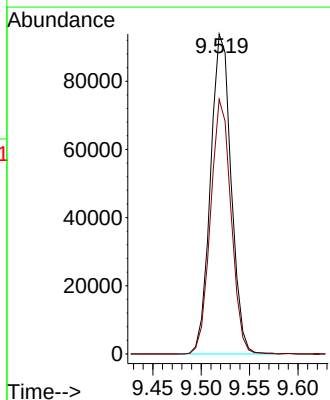
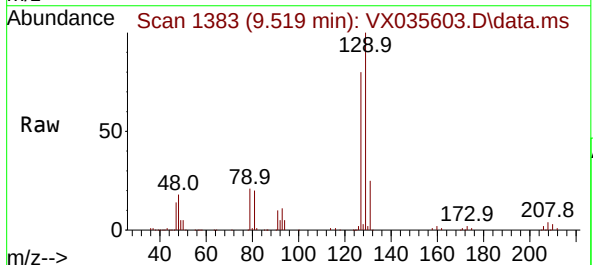
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

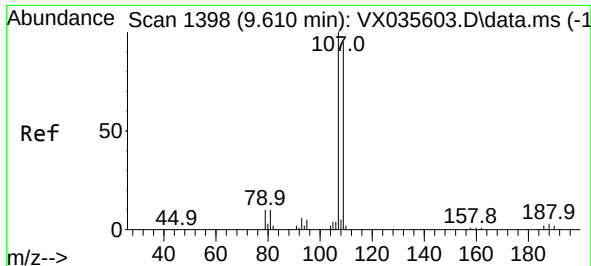
Tgt Ion: 43 Resp: 795878
Ion Ratio Lower Upper
43 100
58 51.5 26.3 78.9



#60
Dibromochloromethane
Concen: 48.722 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 129 Resp: 139122
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0

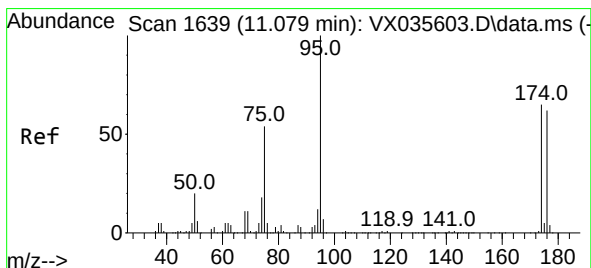
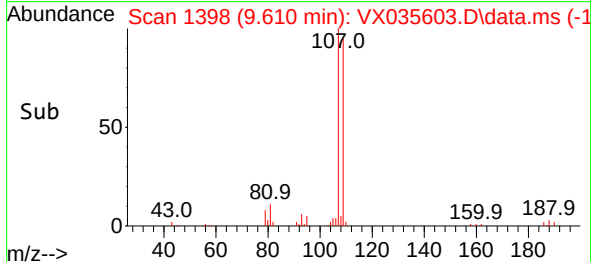
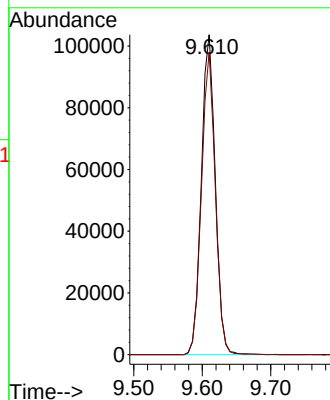
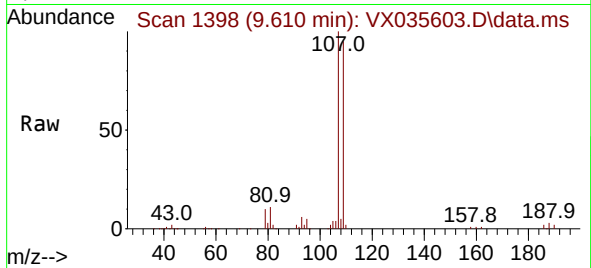




#61
1,2-Dibromoethane
Concen: 46.602 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

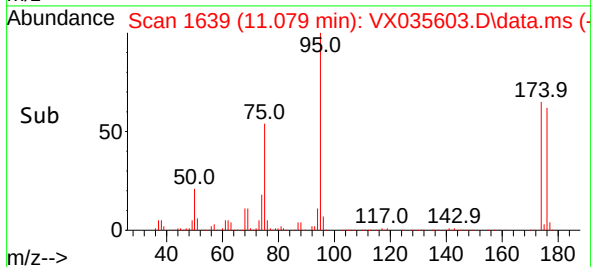
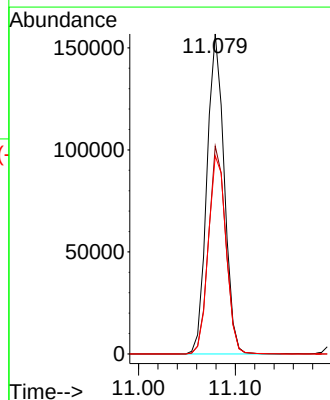
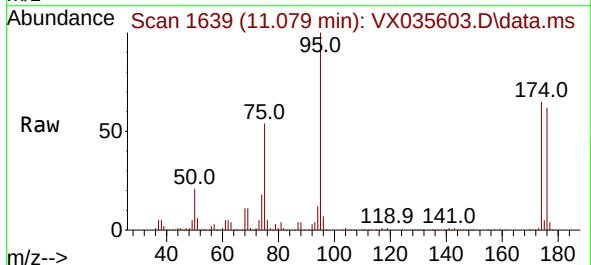
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

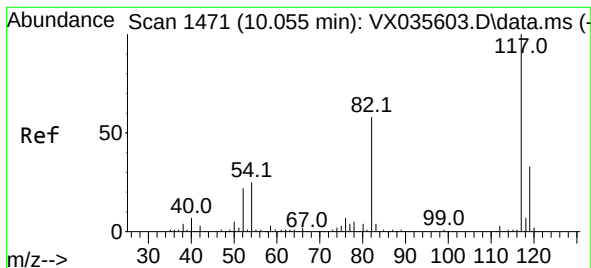
Tgt Ion:107 Resp: 147080
Ion Ratio Lower Upper
107 100
109 93.9 75.3 112.9



#62
4-Bromofluorobenzene
Concen: 47.719 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 95 Resp: 194215
Ion Ratio Lower Upper
95 100
174 64.8 0.0 147.4
176 63.7 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

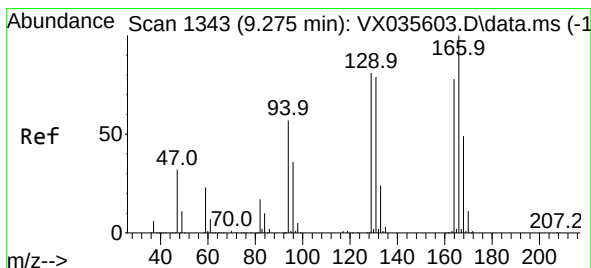
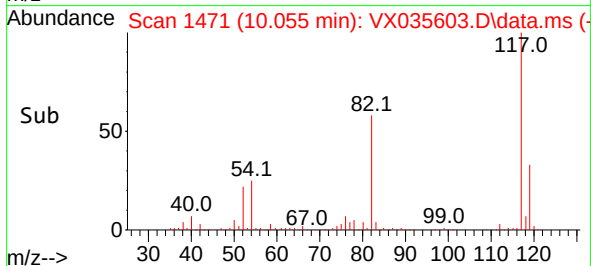
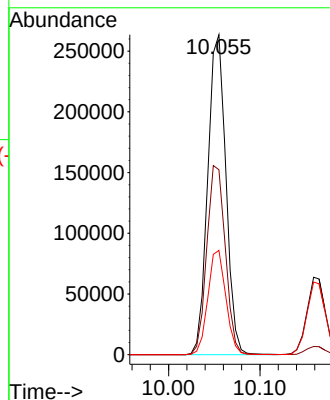
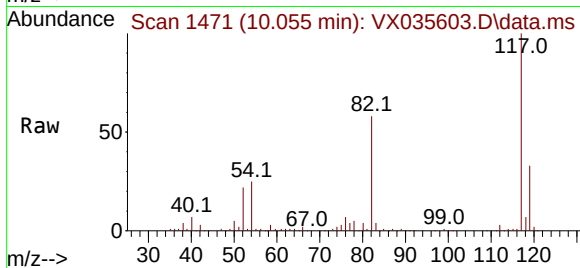
Tgt Ion:117 Resp: 362800

Ion Ratio Lower Upper

117 100

82 57.8 45.0 67.4

119 32.6 26.0 39.0



#64

Tetrachloroethene

Concen: 44.882 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Tgt Ion:164 Resp: 109626

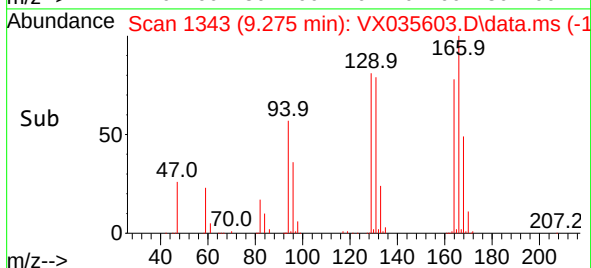
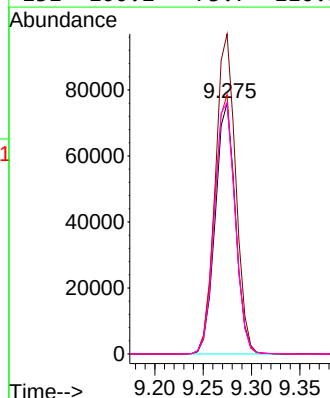
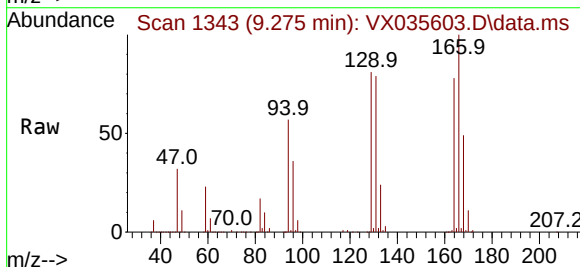
Ion Ratio Lower Upper

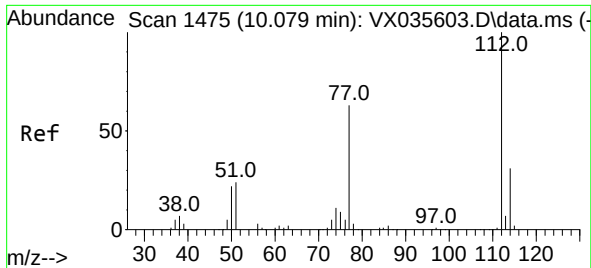
164 100

166 127.6 102.7 154.1

129 103.4 75.6 113.4

131 100.2 73.7 110.5

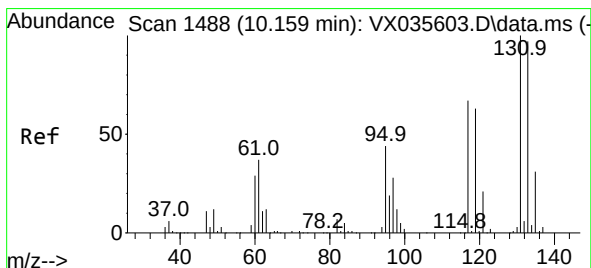
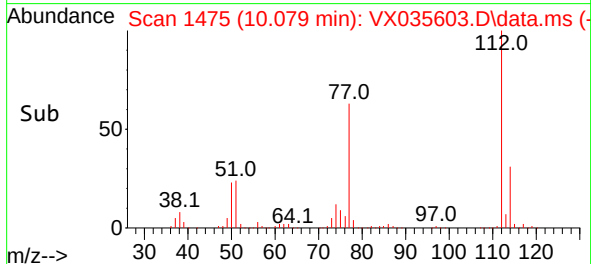
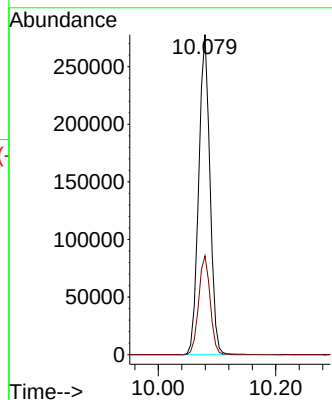
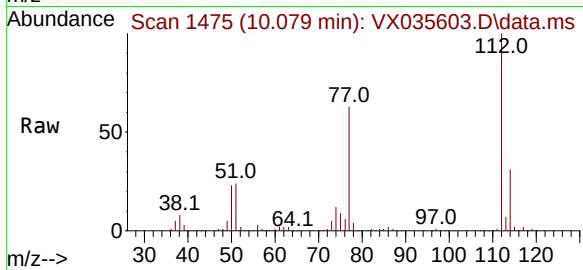




#65
Chlorobenzene
Concen: 46.594 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

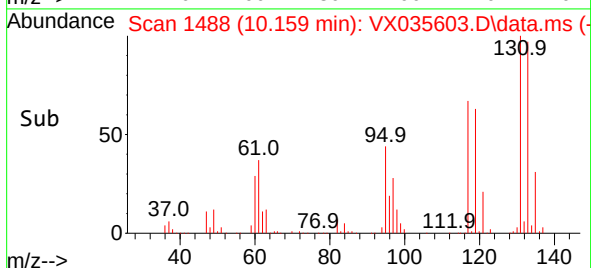
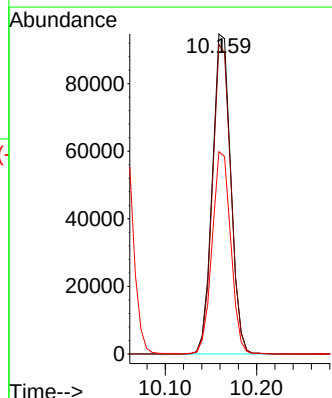
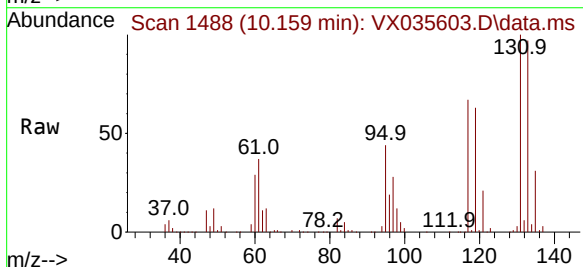
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

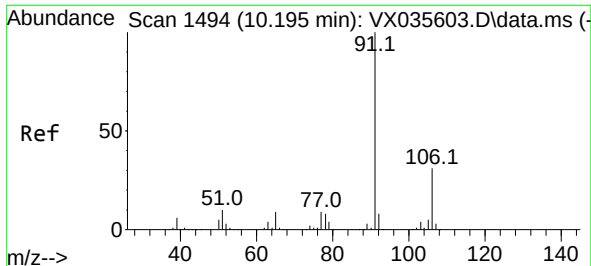
Tgt Ion:112 Resp: 369005
Ion Ratio Lower Upper
112 100
114 30.9 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 47.470 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion:131 Resp: 132929
Ion Ratio Lower Upper
131 100
133 96.4 47.1 141.4
119 63.8 32.6 98.0





#67

Ethyl Benzene

Concen: 46.356 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

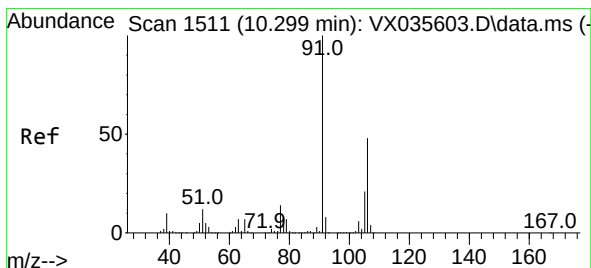
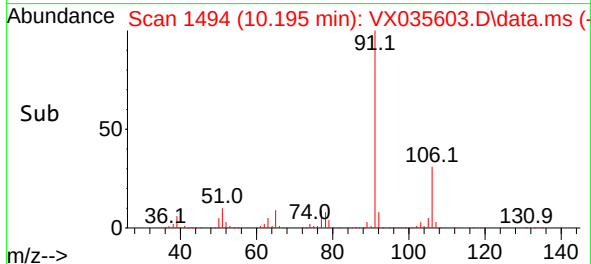
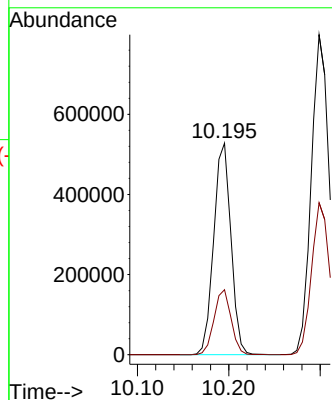
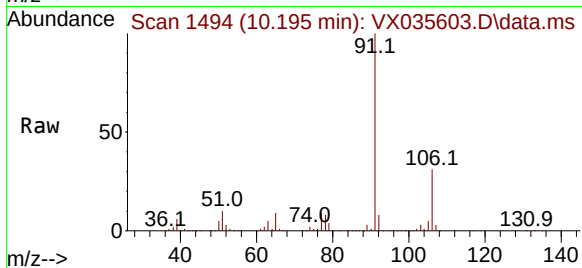
VSTDICCC050

Tgt Ion: 91 Resp: 690447

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 94.047 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX035603.D

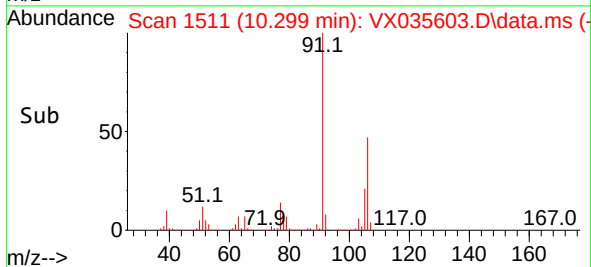
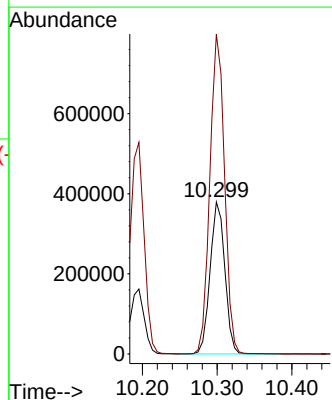
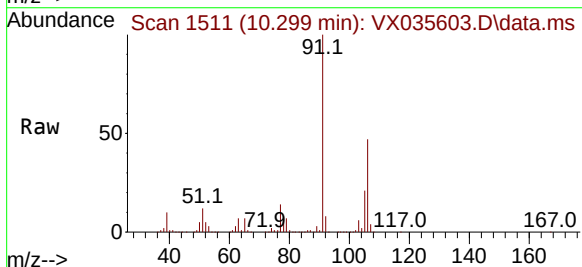
Acq: 11 May 2023 12:10

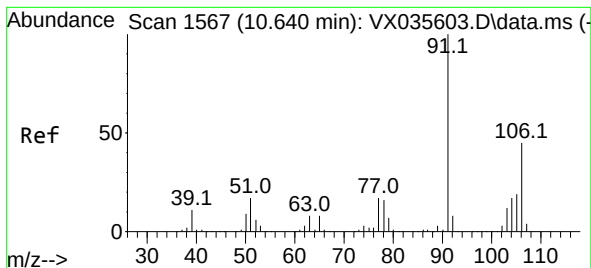
Tgt Ion: 106 Resp: 517780

Ion Ratio Lower Upper

106 100

91 210.6 164.0 246.0





#69

o-Xylene

Concen: 46.567 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

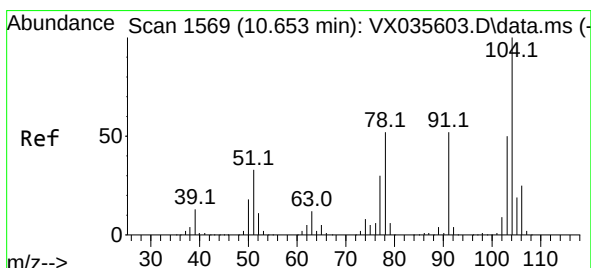
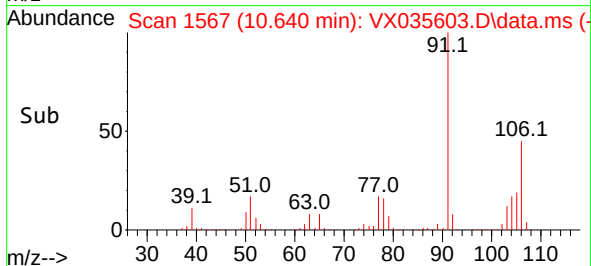
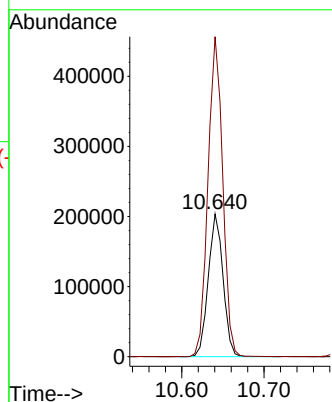
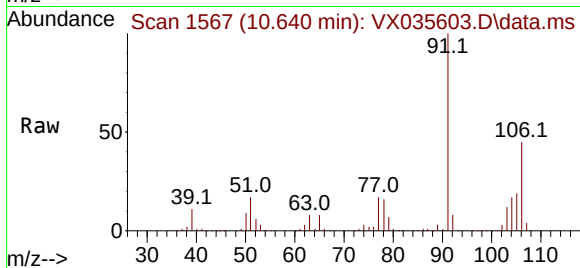
VSTDICCC050

Tgt Ion:106 Resp: 254406

Ion Ratio Lower Upper

106 100

91 223.8 108.5 325.3



#70

Styrene

Concen: 47.506 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.001 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

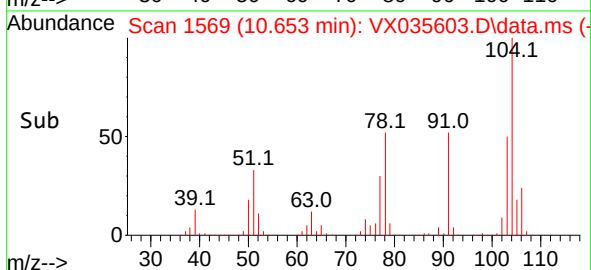
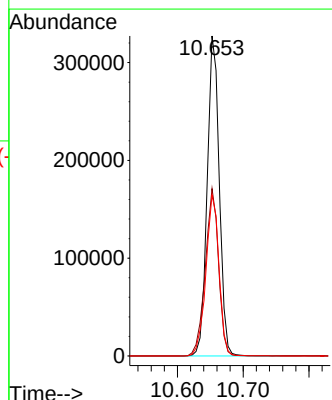
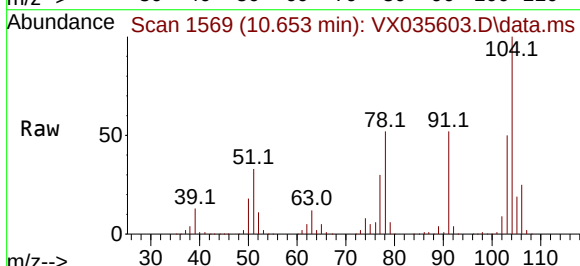
Tgt Ion:104 Resp: 418286

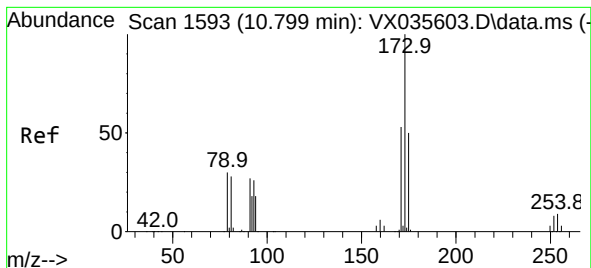
Ion Ratio Lower Upper

104 100

78 57.5 43.4 65.2

103 54.6 44.2 66.2





#71

Bromoform

Concen: 48.406 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

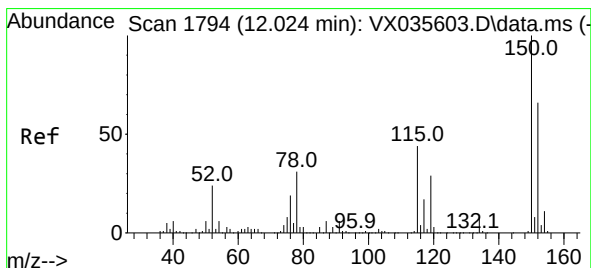
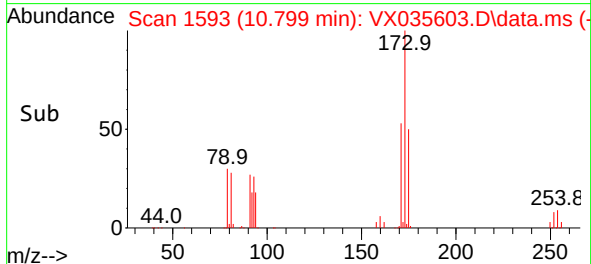
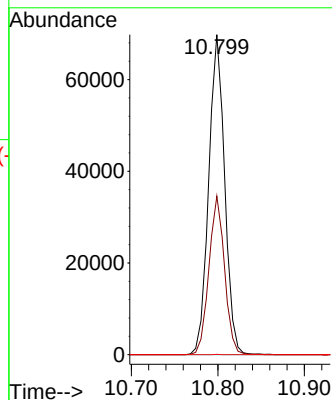
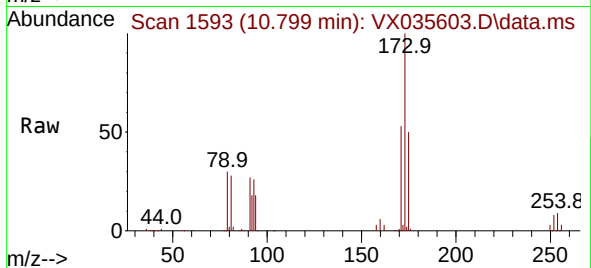
Tgt Ion:173 Resp: 89187

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

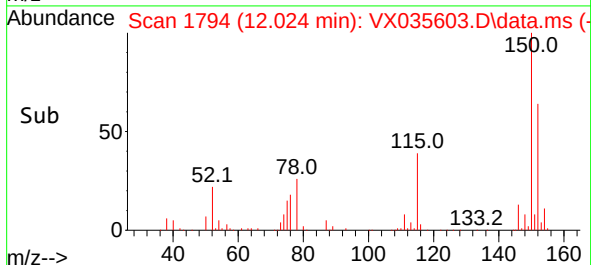
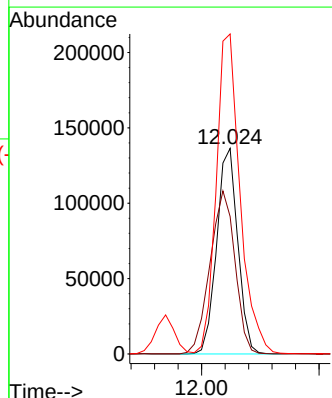
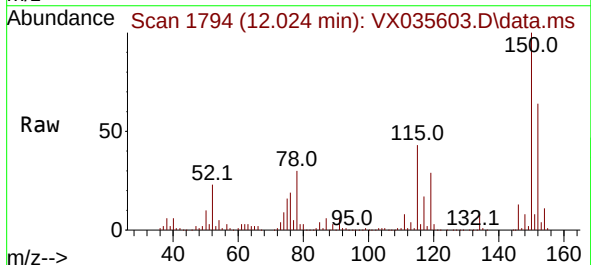
Tgt Ion:152 Resp: 169958

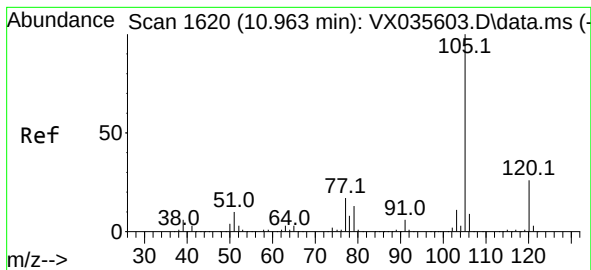
Ion Ratio Lower Upper

152 100

115 93.8 45.0 135.0

150 175.8 0.0 352.4





#73

Isopropylbenzene

Concen: 46.996 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

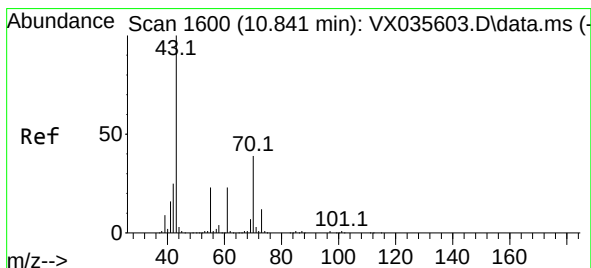
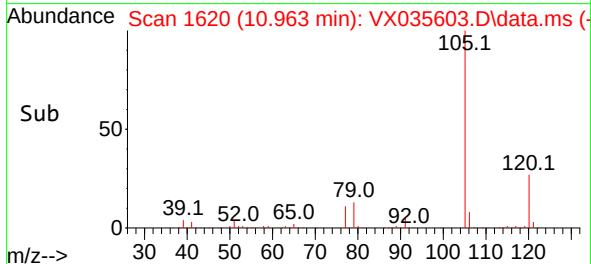
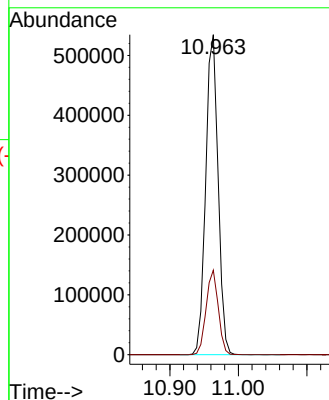
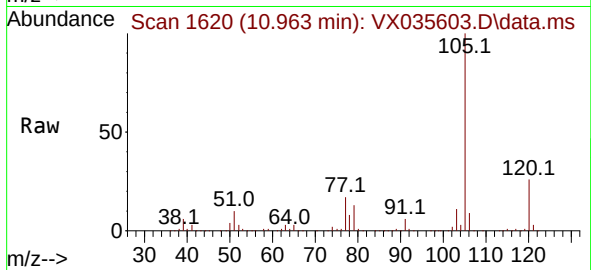
VSTDICCC050

Tgt Ion:105 Resp: 673057

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.9



#74

N-ethyl acetate

Concen: 46.129 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Tgt Ion: 43 Resp: 308028

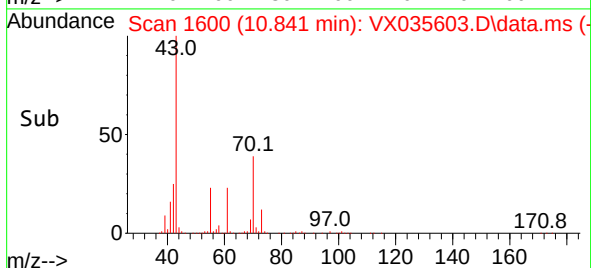
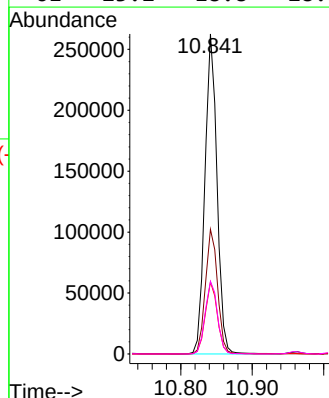
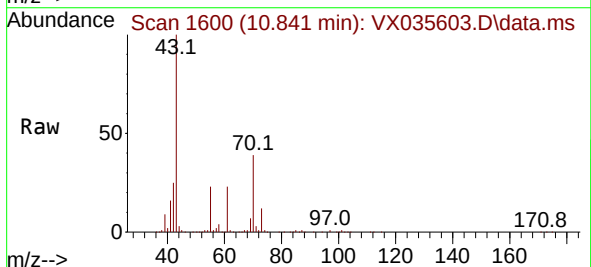
Ion Ratio Lower Upper

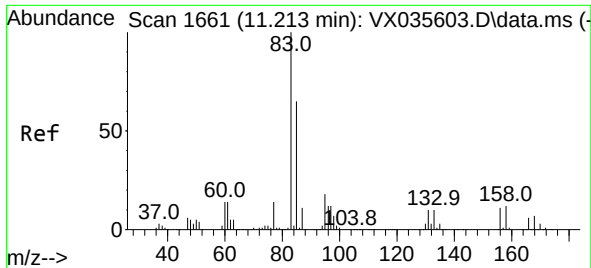
43 100

70 39.5 32.1 48.1

55 22.7 18.3 27.5

61 23.2 18.8 28.2

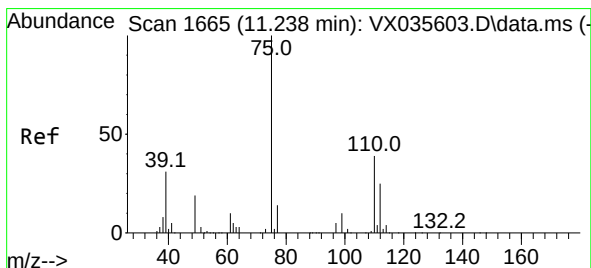
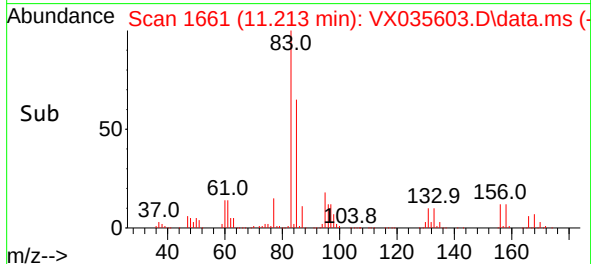
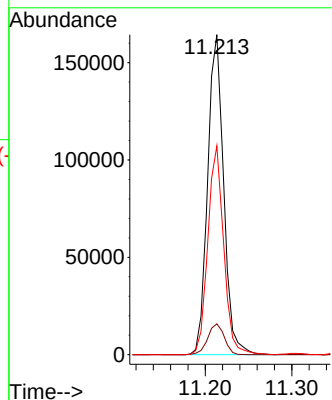
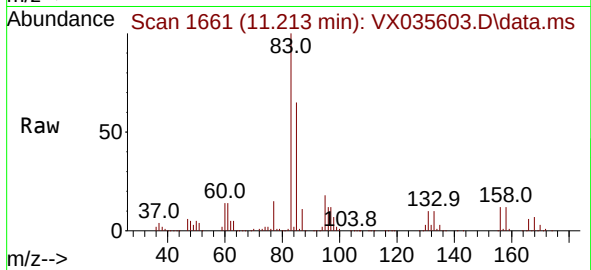




#75
 1,1,2,2-Tetrachloroethane
 Concen: 45.487 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

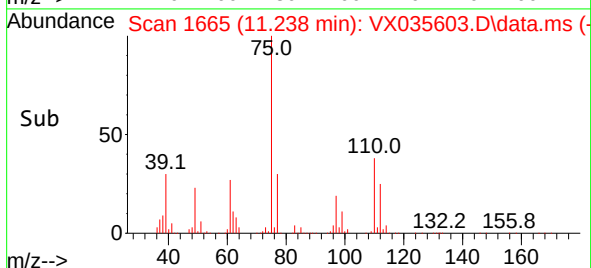
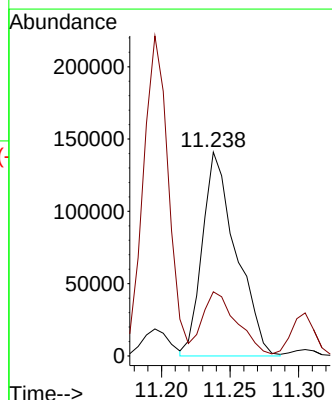
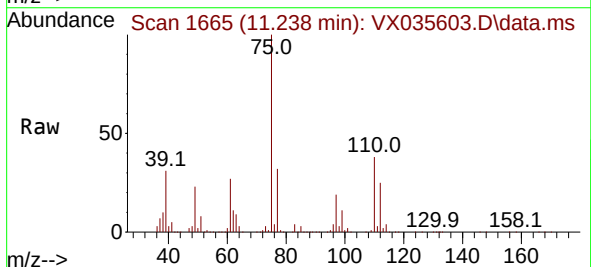
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

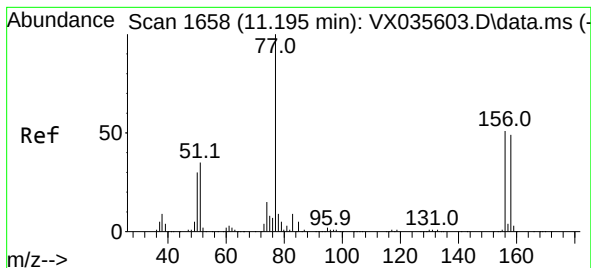
Tgt Ion: 83 Resp: 211326
 Ion Ratio Lower Upper
 83 100
 131 10.0 4.8 14.3
 85 64.6 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 59.282 ug/l
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

Tgt Ion: 75 Resp: 241355
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.6 64.8





#77

Bromobenzene

Concen: 45.682 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

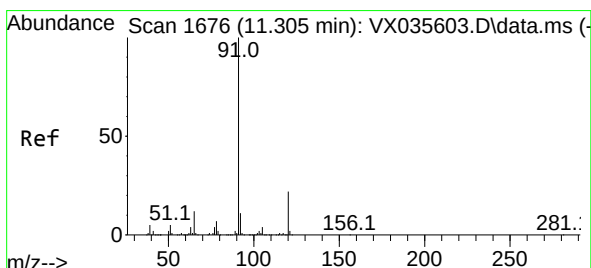
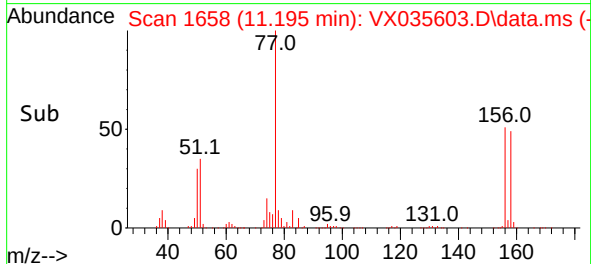
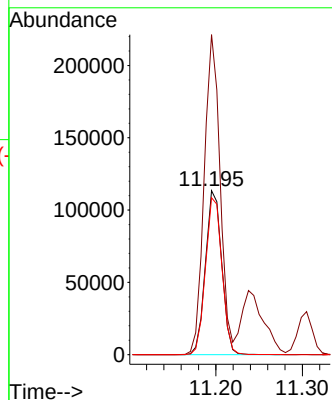
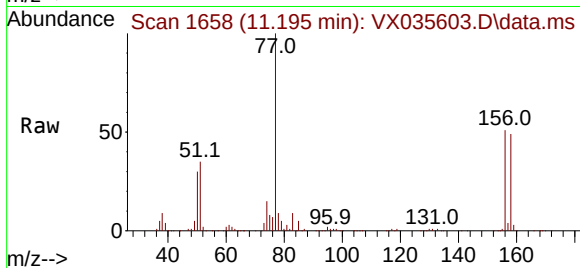
Tgt Ion:156 Resp: 148493

Ion Ratio Lower Upper

156 100

77 190.0 86.7 259.9

158 96.9 48.0 144.0



#78

n-propylbenzene

Concen: 47.496 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VX035603.D

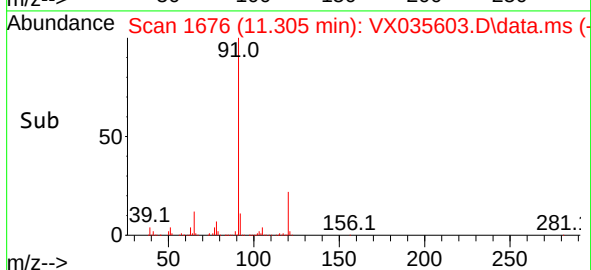
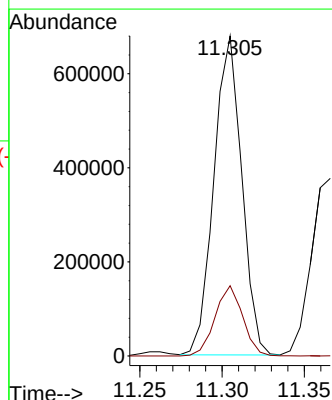
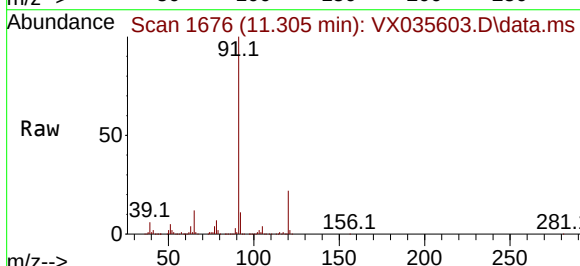
Acq: 11 May 2023 12:10

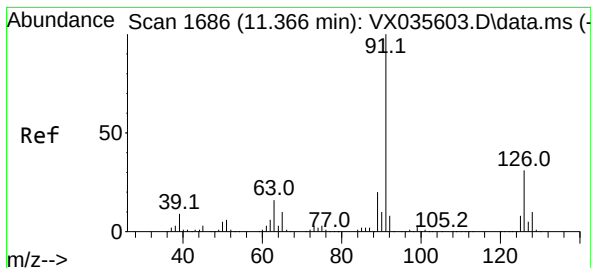
Tgt Ion: 91 Resp: 799596

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.5





#79

2-Chlorotoluene

Concen: 45.937 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

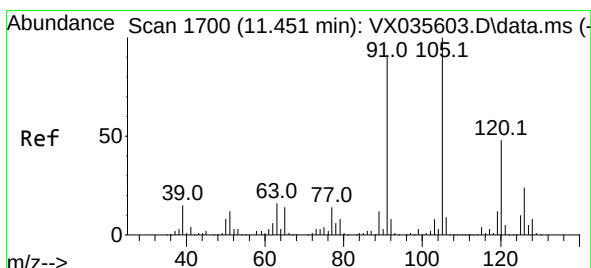
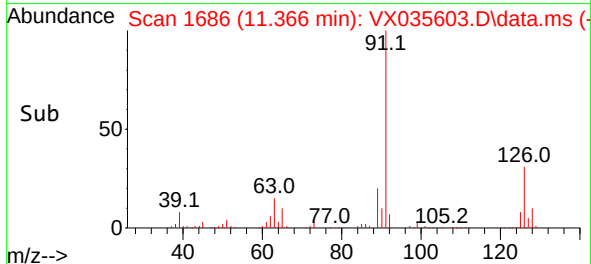
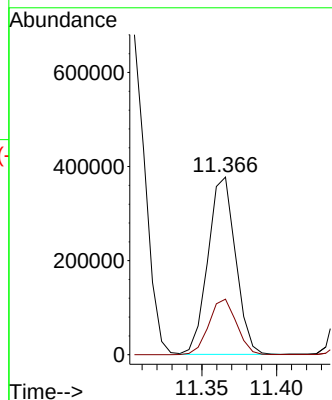
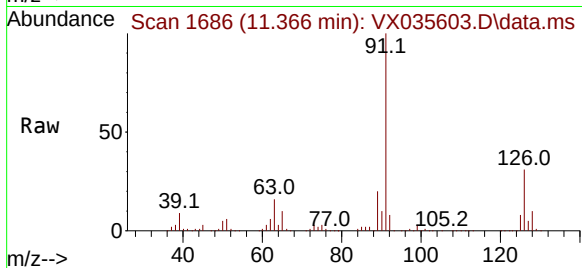
VSTDICCC050

Tgt Ion: 91 Resp: 484188

Ion Ratio Lower Upper

91 100

126 31.4 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 46.846 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035603.D

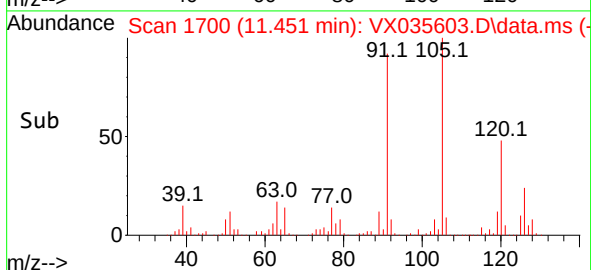
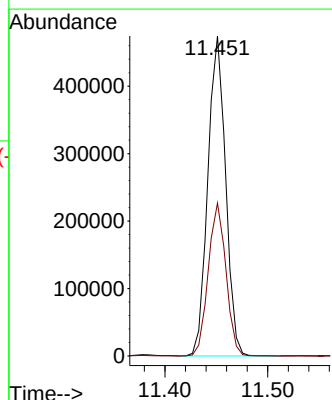
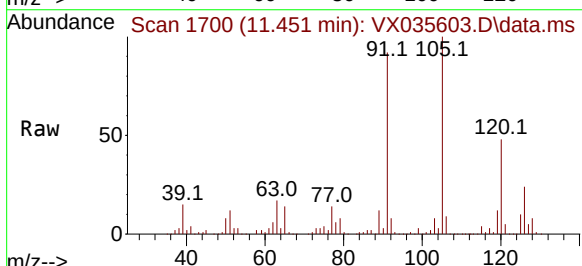
Acq: 11 May 2023 12:10

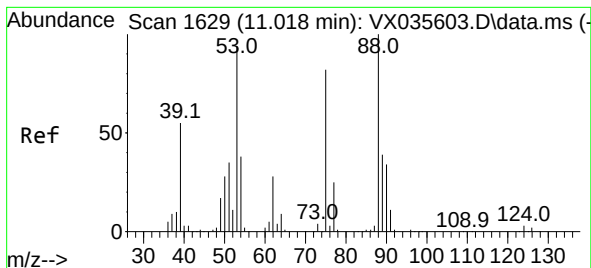
Tgt Ion: 105 Resp: 570219

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1

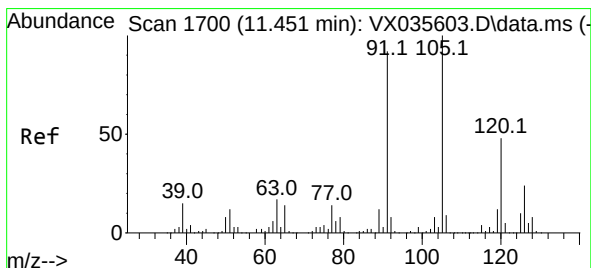
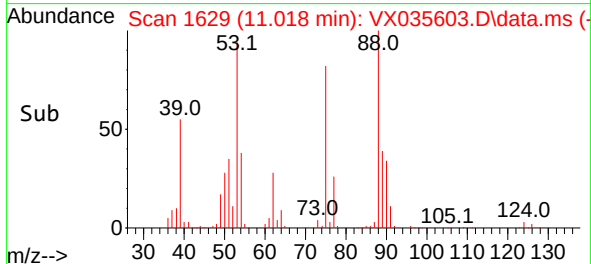
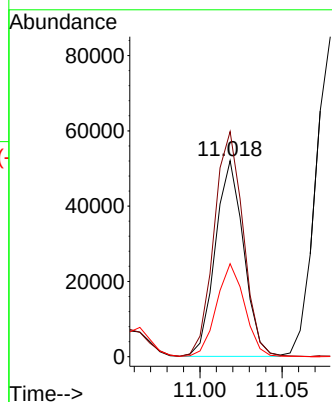
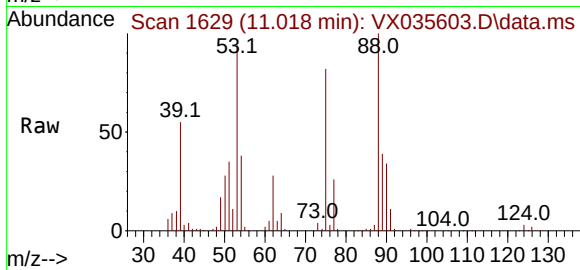




#81
trans-1,4-Dichloro-2-butene
Concen: 48.339 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

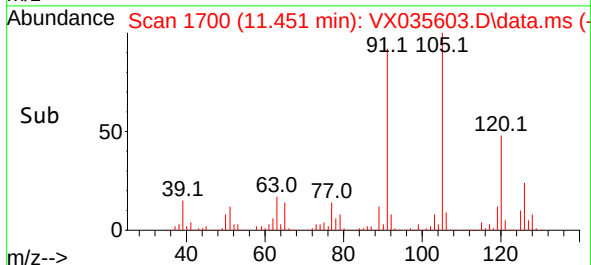
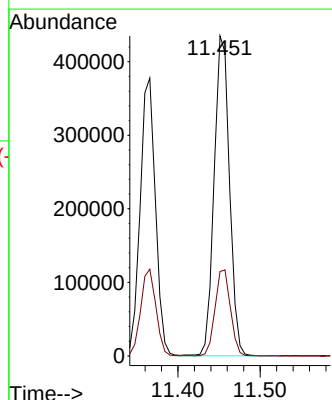
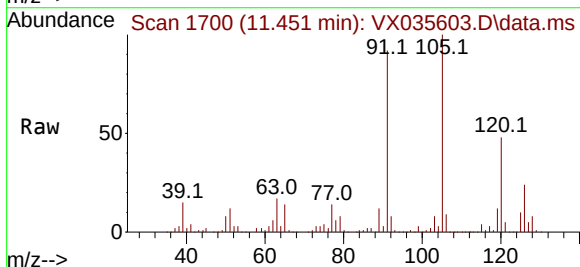
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

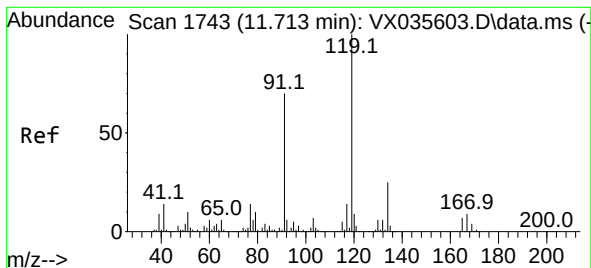
Tgt Ion: 75 Resp: 62354
Ion Ratio Lower Upper
75 100
53 118.2 82.6 124.0
89 47.3 36.9 55.3



#82
4-Chlorotoluene
Concen: 46.401 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035603.D
Acq: 11 May 2023 12:10

Tgt Ion: 91 Resp: 563243
Ion Ratio Lower Upper
91 100
126 27.1 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.243 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

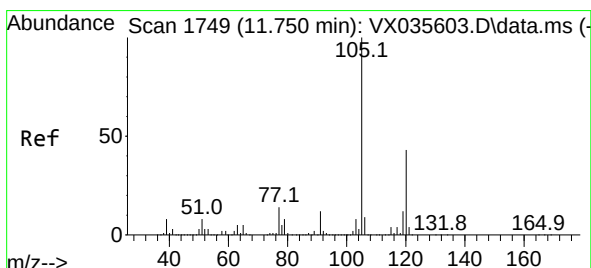
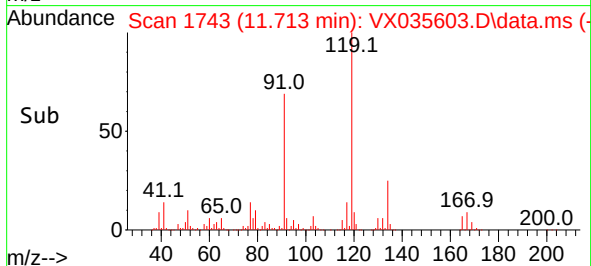
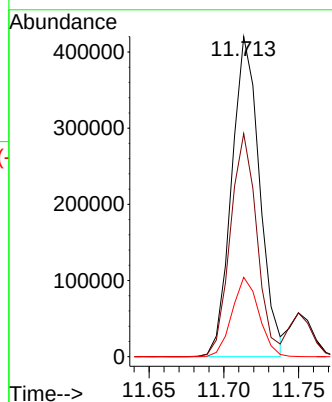
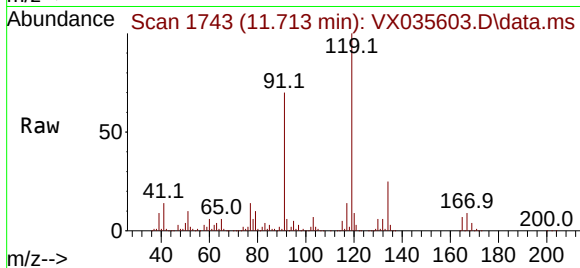
Tgt Ion:119 Resp: 547148

Ion Ratio Lower Upper

119 100

91 66.4 30.6 92.0

134 23.7 11.8 35.4



#84

1,2,4-Trimethylbenzene

Concen: 46.985 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035603.D

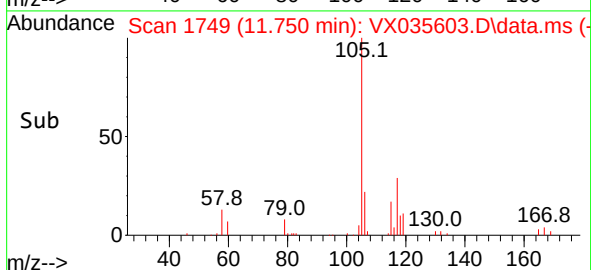
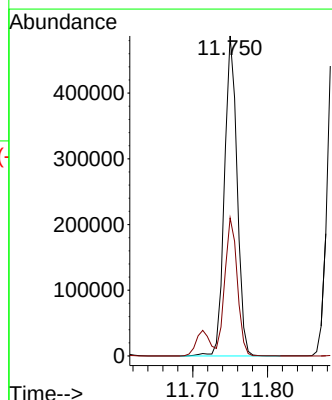
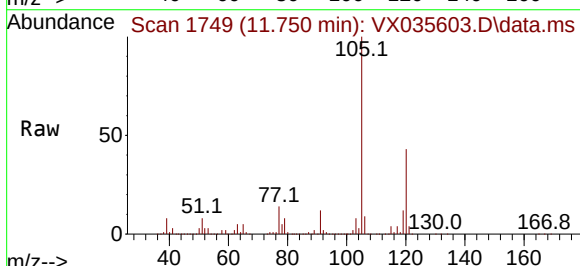
Acq: 11 May 2023 12:10

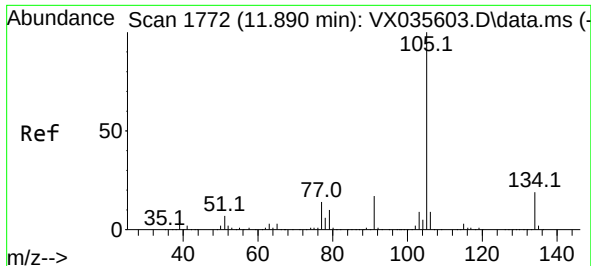
Tgt Ion:105 Resp: 574254

Ion Ratio Lower Upper

105 100

120 42.3 22.4 67.0

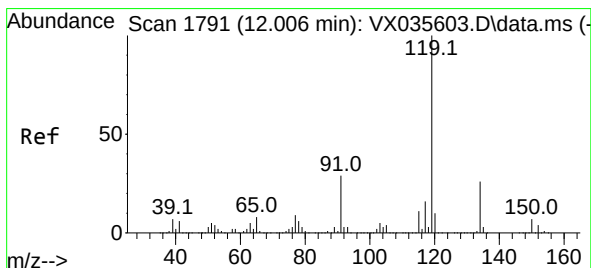
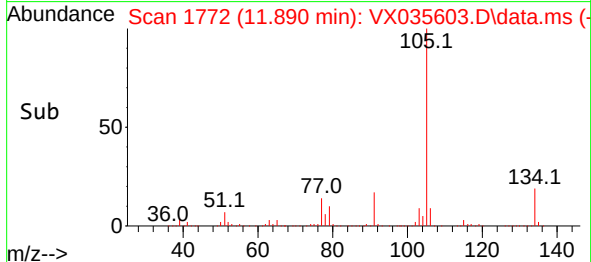
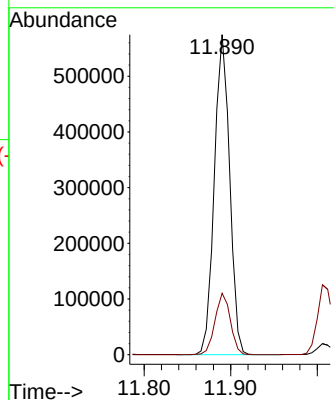
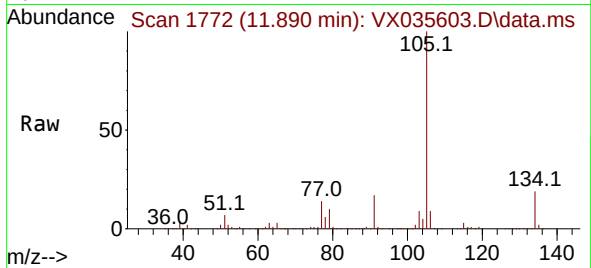




#85
 sec-Butylbenzene
 Concen: 47.498 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

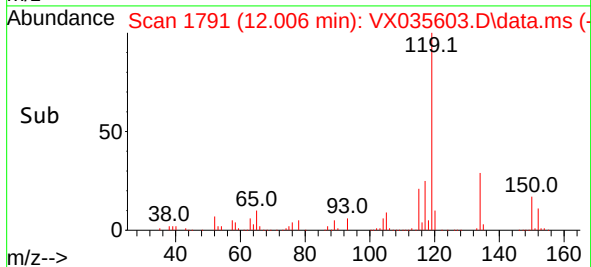
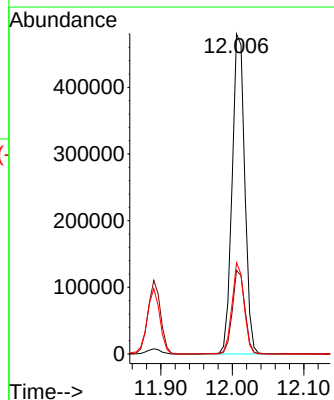
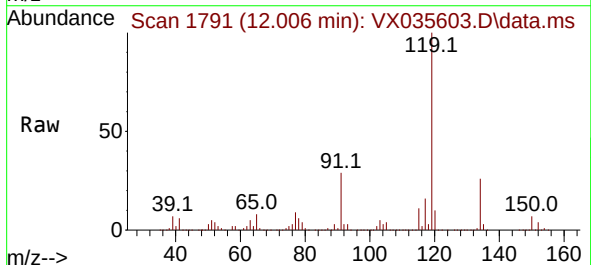
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

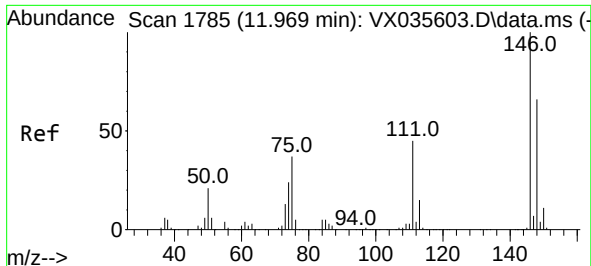
Tgt Ion:105 Resp: 705622
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 48.083 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. -0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

Tgt Ion:119 Resp: 587246
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 27.3 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 46.239 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

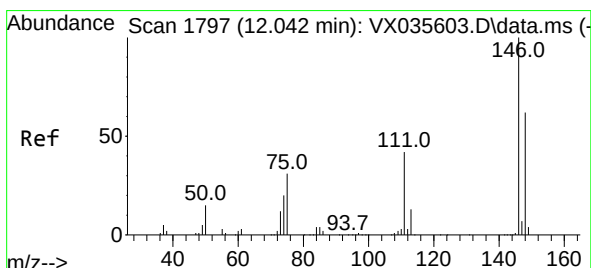
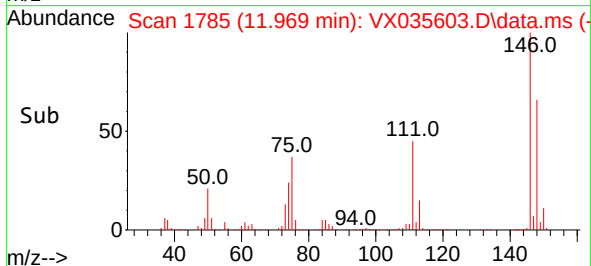
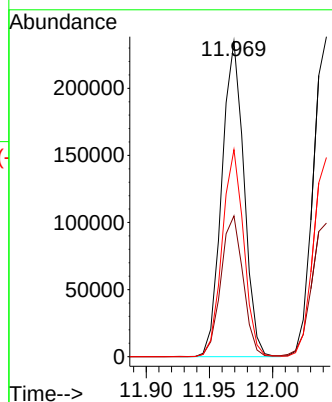
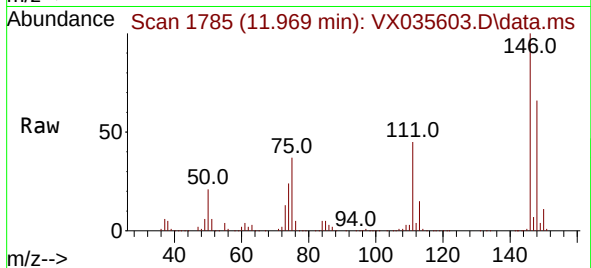
Tgt Ion:146 Resp: 285531

Ion Ratio Lower Upper

146 100

111 44.8 20.9 62.8

148 63.9 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 46.794 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

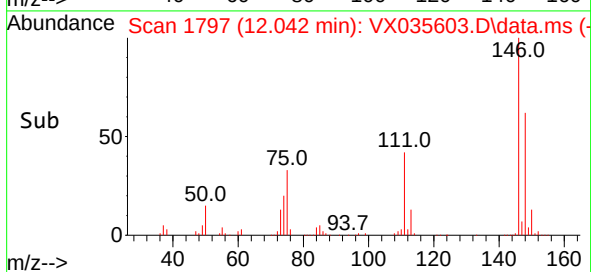
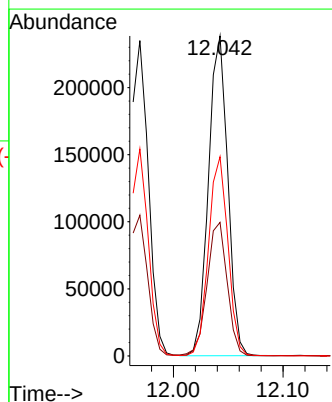
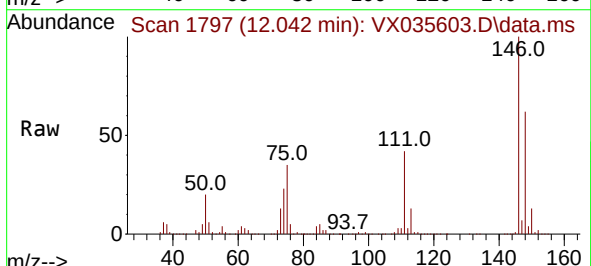
Tgt Ion:146 Resp: 291786

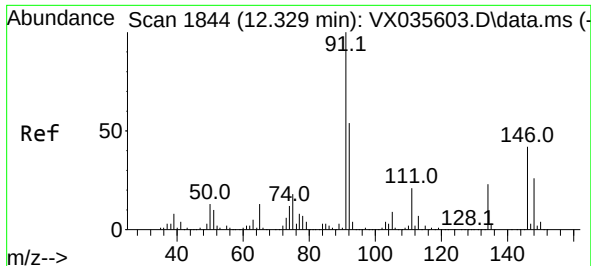
Ion Ratio Lower Upper

146 100

111 43.5 20.6 61.9

148 62.6 31.8 95.4





#89

n-Butylbenzene

Concen: 48.548 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

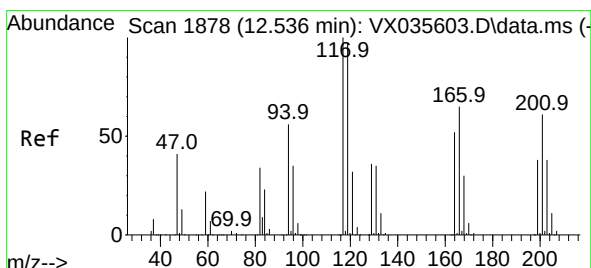
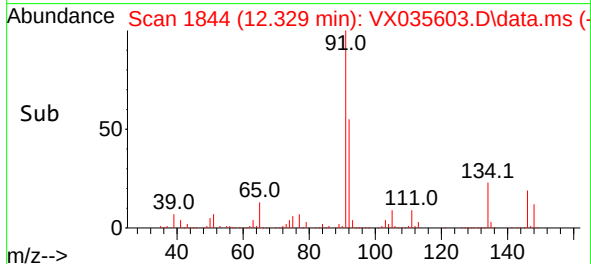
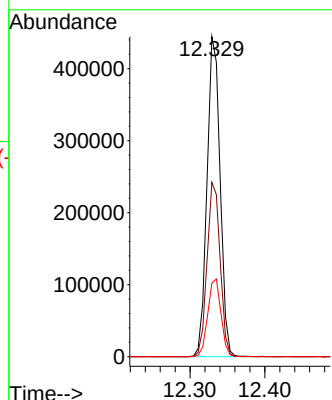
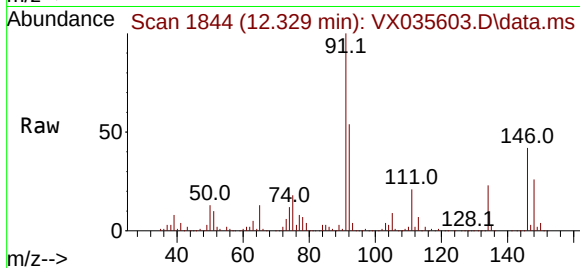
Tgt Ion: 91 Resp: 539371

Ion Ratio Lower Upper

91 100

92 54.3 27.7 83.0

134 24.4 13.0 38.9



#90

Hexachloroethane

Concen: 49.157 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX035603.D

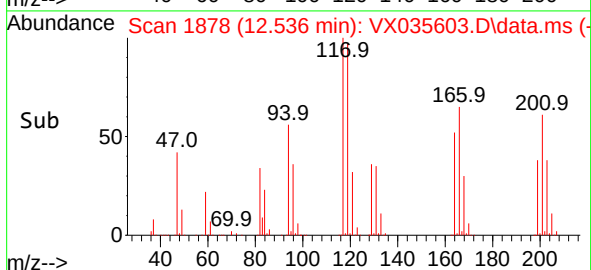
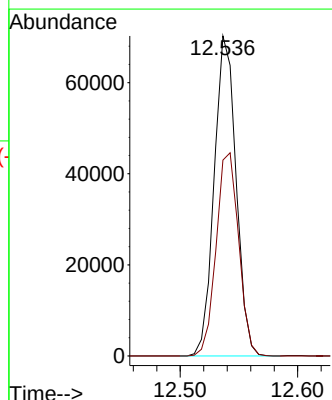
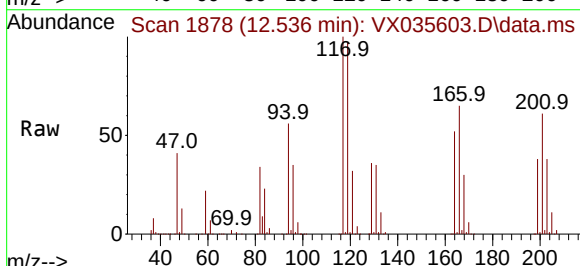
Acq: 11 May 2023 12:10

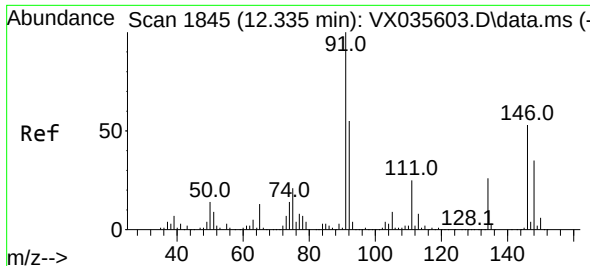
Tgt Ion: 117 Resp: 90996

Ion Ratio Lower Upper

117 100

201 65.4 34.4 103.1

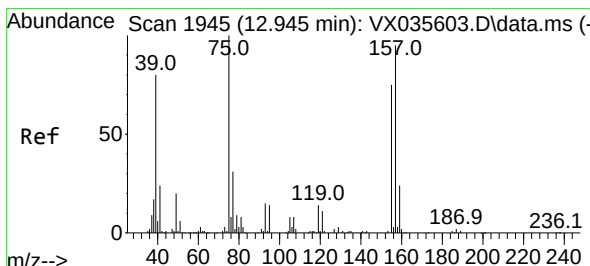
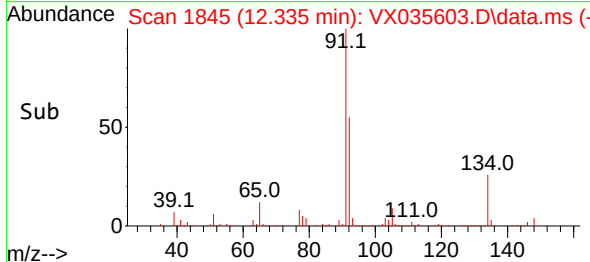
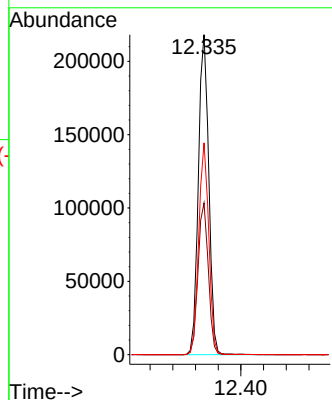
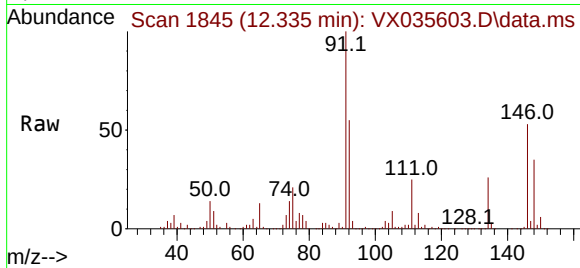




#91
 1,2-Dichlorobenzene
 Concen: 45.860 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

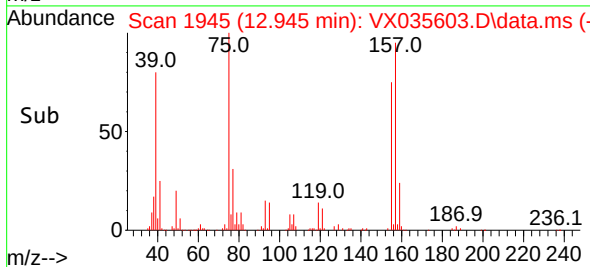
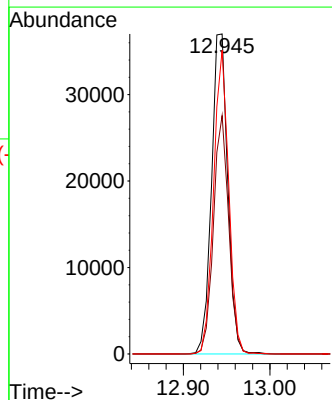
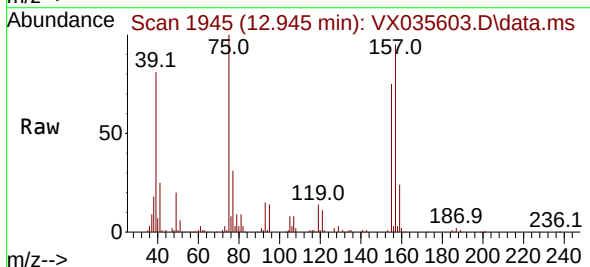
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

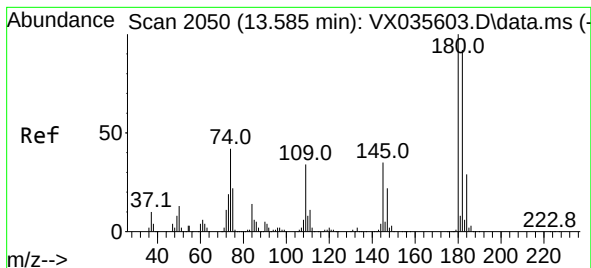
Tgt Ion:146 Resp: 277311
 Ion Ratio Lower Upper
 146 100
 111 47.0 22.0 66.0
 148 64.1 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.691 ug/l
 RT: 12.945 min Scan# 1945
 Delta R.T. -0.000 min
 Lab File: VX035603.D
 Acq: 11 May 2023 12:10

Tgt Ion: 75 Resp: 48303
 Ion Ratio Lower Upper
 75 100
 155 69.9 38.4 115.1
 157 88.2 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 47.327 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

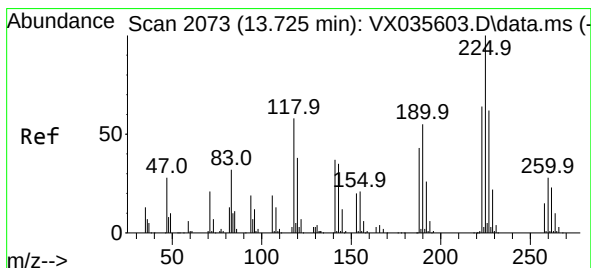
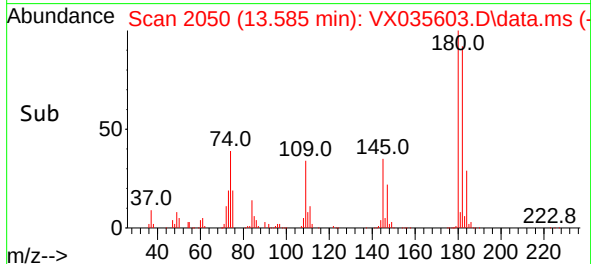
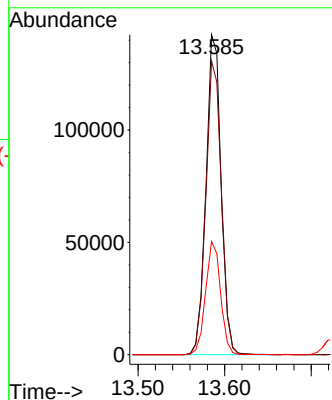
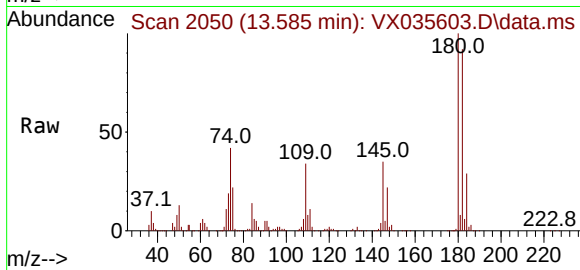
Tgt Ion:180 Resp: 172317

Ion Ratio Lower Upper

180 100

182 94.4 47.0 141.0

145 35.2 15.9 47.7



#94

Hexachlorobutadiene

Concen: 47.368 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

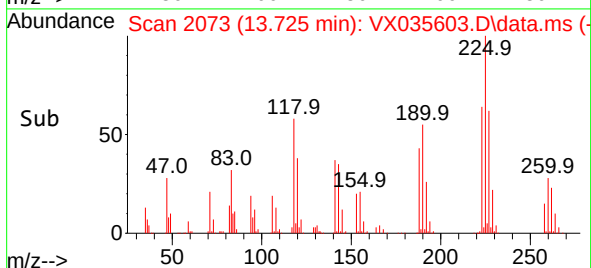
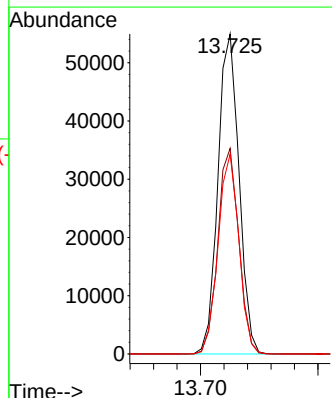
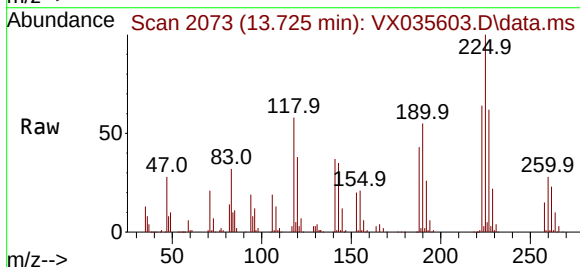
Tgt Ion:225 Resp: 68455

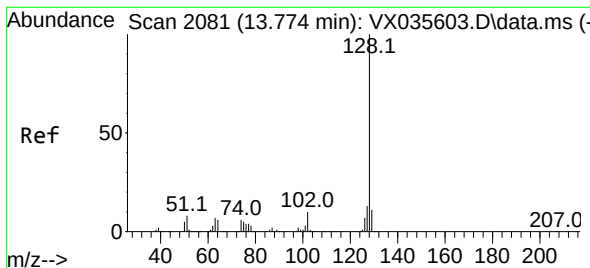
Ion Ratio Lower Upper

225 100

223 63.6 32.1 96.5

227 61.6 31.8 95.4





#95

Naphthalene

Concen: 47.266 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

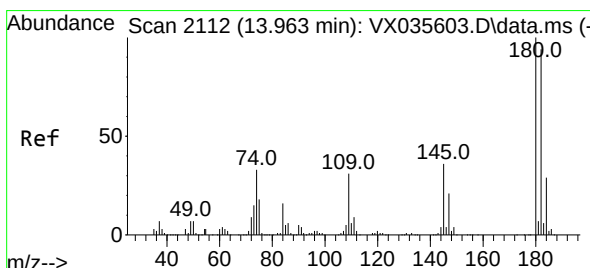
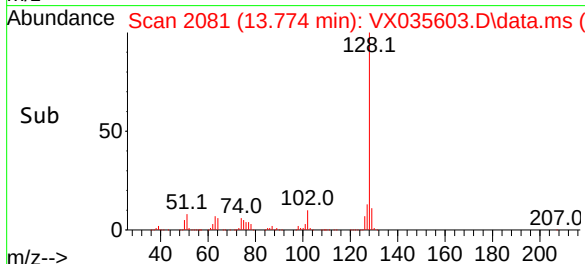
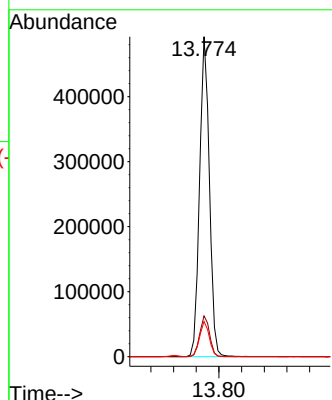
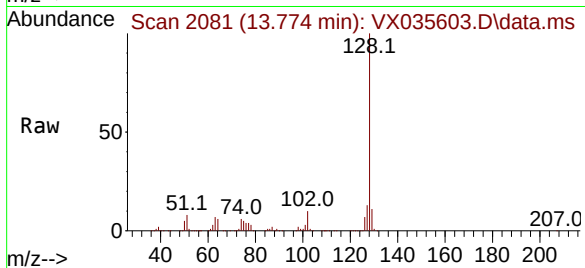
Tgt Ion:128 Resp: 589348

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.511 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035603.D

Acq: 11 May 2023 12:10

Tgt Ion:180 Resp: 170131

Ion Ratio Lower Upper

180 100

182 94.3 48.0 144.2

145 36.6 17.7 53.1

