

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061923\
 Data File : VX036199.D
 Acq On : 19 Jun 2023 12:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 20 03:39:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 16 16:28:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	180684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	311228	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	134998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	158996	48.153	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.300%
35) Dibromofluoromethane	5.379	113	105774	50.118	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	8.647	98	372293	48.225	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.079	95	154971	49.730	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	107985	48.690	ug/l	99
3) Chloromethane	1.294	50	110084	46.914	ug/l	97
4) Vinyl Chloride	1.374	62	106944	47.841	ug/l	99
5) Bromomethane	1.617	94	63325	46.084	ug/l	100
6) Chloroethane	1.691	64	69230	47.864	ug/l	98
7) Trichlorofluoromethane	1.886	101	181006	50.035	ug/l	98
8) Diethyl Ether	2.130	74	62193	46.188	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	105980	51.371	ug/l	97
10) Methyl Iodide	2.453	142	109571	51.510	ug/l	99
11) Tert butyl alcohol	2.989	59	110802	219.501	ug/l #	89
12) 1,1-Dichloroethene	2.319	96	95076	48.736	ug/l	99
13) Acrolein	2.239	56	125312	223.540	ug/l	99
14) Allyl chloride	2.660	41	190584	48.282	ug/l	97
15) Acrylonitrile	3.062	53	296118	229.315	ug/l	98
16) Acetone	2.386	43	301984	220.133	ug/l	100
17) Carbon Disulfide	2.514	76	236034	48.949	ug/l	100
18) Methyl Acetate	2.703	43	240736	46.270	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	364399	47.715	ug/l	100
20) Methylene Chloride	2.788	84	110925	44.630	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	106584	49.174	ug/l	97
22) Diisopropyl ether	3.757	45	378666	48.207	ug/l	90
23) Vinyl Acetate	3.721	43	1373958	246.799	ug/l	100
24) 1,1-Dichloroethane	3.605	63	208721	48.093	ug/l	100
25) 2-Butanone	4.556	43	443429	230.888	ug/l	100
26) 2,2-Dichloropropane	4.471	77	169716	50.288	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	118621	47.859	ug/l	95
28) Bromochloromethane	4.897	49	111249	49.174	ug/l	96
29) Tetrahydrofuran	5.001	42	284917	233.587	ug/l	98
30) Chloroform	5.092	83	222281	48.632	ug/l	100
31) Cyclohexane	5.464	56	178045	50.264	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	195832	50.536	ug/l	98
36) 1,1-Dichloropropene	5.690	75	160414	51.599	ug/l	98
37) Ethyl Acetate	4.708	43	170638	47.111	ug/l	99
38) Carbon Tetrachloride	5.672	117	162857	53.888	ug/l	98
39) Methylcyclohexane	7.379	83	179871	53.721	ug/l	95
40) Benzene	6.031	78	436614	49.942	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	98002	49.076	ug/l	98
42) 1,2-Dichloroethane	6.080	62	199330	50.611	ug/l	99
43) Isopropyl Acetate	6.336	43	273877	49.408	ug/l	98
44) Trichloroethene	7.123	130	110067	50.382	ug/l	95
45) 1,2-Dichloropropane	7.427	63	115526	49.704	ug/l	99
46) Dibromomethane	7.580	93	83680	50.539	ug/l	97
47) Bromodichloromethane	7.818	83	164648	51.796	ug/l	97
48) Methyl methacrylate	7.690	41	141666	49.813	ug/l	98
49) 1,4-Dioxane	7.702	88	53536	1124.337	ug/l #	97
51) 4-Methyl-2-Pentanone	8.574	43	856639	244.748	ug/l	98
52) Toluene	8.714	92	272078	49.707	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	170132	51.961	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	184181	52.456	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	109346	48.391	ug/l	98
56) Ethyl methacrylate	9.116	69	171322	50.190	ug/l	91
57) 1,3-Dichloropropane	9.305	76	195509	48.635	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	460571	244.803	ug/l	98
59) 2-Hexanone	9.427	43	660318	253.762	ug/l	96
60) Dibromochloromethane	9.518	129	114625	51.972	ug/l	99
61) 1,2-Dibromoethane	9.610	107	116689	49.527	ug/l	98
64) Tetrachloroethene	9.269	164	88712	51.528	ug/l	96
65) Chlorobenzene	10.079	112	283576	49.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	106604	53.874	ug/l	99
67) Ethyl Benzene	10.195	91	539957	52.728	ug/l	99
68) m/p-Xylenes	10.299	106	401055	103.803	ug/l	96
69) o-Xylene	10.640	106	195504	51.288	ug/l	95
70) Styrene	10.652	104	329211	51.832	ug/l	98
71) Bromoform	10.799	173	72803	53.442	ug/l #	99
73) Isopropylbenzene	10.963	105	522352	52.146	ug/l	100
74) N-amyl acetate	10.841	43	240801	53.197	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	174951	51.007	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	195139	60.907	ug/l	90
77) Bromobenzene	11.195	156	116076	49.459	ug/l	93
78) n-propylbenzene	11.305	91	631021	53.549	ug/l	98
79) 2-Chlorotoluene	11.360	91	382617	51.622	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	453019	53.111	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	47543	51.940	ug/l	90
82) 4-Chlorotoluene	11.451	91	455489	52.743	ug/l	97
83) tert-Butylbenzene	11.713	119	422043	52.046	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	453457	53.298	ug/l	100
85) sec-Butylbenzene	11.890	105	541955	53.675	ug/l	100
86) p-Isopropyltoluene	12.006	119	452625	53.282	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	227639	50.861	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	229334	50.023	ug/l	98
89) n-Butylbenzene	12.329	91	418745	55.235	ug/l	99
90) Hexachloroethane	12.536	117	73356	55.051	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	226290	51.514	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	40227	53.173	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	132065	53.036	ug/l	98
94) Hexachlorobutadiene	13.725	225	52257	53.086	ug/l	99
95) Naphthalene	13.774	128	453397	52.787	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	129710	51.946	ug/l	98

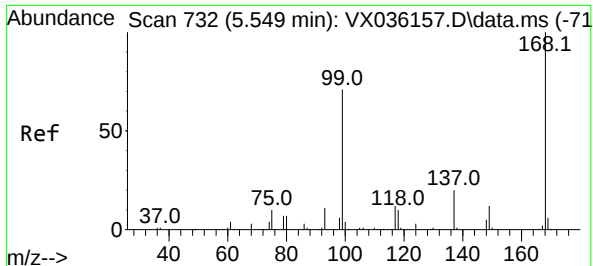
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Response via : Initial Calibration

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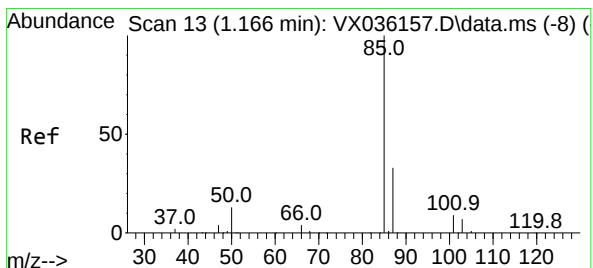
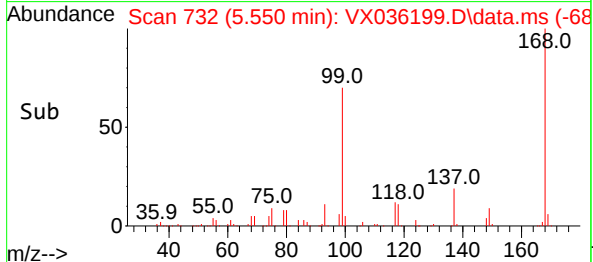
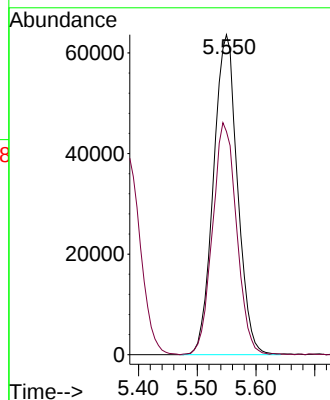
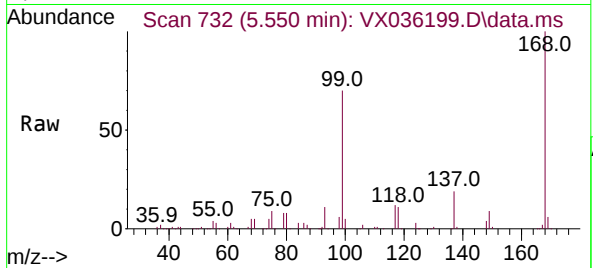
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
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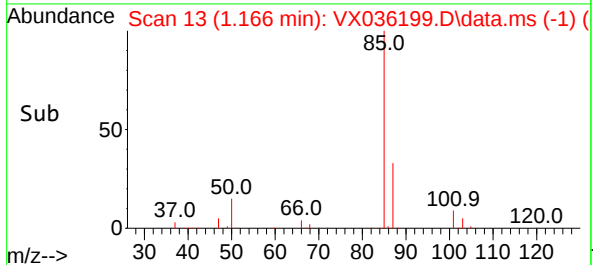
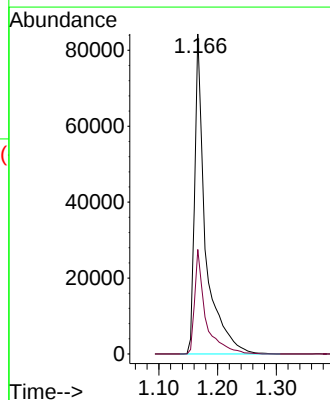
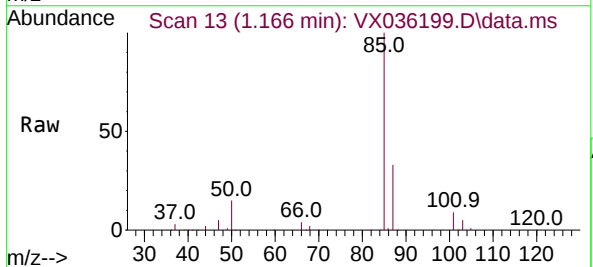
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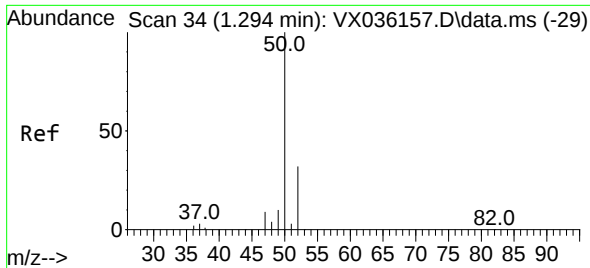
Tgt Ion:168 Resp: 180684
Ion Ratio Lower Upper
168 100
99 69.8 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 48.690 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 85 Resp: 107985
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1

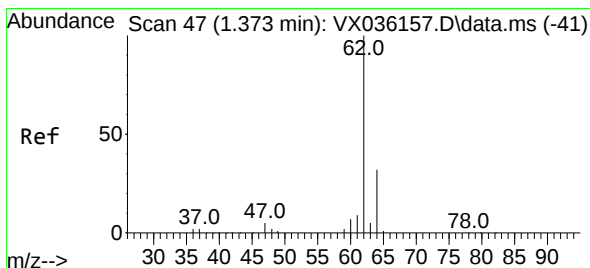
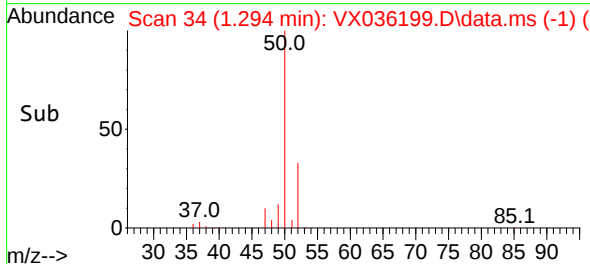
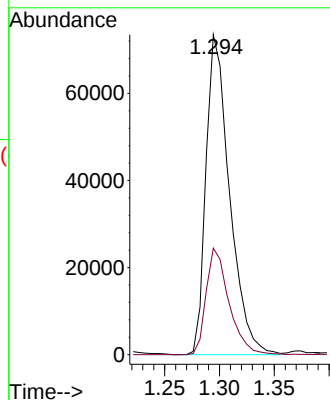
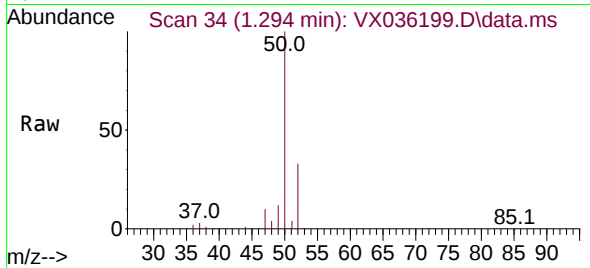




#3
Chloromethane
Concen: 46.914 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

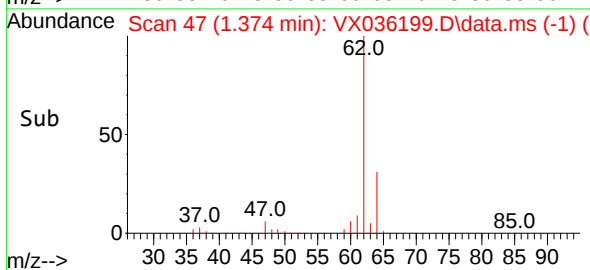
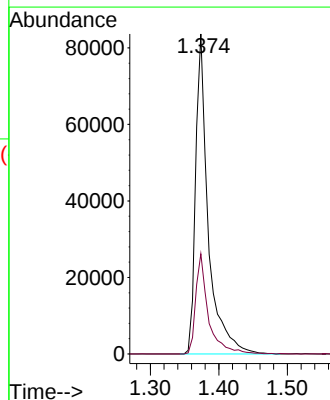
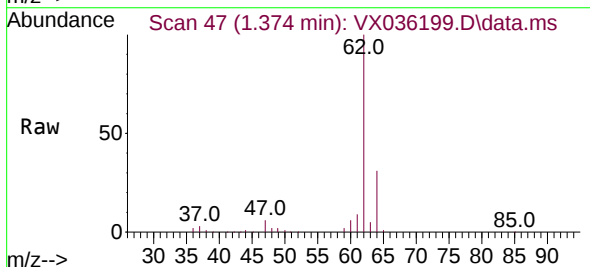
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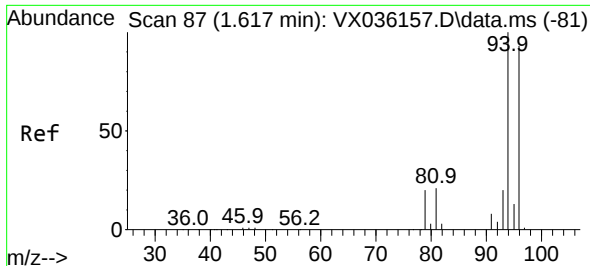
Tgt Ion: 50 Resp: 110084
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3



#4
Vinyl Chloride
Concen: 47.841 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 62 Resp: 106944
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0

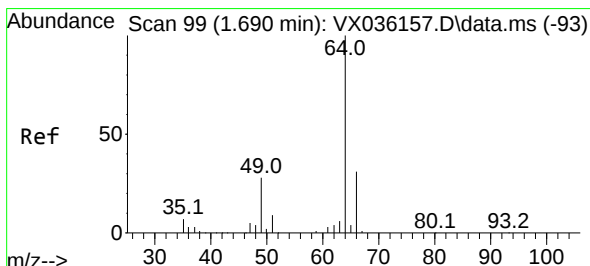
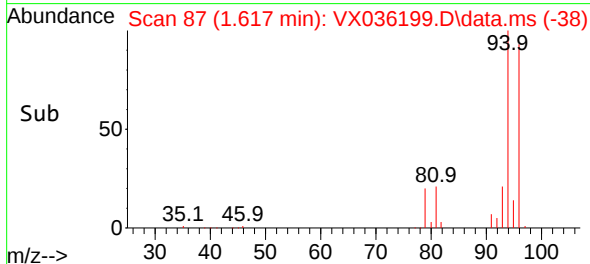
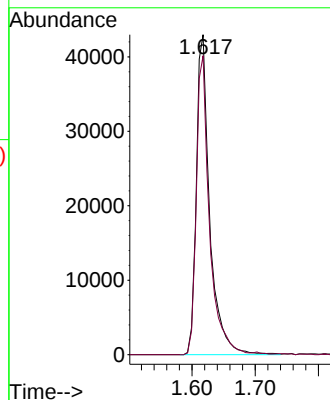
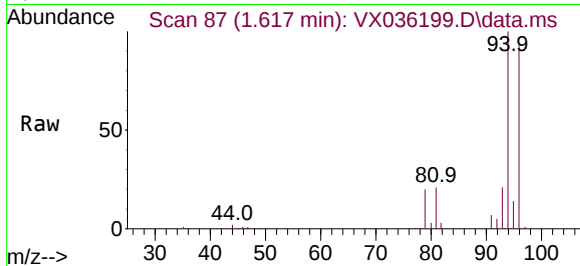




#5
Bromomethane
Concen: 46.084 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

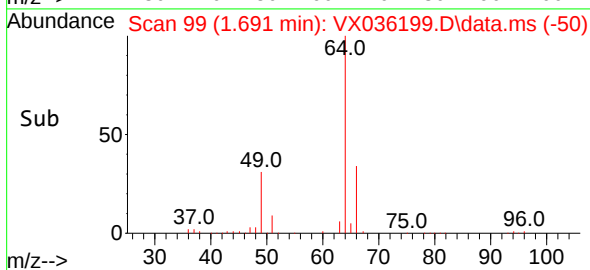
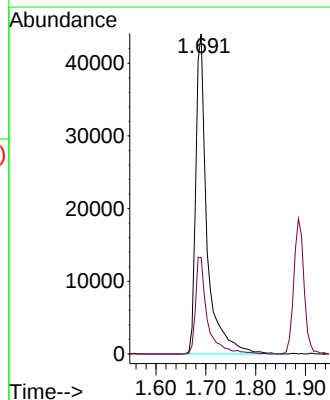
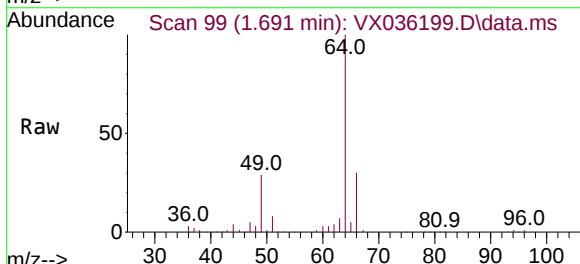
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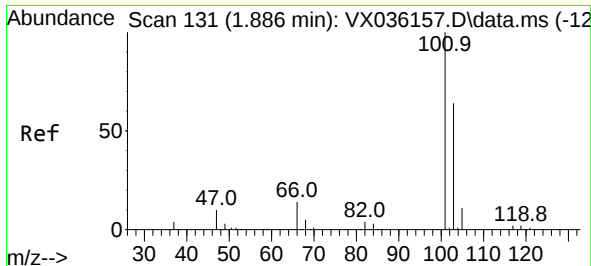
Tgt Ion: 94 Resp: 63325
Ion Ratio Lower Upper
94 100
96 93.4 74.6 111.8



#6
Chloroethane
Concen: 47.864 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 64 Resp: 69230
Ion Ratio Lower Upper
64 100
66 30.1 25.1 37.7

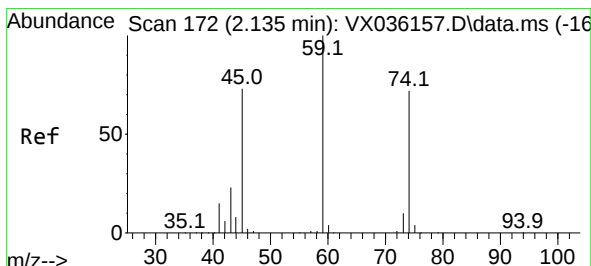
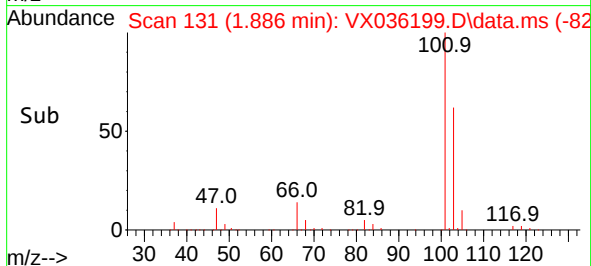
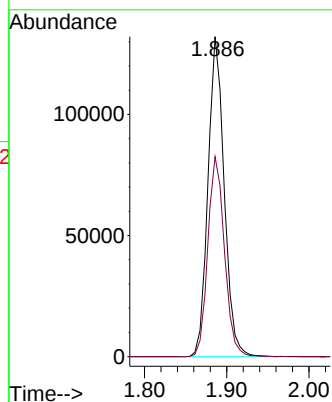
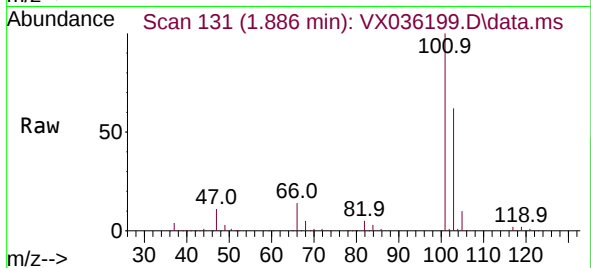




#7
Trichlorofluoromethane
Concen: 50.035 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036199.D
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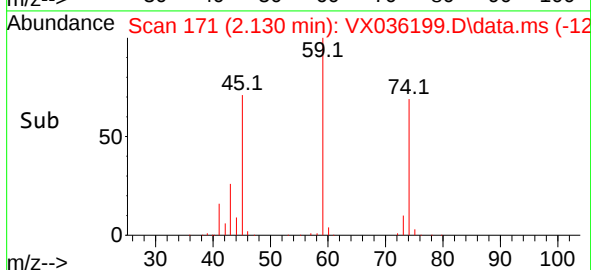
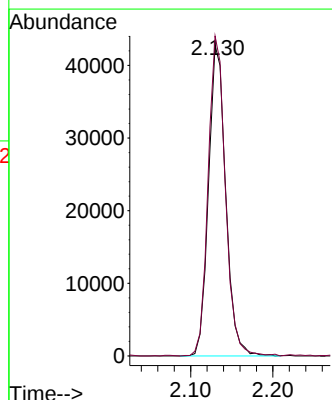
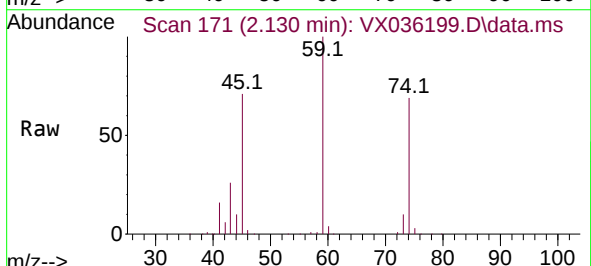
Instrument :
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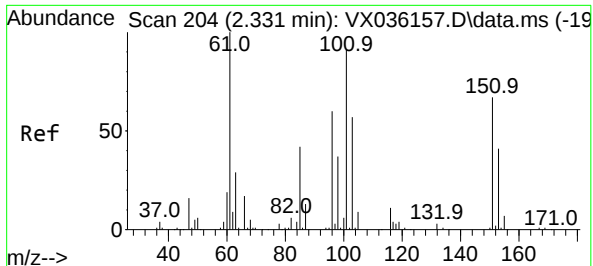
Tgt Ion:101 Resp: 181006
Ion Ratio Lower Upper
101 100
103 62.5 51.4 77.2



#8
Diethyl Ether
Concen: 46.188 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.005 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 74 Resp: 62193
Ion Ratio Lower Upper
74 100
45 103.5 53.3 159.8

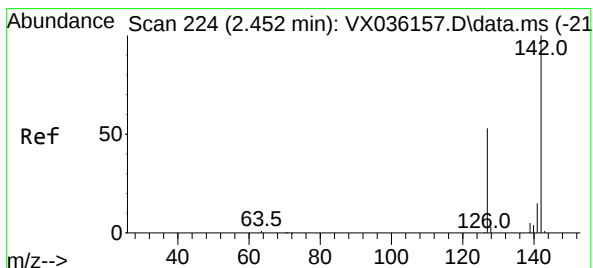
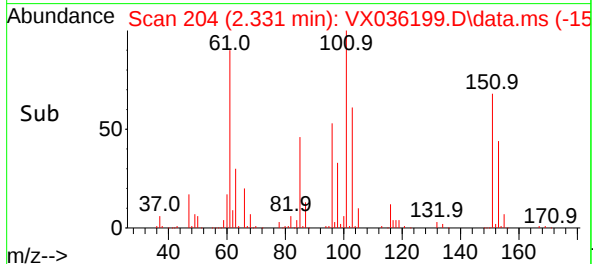
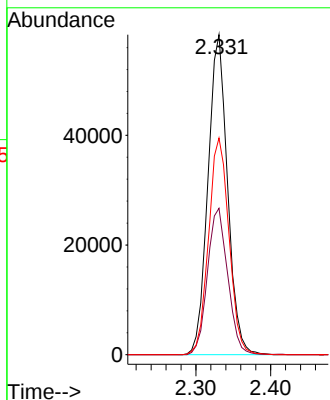
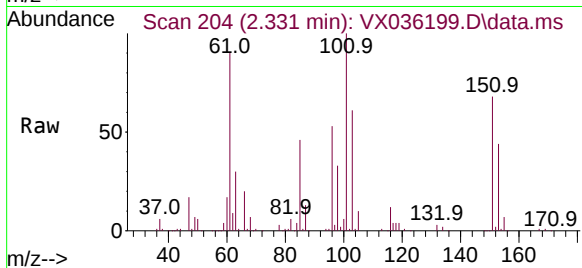




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.371 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
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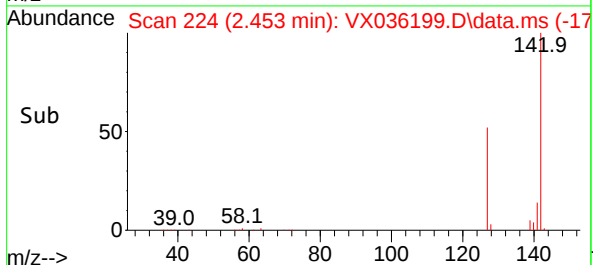
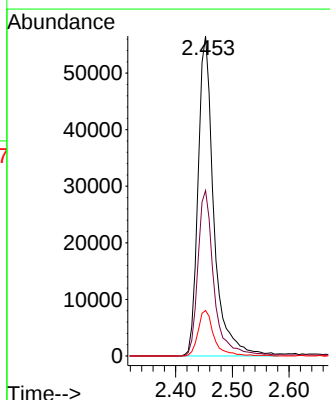
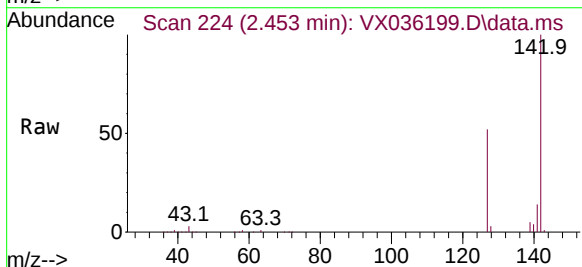
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

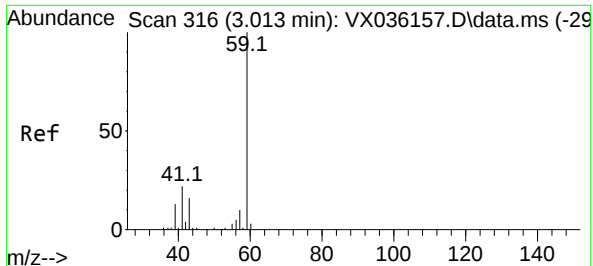
Tgt Ion:101 Resp: 105980
Ion Ratio Lower Upper
101 100
85 47.4 37.0 55.6
151 70.6 58.6 87.8



#10
Methyl Iodide
Concen: 51.510 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion:142 Resp: 109571
Ion Ratio Lower Upper
142 100
127 52.8 41.6 62.4
141 14.3 11.6 17.4





#11

Tert butyl alcohol

Concen: 219.501 ug/l

RT: 2.989 min Scan# 316

Delta R.T. -0.024 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

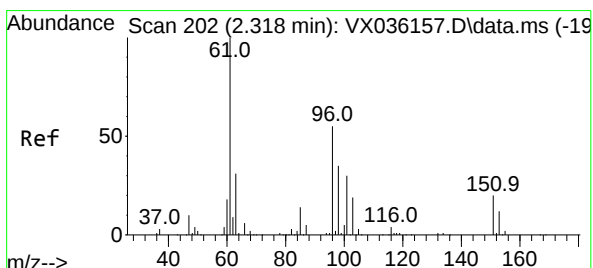
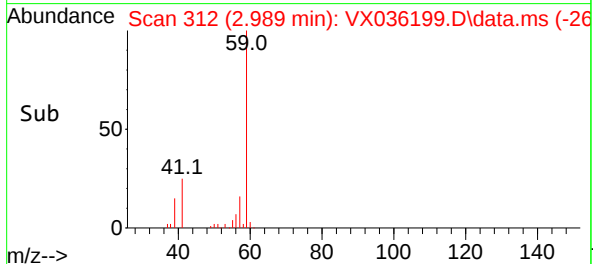
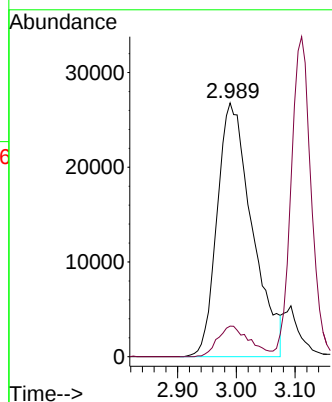
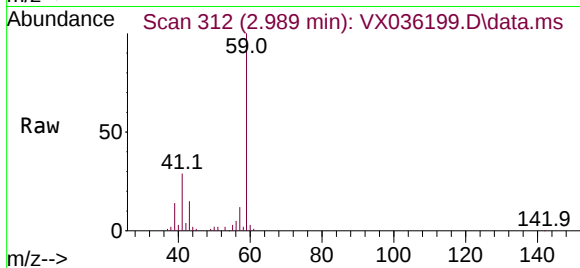
VSTDCCC050

Tgt Ion: 59 Resp: 110802

Ion Ratio Lower Upper

59 100

57 11.2 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 48.736 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.001 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

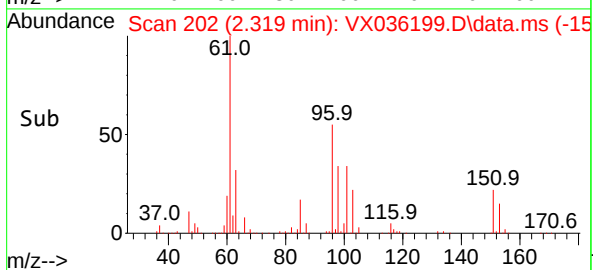
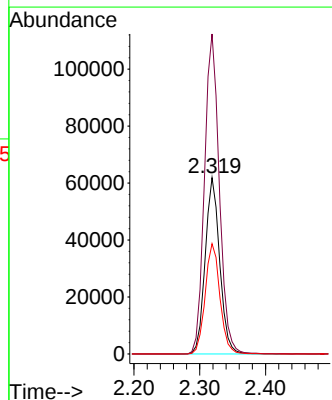
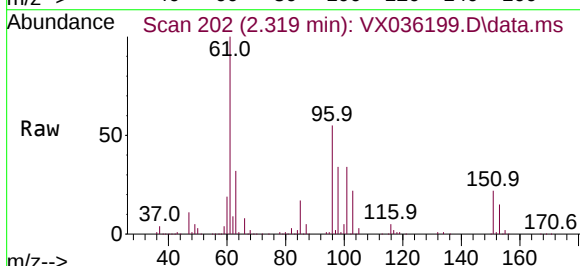
Tgt Ion: 96 Resp: 95076

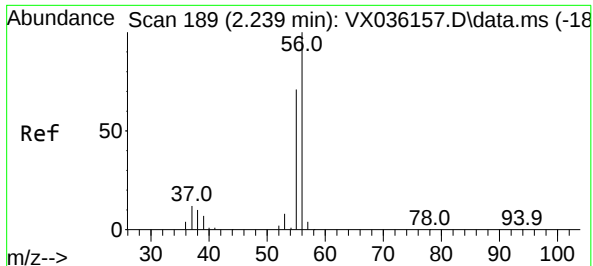
Ion Ratio Lower Upper

96 100

61 181.4 144.6 216.8

98 62.5 50.4 75.6

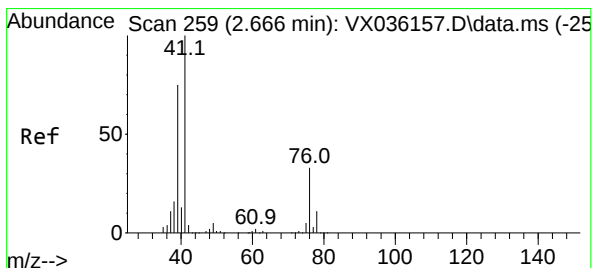
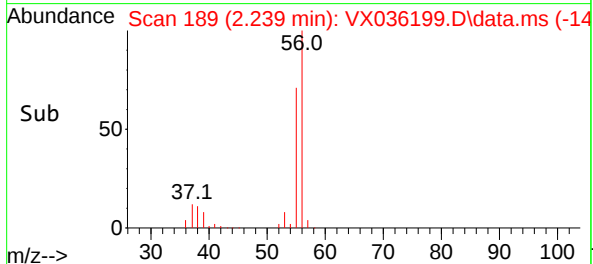
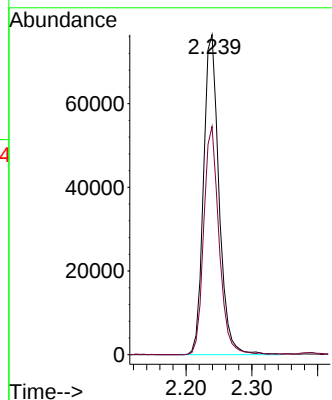
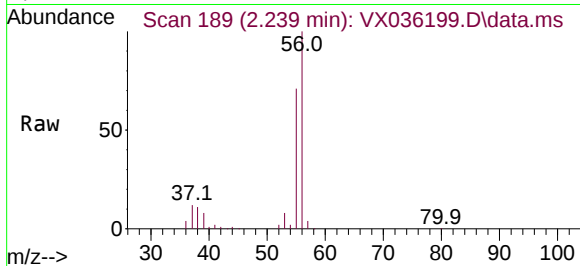




#13
Acrolein
Concen: 223.540 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

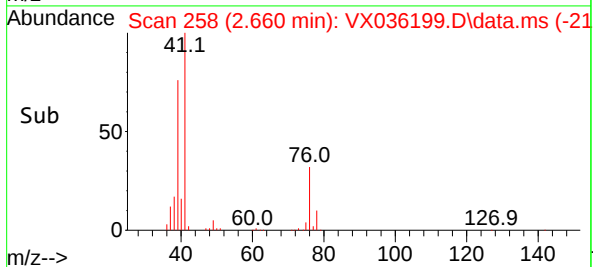
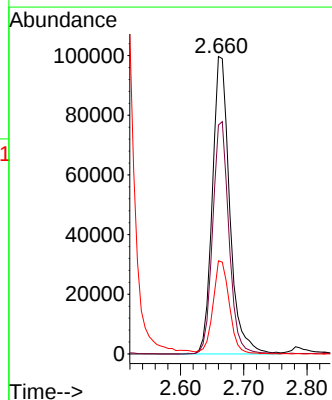
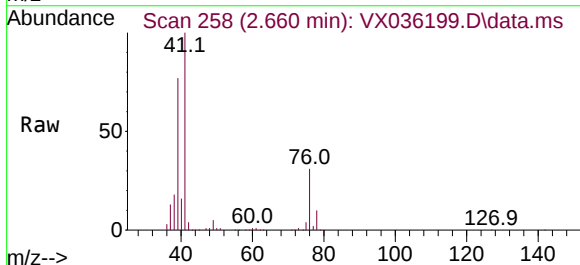
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

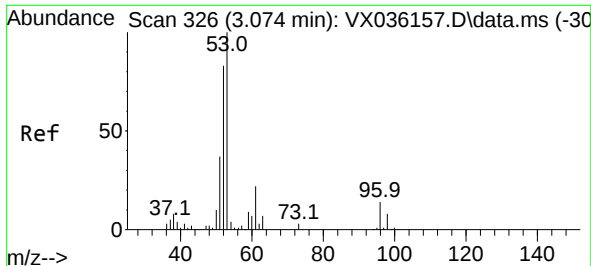
Tgt Ion: 56 Resp: 125312
Ion Ratio Lower Upper
56 100
55 70.7 57.1 85.7



#14
Allyl chloride
Concen: 48.282 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 41 Resp: 190584
Ion Ratio Lower Upper
41 100
39 73.2 55.8 83.6
76 29.6 24.3 36.5

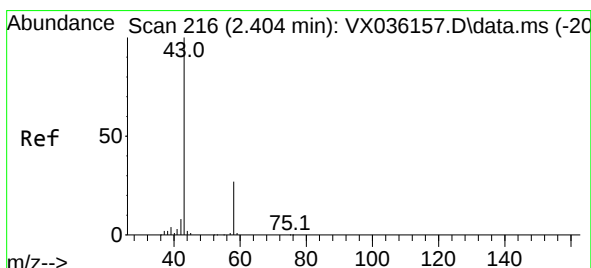
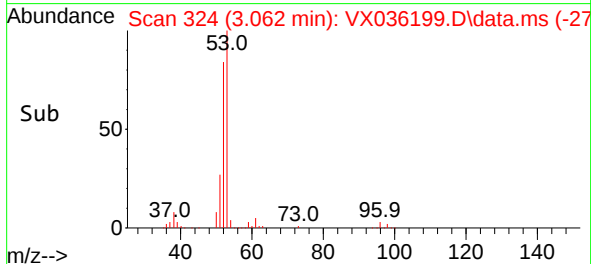
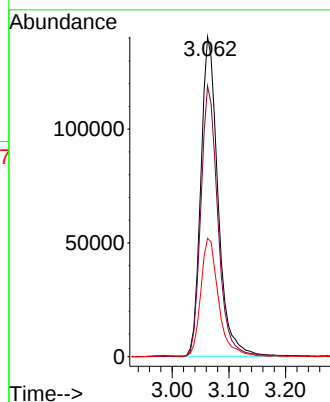
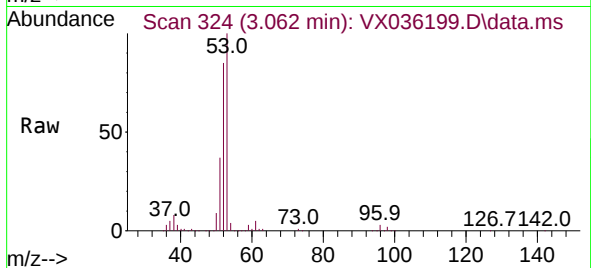




#15
Acrylonitrile
Concen: 229.315 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

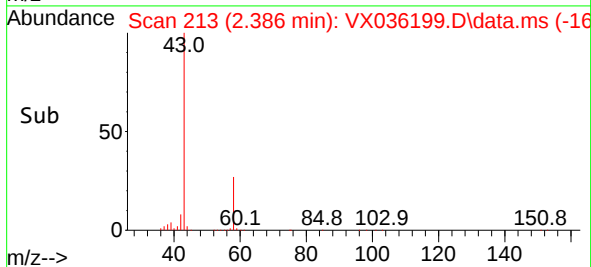
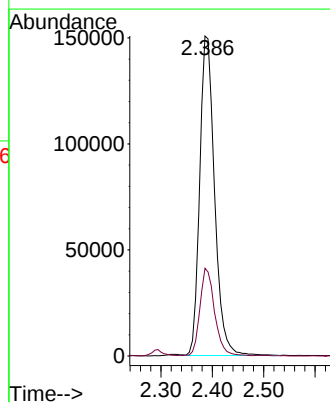
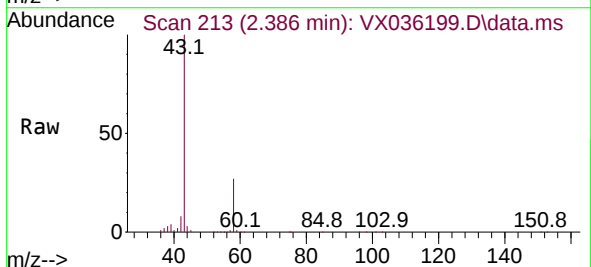
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

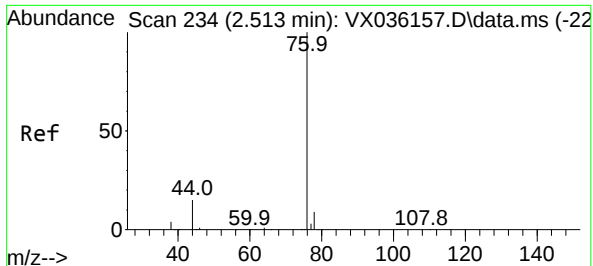
Tgt Ion: 53 Resp: 296118
Ion Ratio Lower Upper
53 100
52 84.2 66.0 99.0
51 37.7 29.8 44.6



#16
Acetone
Concen: 220.133 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.018 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 43 Resp: 301984
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9

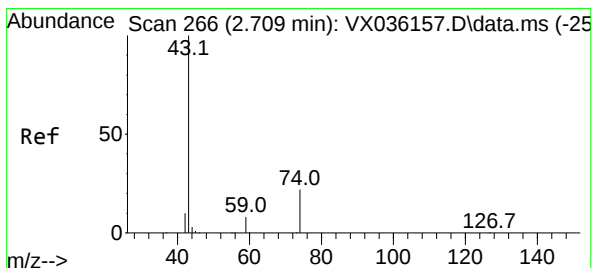
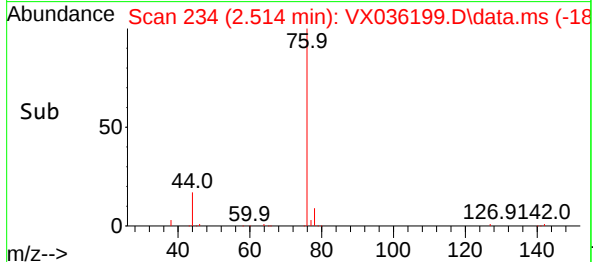
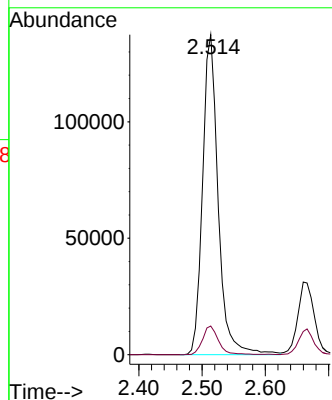
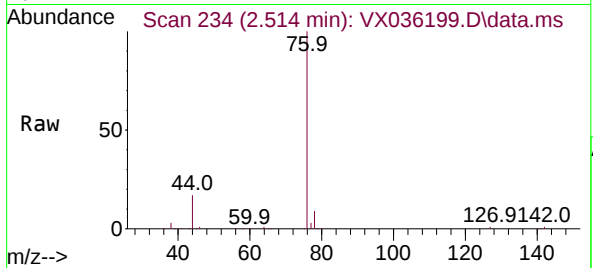




#17
Carbon Disulfide
Concen: 48.949 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

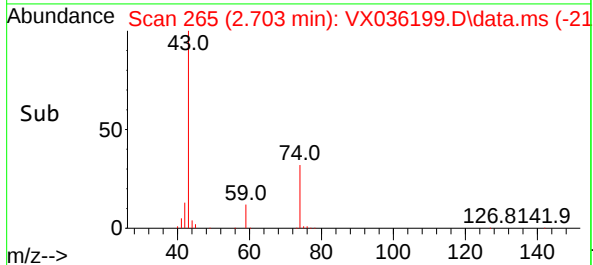
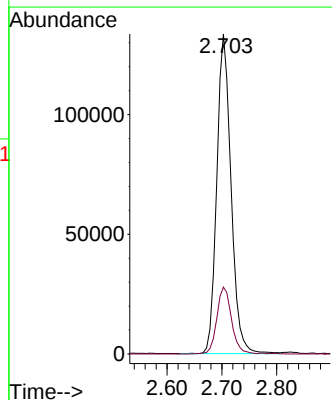
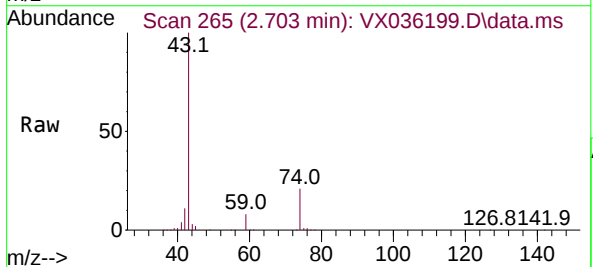
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

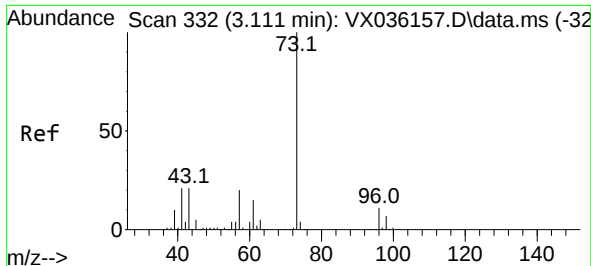
Tgt Ion: 76 Resp: 236034
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 46.270 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 43 Resp: 240736
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8

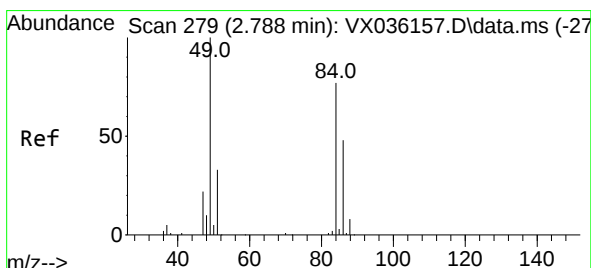
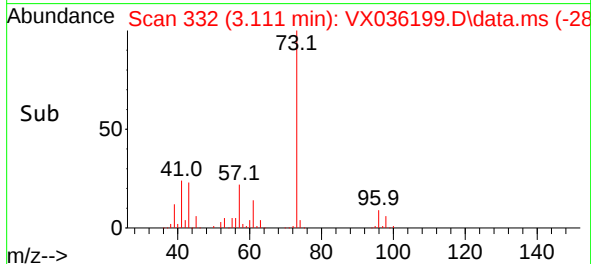
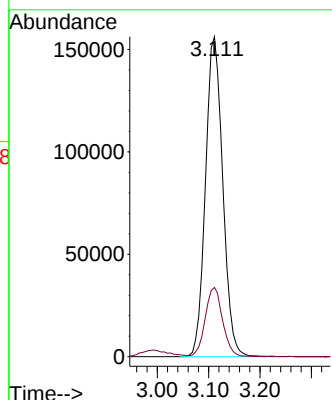
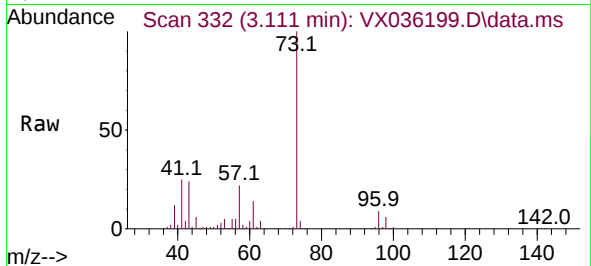




#19
Methyl tert-butyl Ether
Concen: 47.715 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

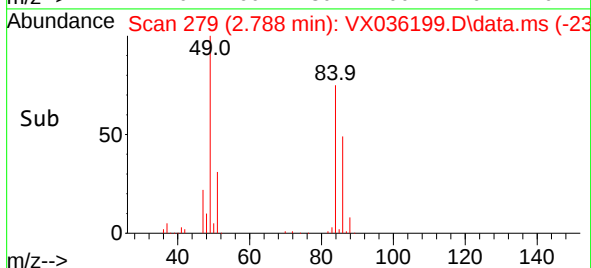
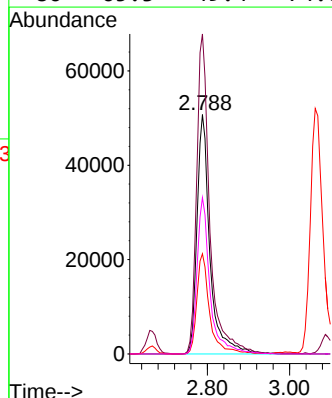
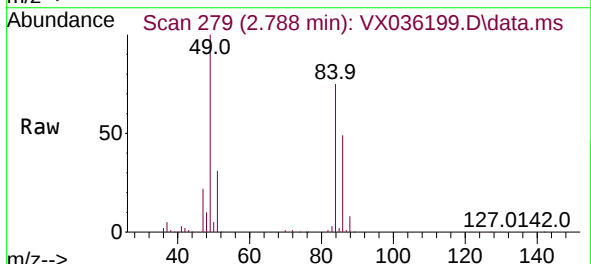
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

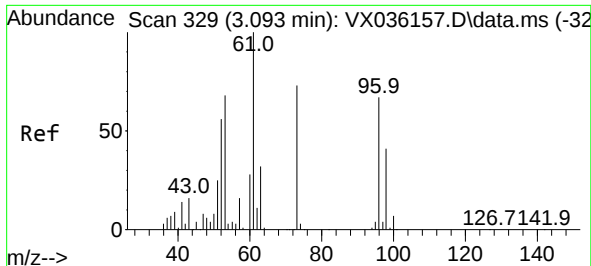
Tgt Ion: 73 Resp: 364399
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 44.630 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 84 Resp: 110925
Ion Ratio Lower Upper
84 100
49 133.7 103.6 155.4
51 41.8 33.8 50.6
86 65.3 49.4 74.0

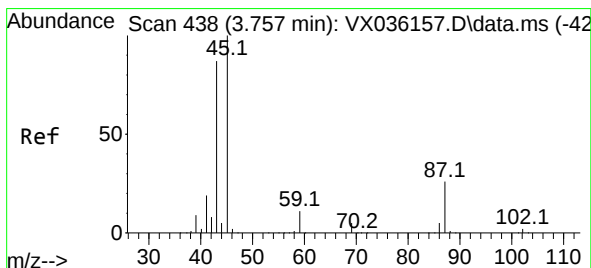
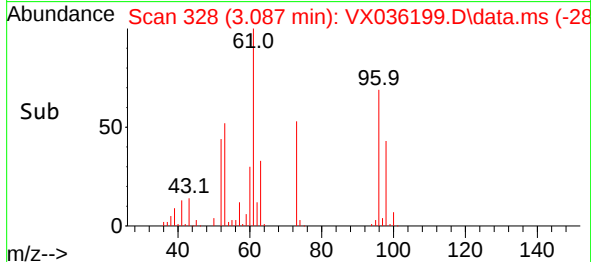
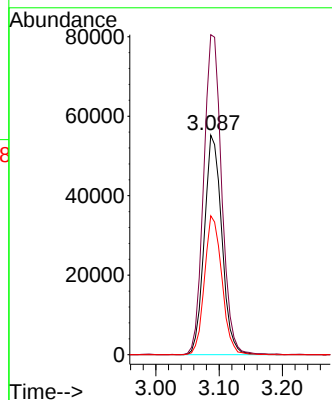
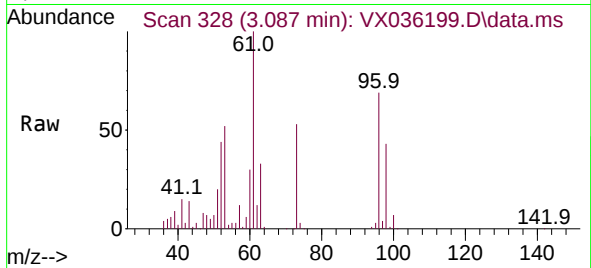




#21
trans-1,2-Dichloroethene
Concen: 49.174 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

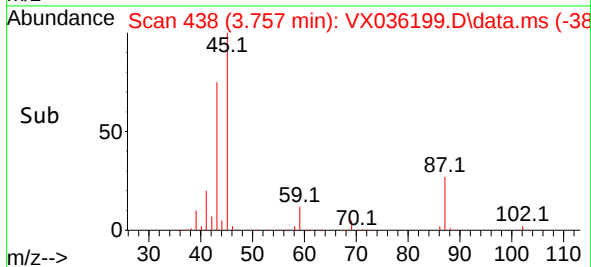
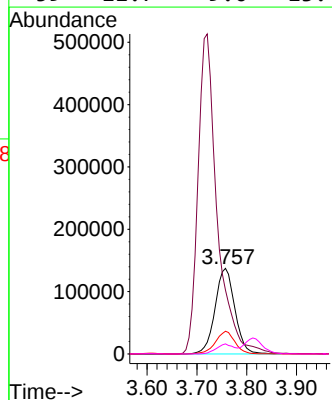
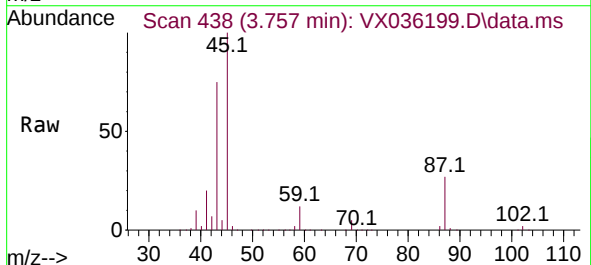
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

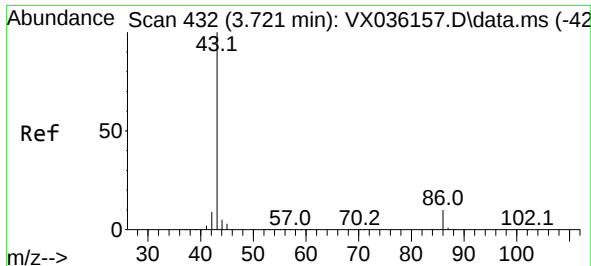
Tgt Ion: 96 Resp: 106584
Ion Ratio Lower Upper
96 100
61 145.8 119.2 178.8
98 63.3 48.7 73.1



#22
Diisopropyl ether
Concen: 48.207 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 45 Resp: 378666
Ion Ratio Lower Upper
45 100
43 74.4 69.7 104.5
87 26.5 20.8 31.2
59 11.7 9.0 13.4

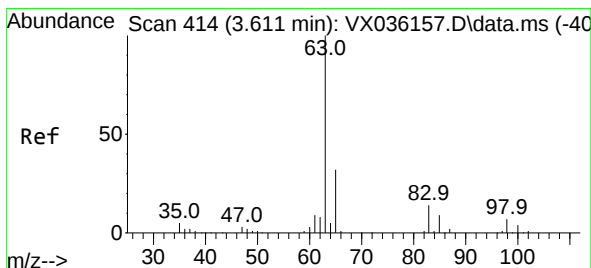
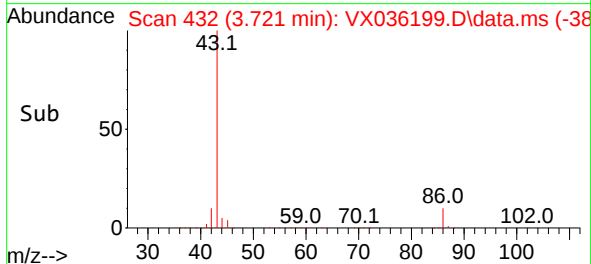
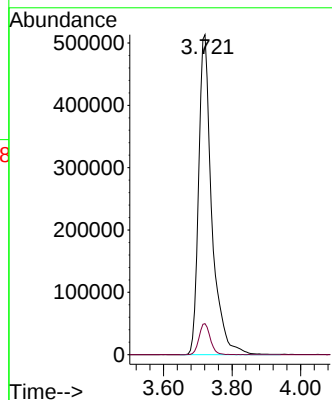
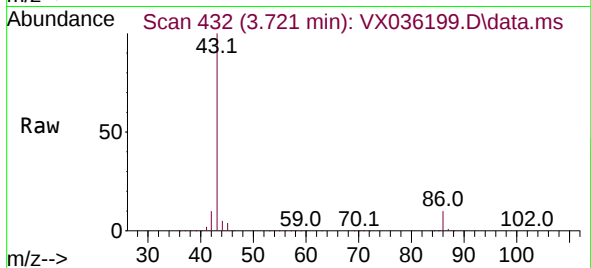




#23
 Vinyl Acetate
 Concen: 246.799 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX036199.D
 Acq: 19 Jun 2023 12:18

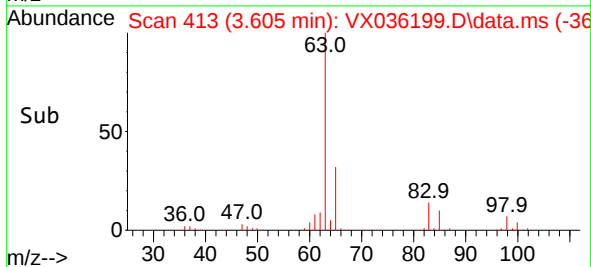
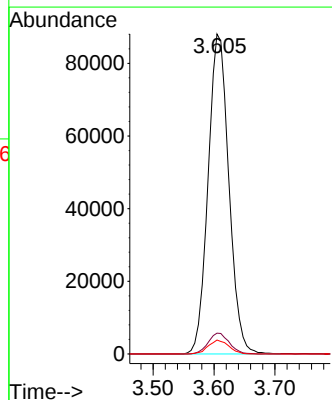
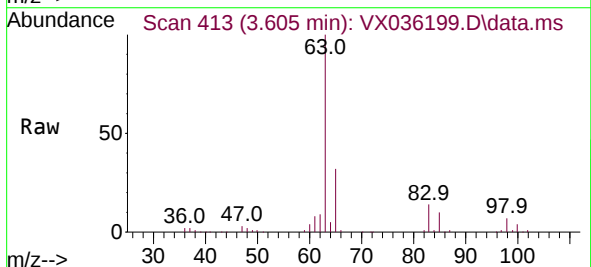
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

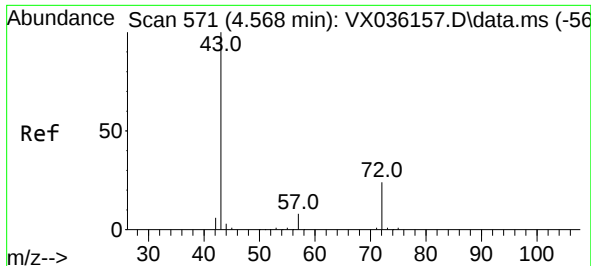
Tgt Ion: 43 Resp: 1373958
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 48.093 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX036199.D
 Acq: 19 Jun 2023 12:18

Tgt Ion: 63 Resp: 208721
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.4 2.1 6.5

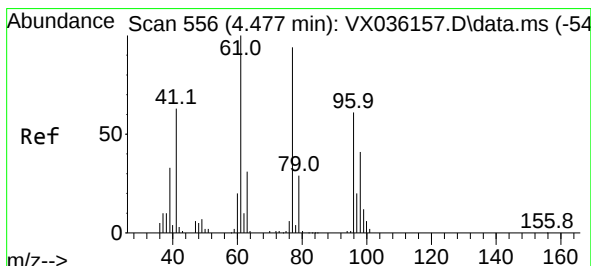
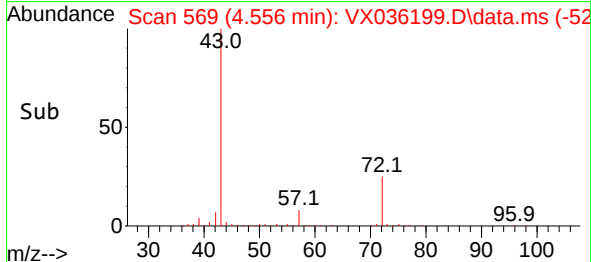
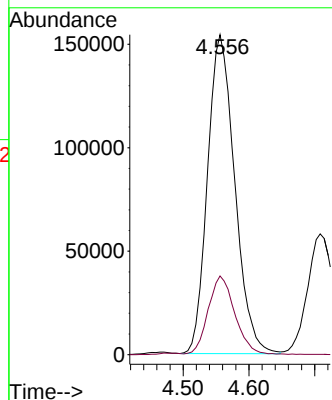
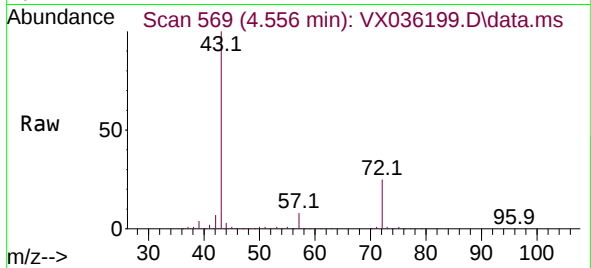




#25
2-Butanone
Concen: 230.888 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

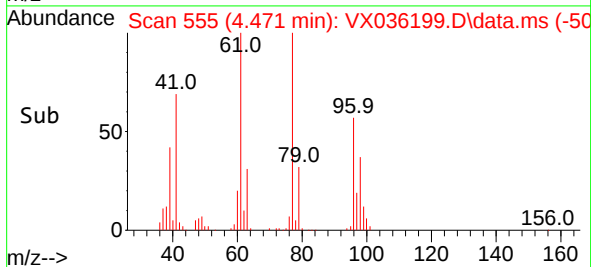
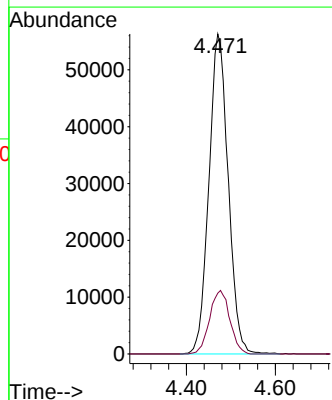
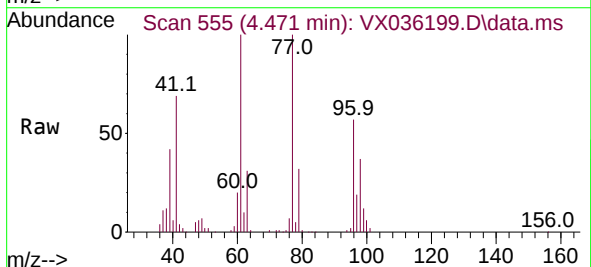
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

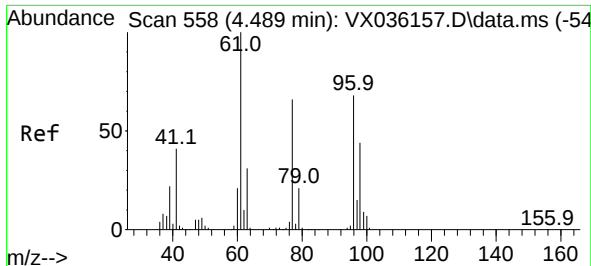
Tgt Ion: 43 Resp: 443429
Ion Ratio Lower Upper
43 100
72 24.5 19.4 29.2



#26
2,2-Dichloropropane
Concen: 50.288 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 77 Resp: 169716
Ion Ratio Lower Upper
77 100
97 20.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.859 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

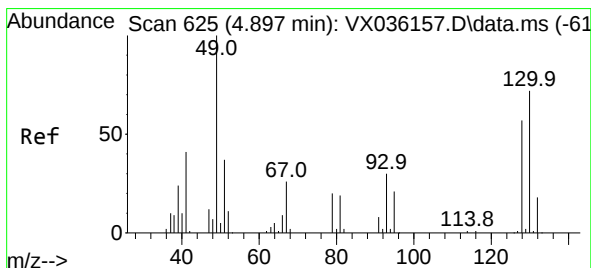
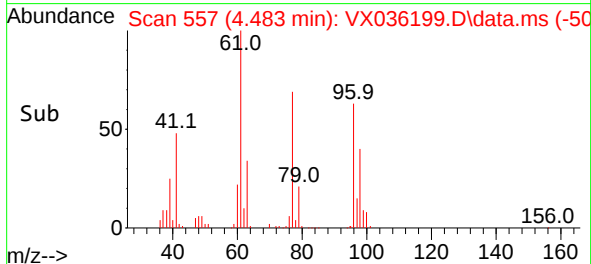
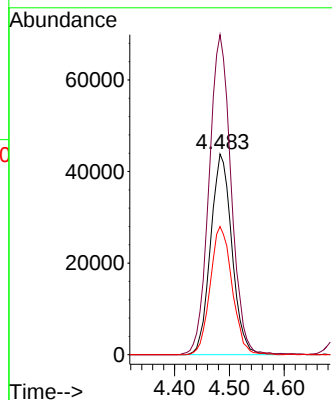
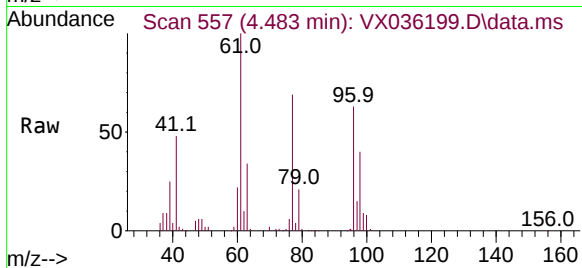
Tgt Ion: 96 Resp: 118621

Ion Ratio Lower Upper

96 100

61 164.4 0.0 312.2

98 65.4 0.0 129.0



#28

Bromochloromethane

Concen: 49.174 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

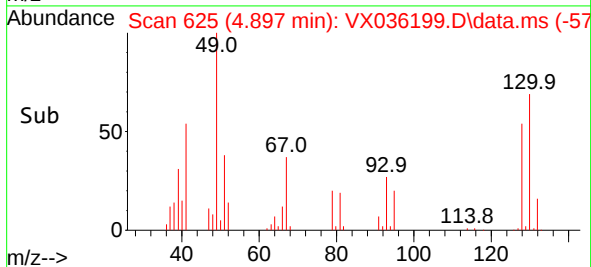
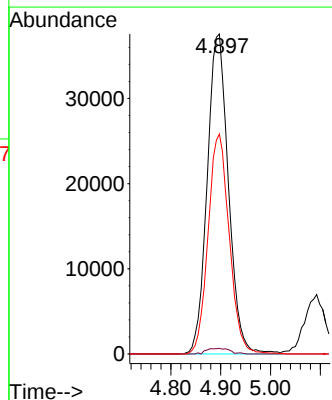
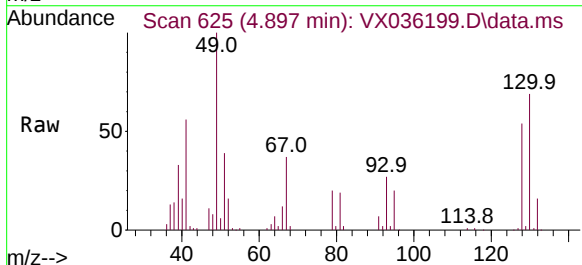
Tgt Ion: 49 Resp: 111249

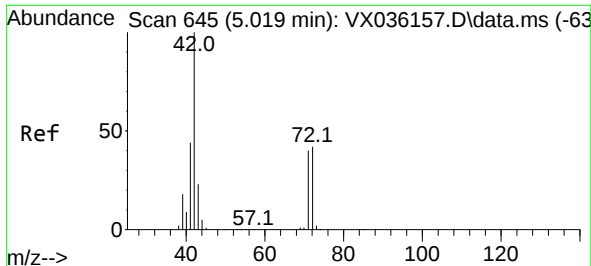
Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

130 68.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 233.587 ug/l

RT: 5.001 min Scan# 64

Delta R.T. -0.018 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

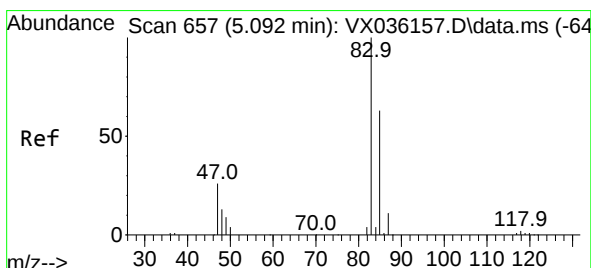
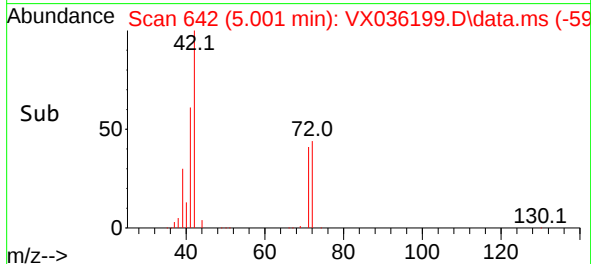
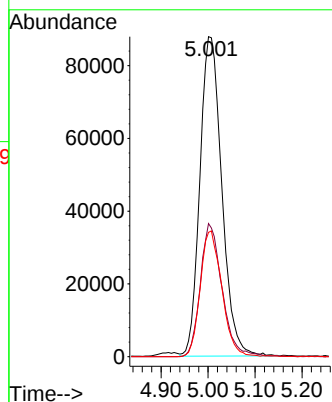
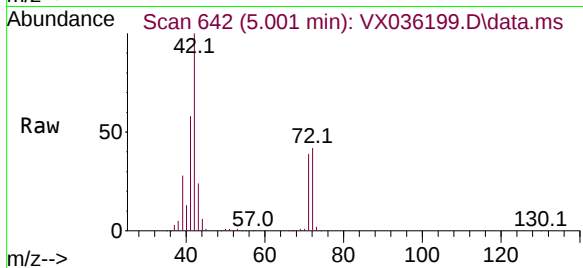
Tgt Ion: 42 Resp: 284917

Ion Ratio Lower Upper

42 100

72 41.2 34.2 51.4

71 38.7 32.2 48.2



#30

Chloroform

Concen: 48.632 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX036199.D

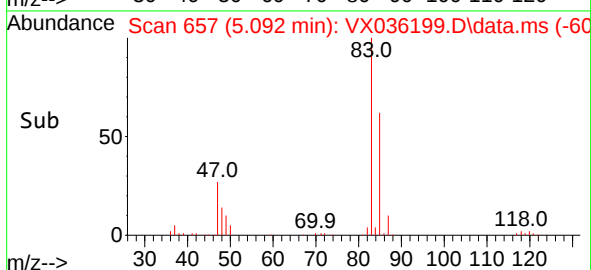
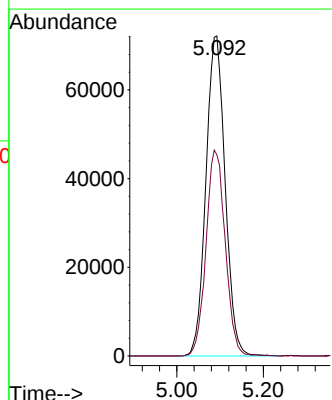
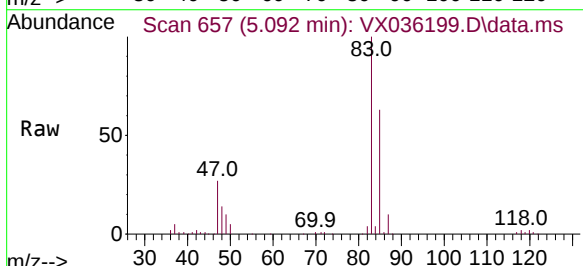
Acq: 19 Jun 2023 12:18

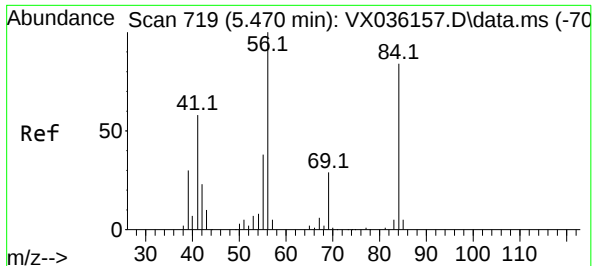
Tgt Ion: 83 Resp: 222281

Ion Ratio Lower Upper

83 100

85 62.9 50.3 75.5

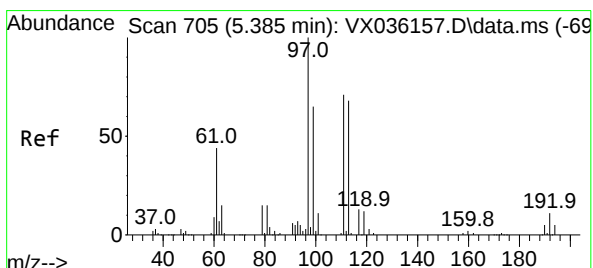
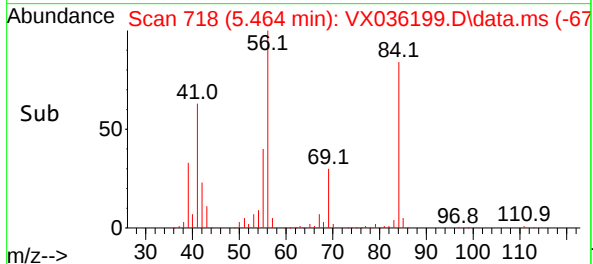
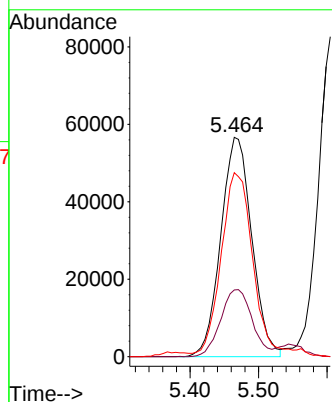
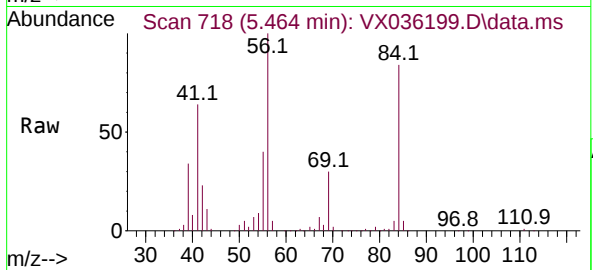




#31
Cyclohexane
Concen: 50.264 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

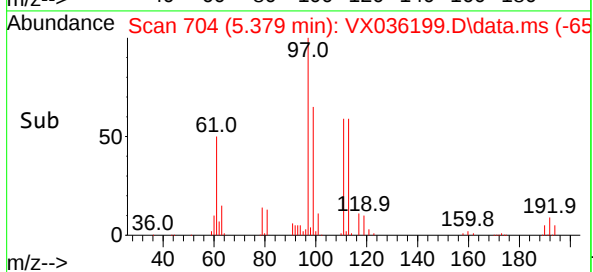
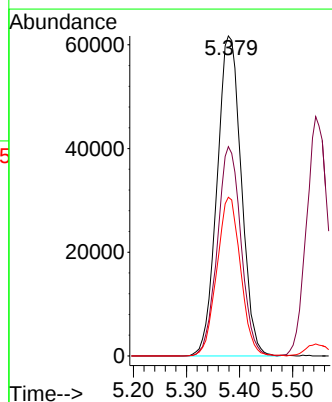
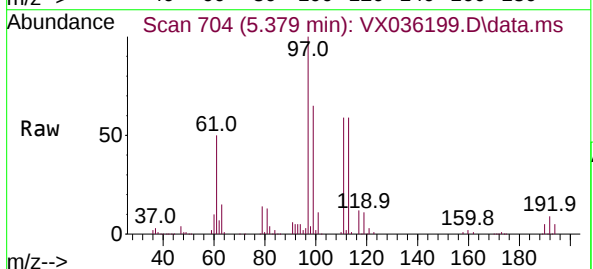
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

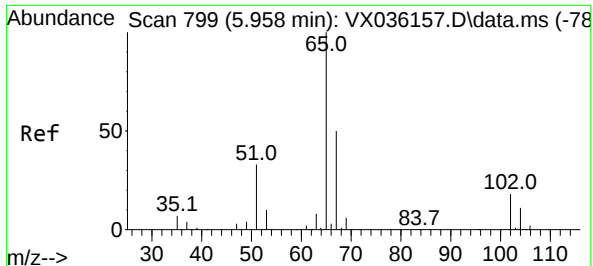
Tgt Ion: 56 Resp: 178045
Ion Ratio Lower Upper
56 100
69 30.3 23.4 35.2
84 82.1 65.9 98.9



#32
1,1,1-Trichloroethane
Concen: 50.536 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 97 Resp: 195832
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 48.7 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 48.153 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

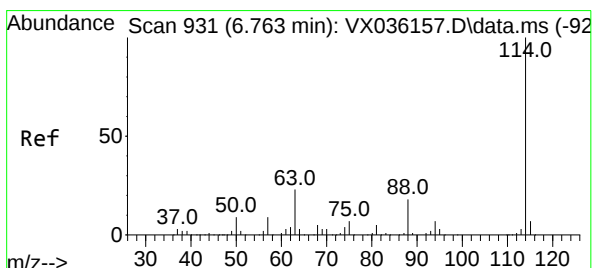
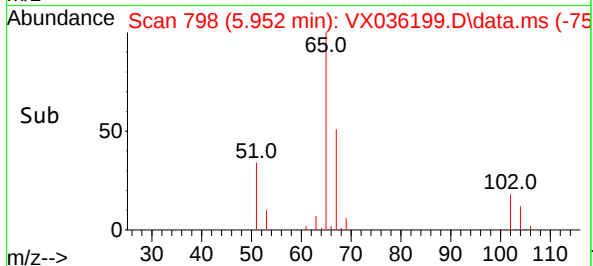
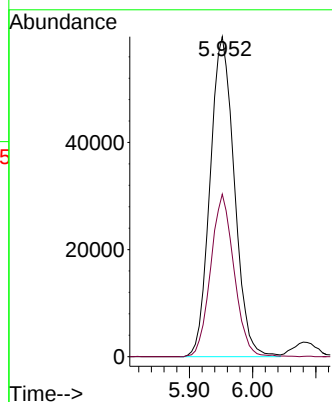
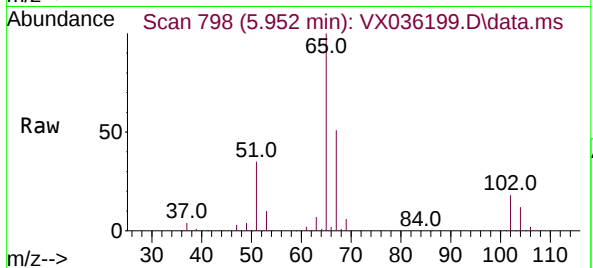
VSTDCCC050

Tgt Ion: 65 Resp: 158996

Ion Ratio Lower Upper

65 100

67 48.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

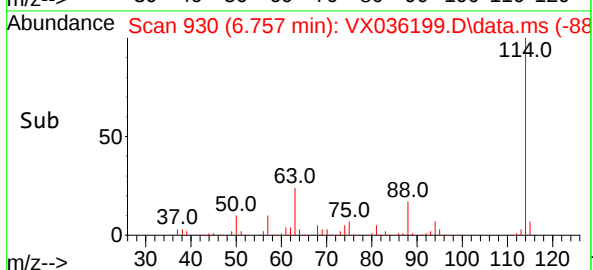
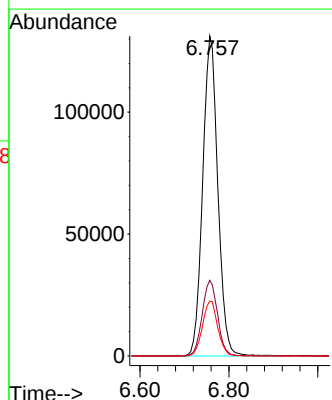
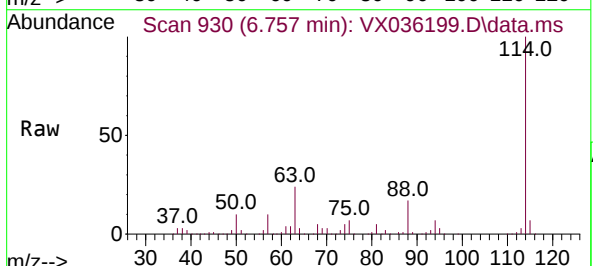
Tgt Ion: 114 Resp: 311228

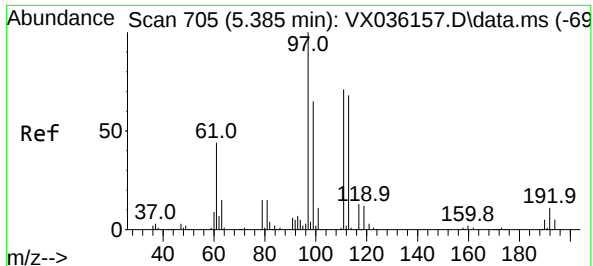
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.118 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

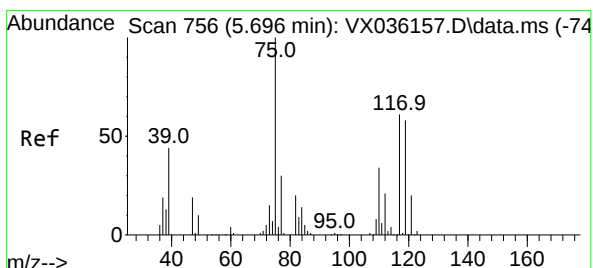
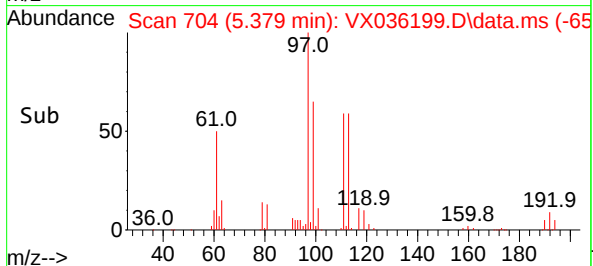
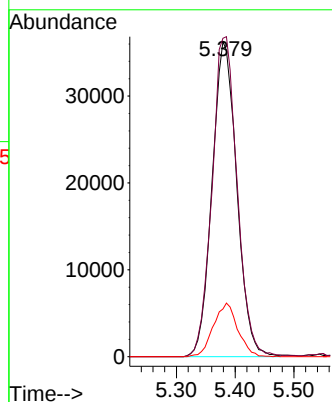
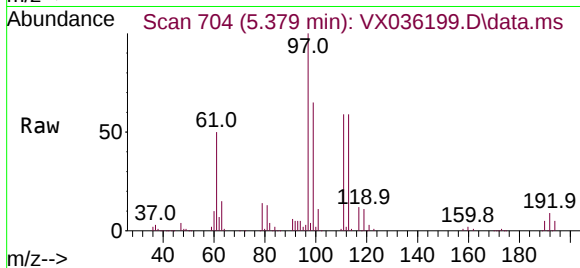
Tgt Ion:113 Resp: 105774

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 16.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 51.599 ug/l

RT: 5.690 min Scan# 755

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

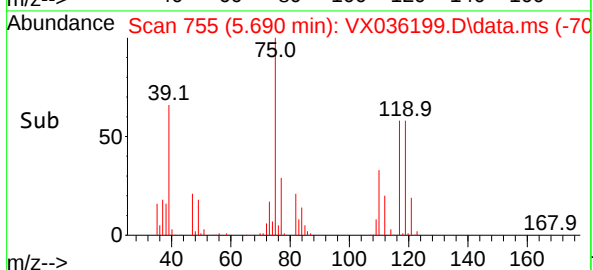
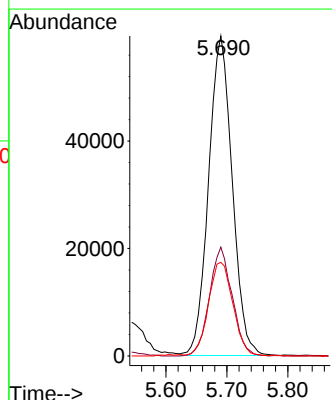
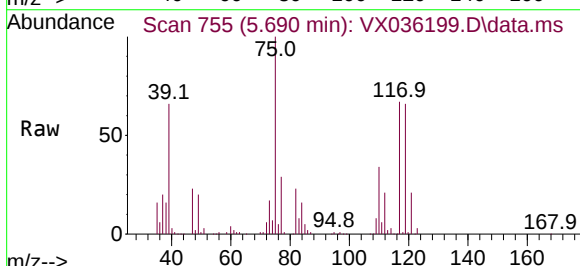
Tgt Ion: 75 Resp: 160414

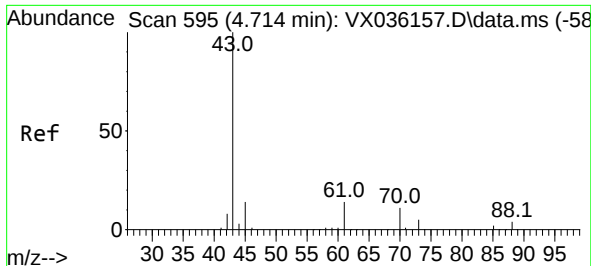
Ion Ratio Lower Upper

75 100

110 32.7 17.0 50.9

77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 47.111 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

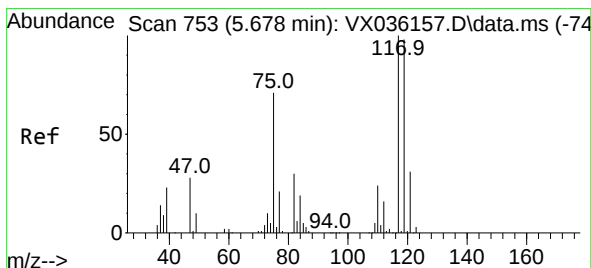
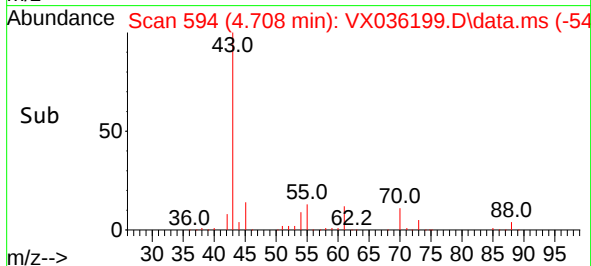
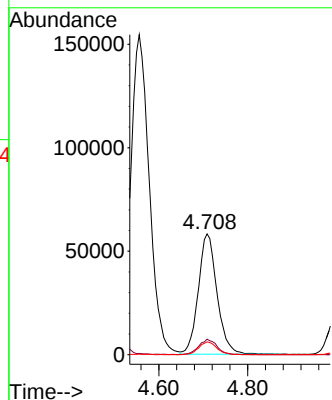
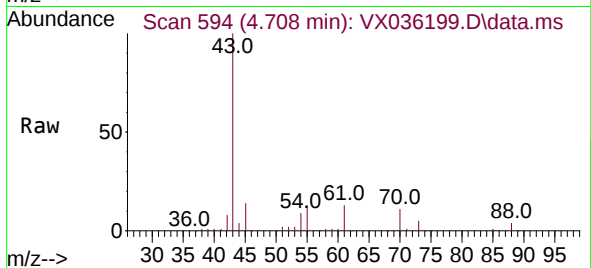
Tgt Ion: 43 Resp: 170638

Ion Ratio Lower Upper

43 100

61 12.6 10.6 16.0

70 10.3 8.3 12.5



#38

Carbon Tetrachloride

Concen: 53.888 ug/l

RT: 5.672 min Scan# 752

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

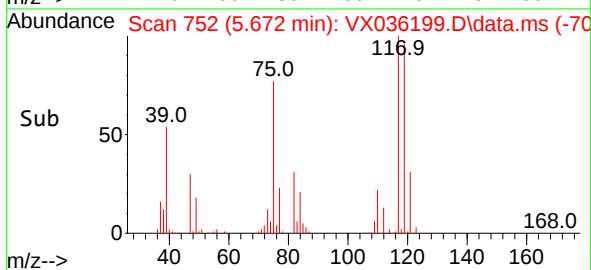
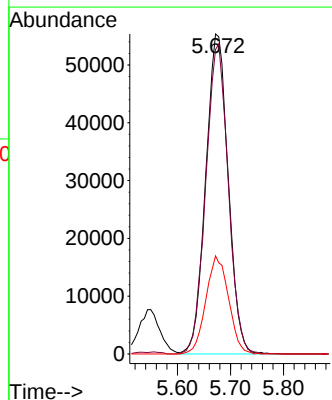
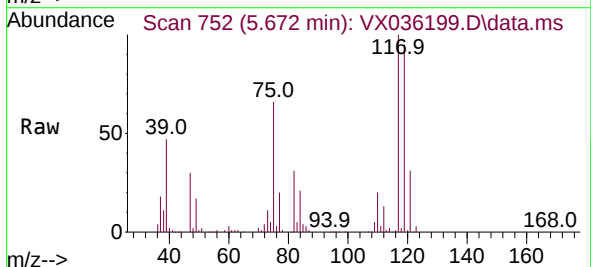
Tgt Ion: 117 Resp: 162857

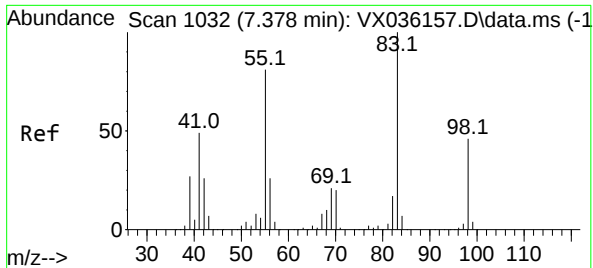
Ion Ratio Lower Upper

117 100

119 95.0 78.2 117.2

121 30.7 24.4 36.6

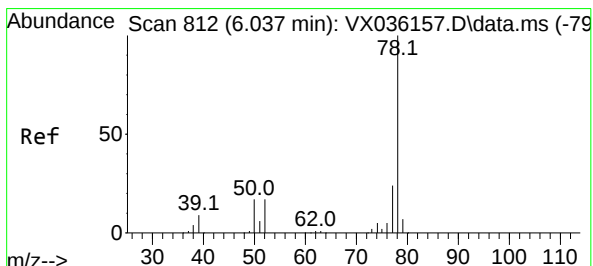
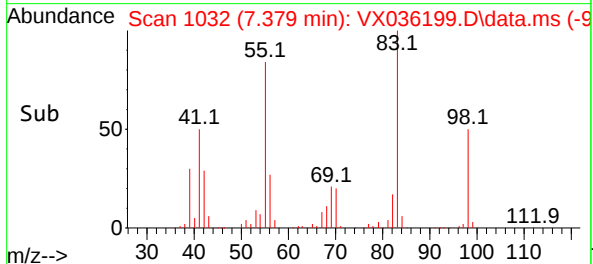
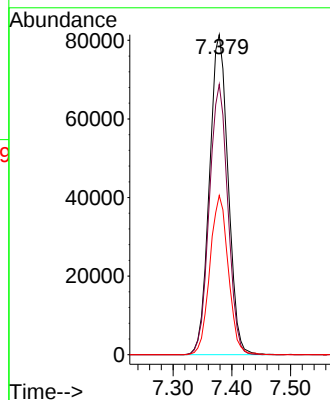
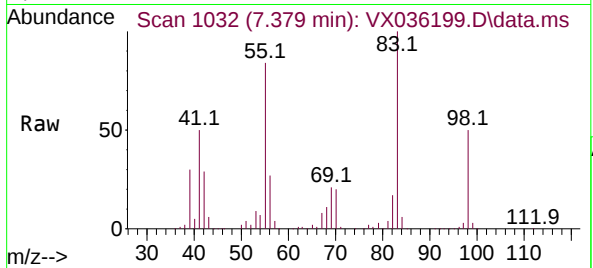




#39
Methylcyclohexane
Concen: 53.721 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

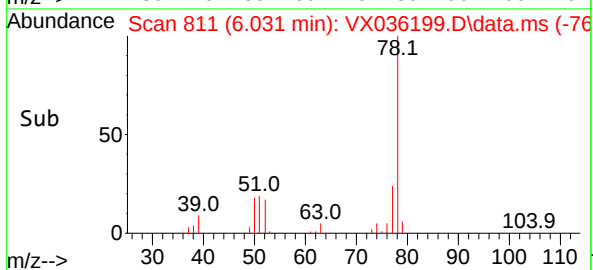
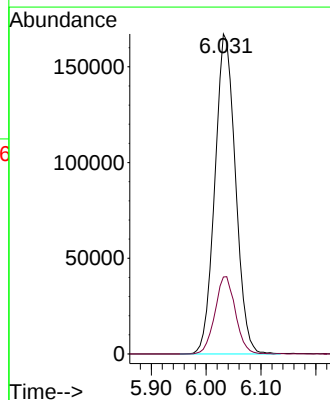
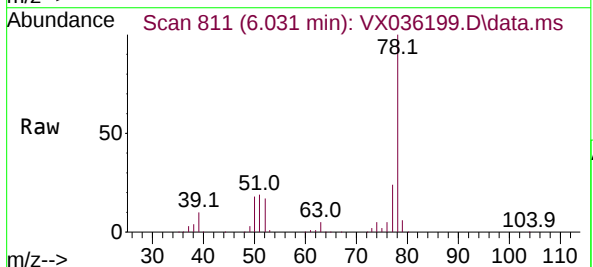
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

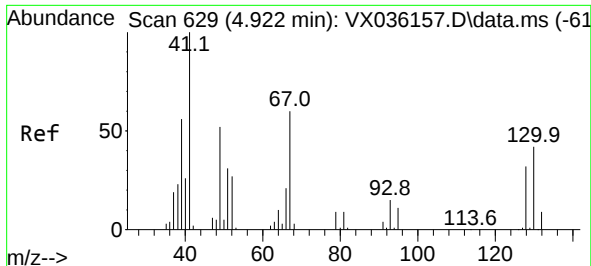
Tgt Ion: 83 Resp: 179871
Ion Ratio Lower Upper
83 100
55 84.4 64.6 97.0
98 49.8 36.7 55.1



#40
Benzene
Concen: 49.942 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 78 Resp: 436614
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9



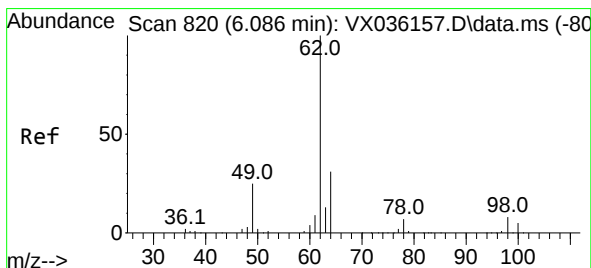
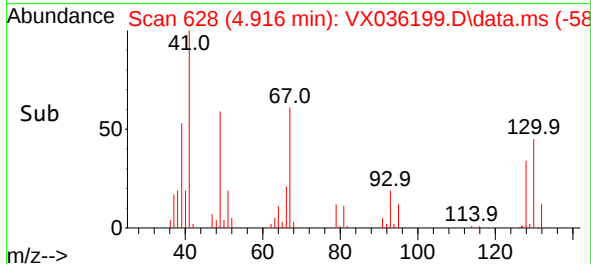
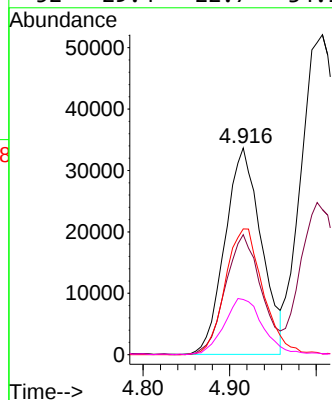
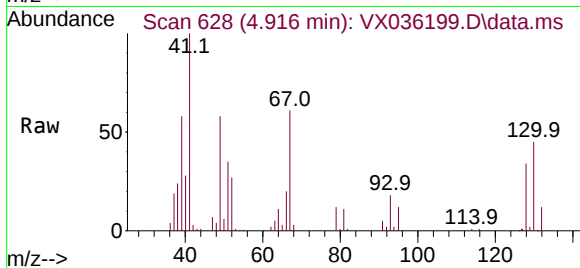


#41
Methacrylonitrile
Concen: 49.076 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 98002

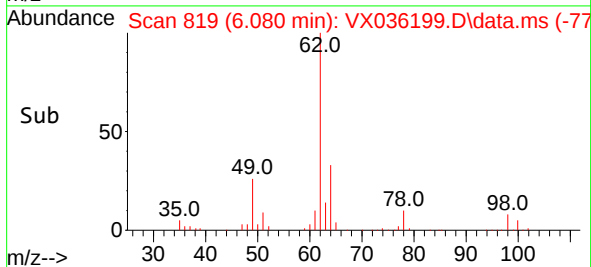
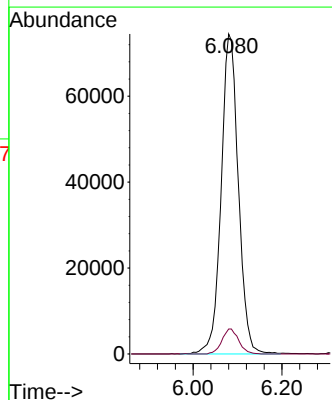
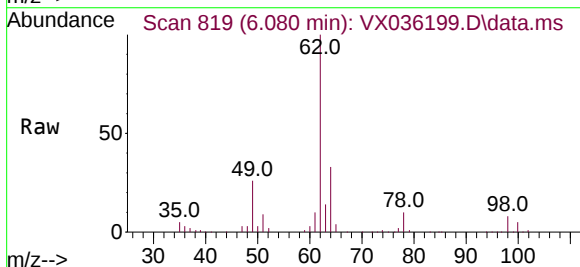
Ion	Ratio	Lower	Upper
41	100		
39	57.6	45.2	67.8
67	64.2	52.6	78.8
52	29.4	22.7	34.1

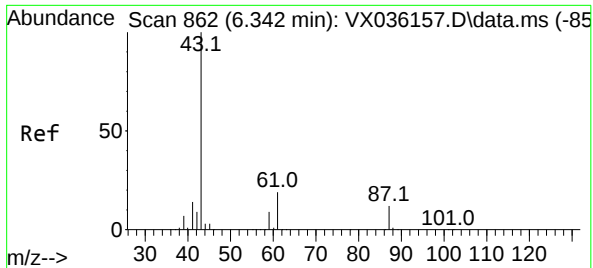


#42
1,2-Dichloroethane
Concen: 50.611 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 62 Resp: 199330

Ion	Ratio	Lower	Upper
62	100		
98	7.6	0.0	16.0

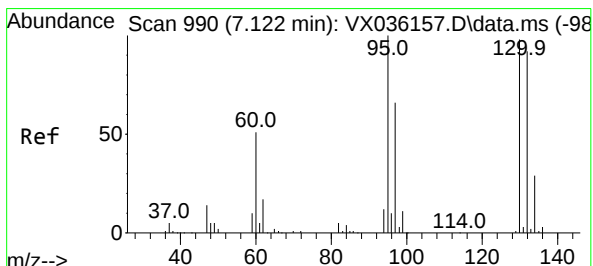
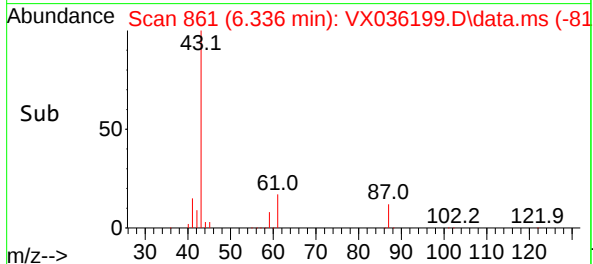
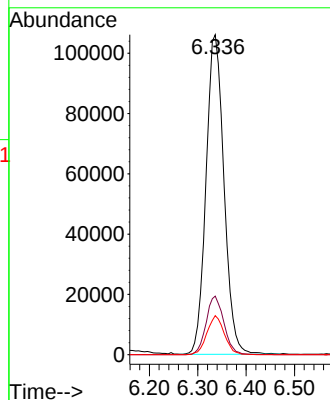
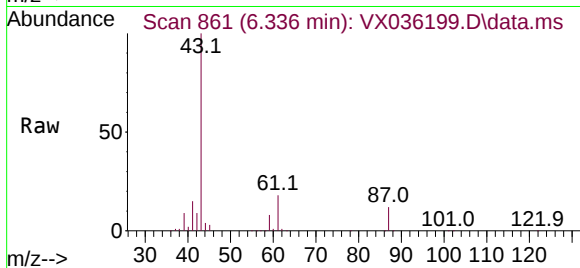




#43
Isopropyl Acetate
Concen: 49.408 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

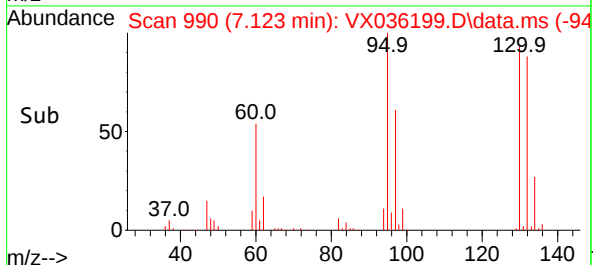
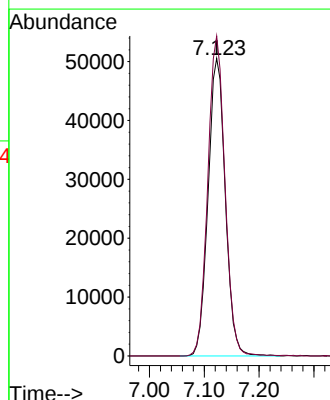
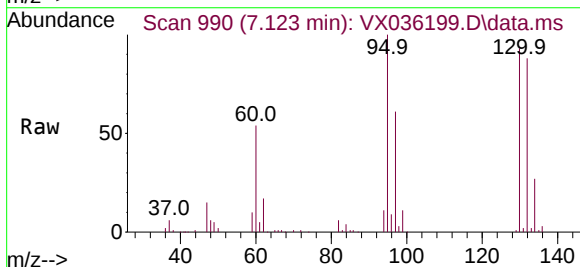
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

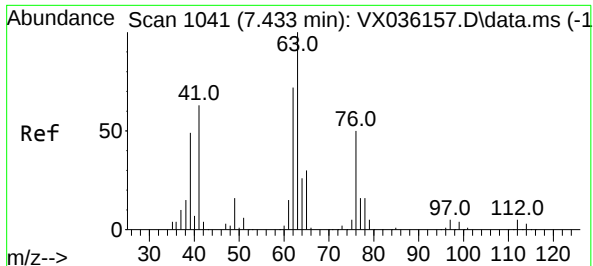
Tgt Ion: 43 Resp: 273877
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 11.8 9.8 14.6



#44
Trichloroethene
Concen: 50.382 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion:130 Resp: 110067
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.704 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

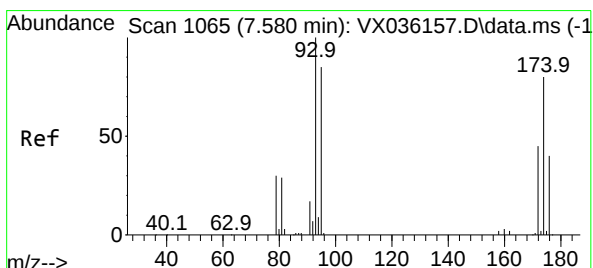
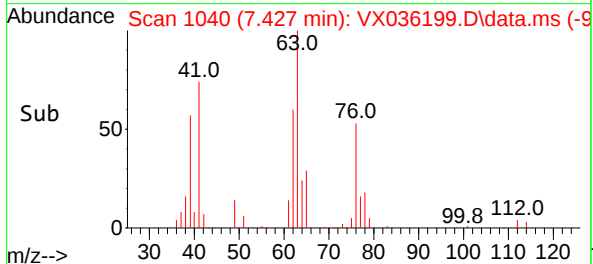
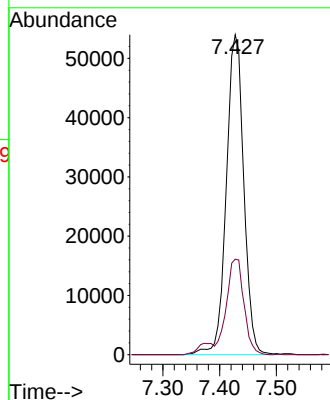
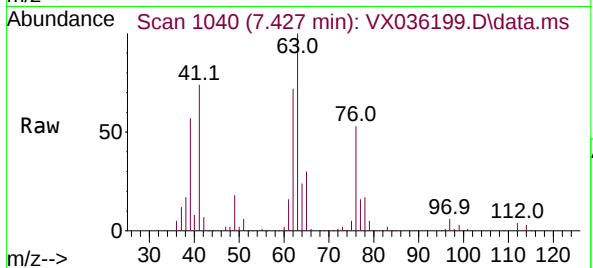
VSTDCCC050

Tgt Ion: 63 Resp: 115526

Ion Ratio Lower Upper

63 100

65 29.9 24.3 36.5



#46

Dibromomethane

Concen: 50.539 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

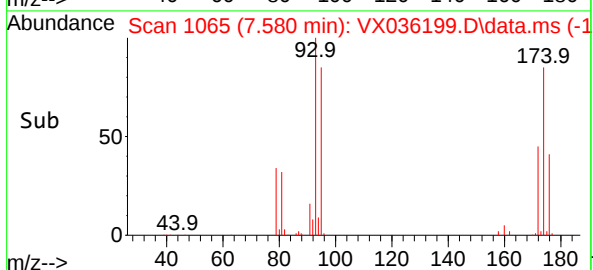
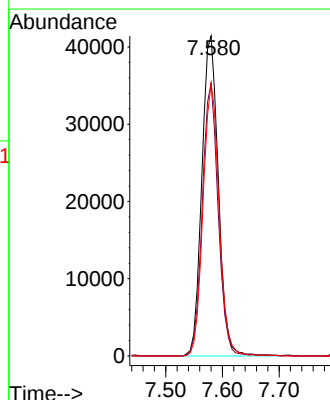
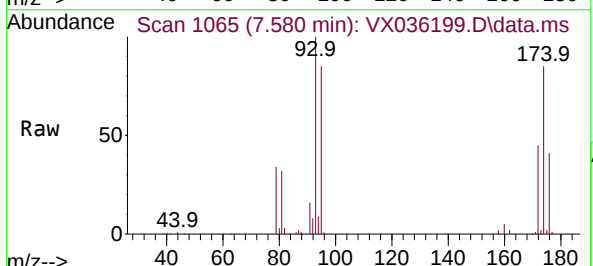
Tgt Ion: 93 Resp: 83680

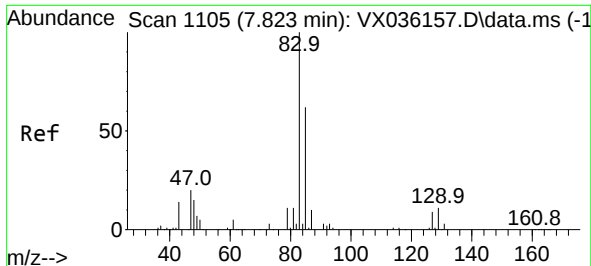
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 82.8 69.4 104.0

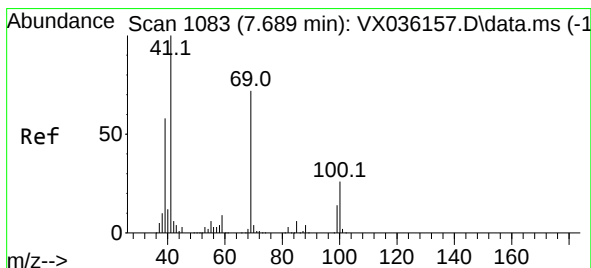
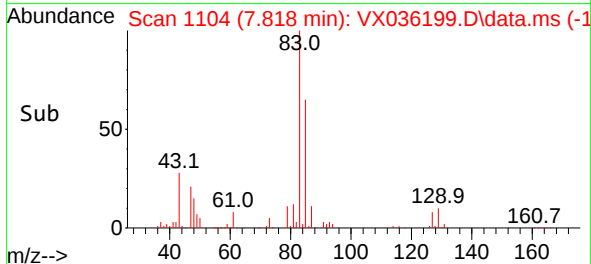
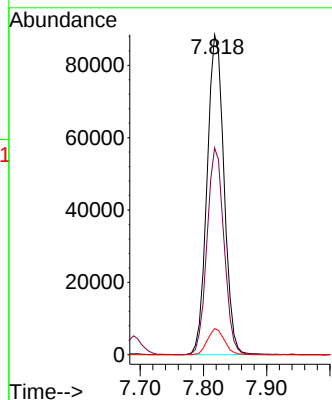
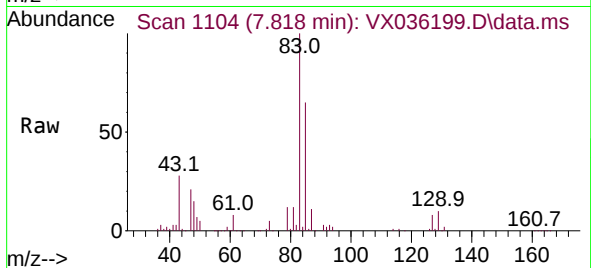




#47
Bromodichloromethane
Concen: 51.796 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.005 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

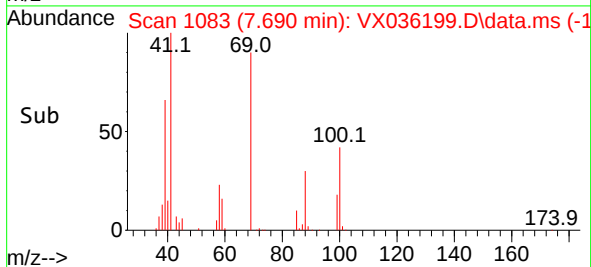
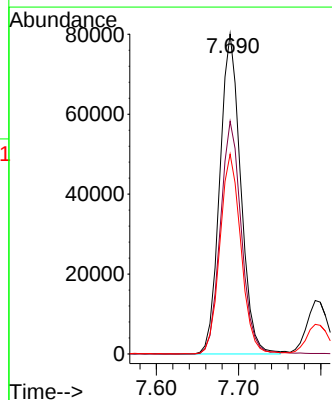
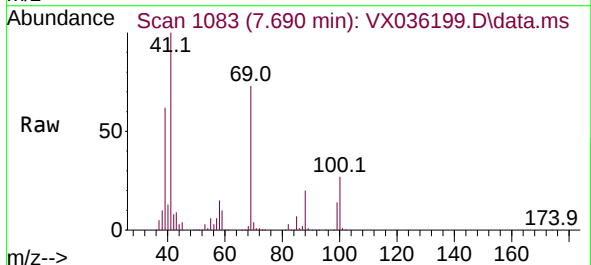
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

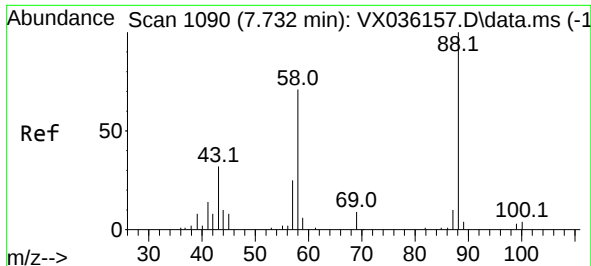
Tgt Ion: 83 Resp: 164648
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.6
127 8.1 7.1 10.7



#48
Methyl methacrylate
Concen: 49.813 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 41 Resp: 141666
Ion Ratio Lower Upper
41 100
69 73.3 59.2 88.8
39 63.0 47.7 71.5





#49

1,4-Dioxane

Concen: 1124.337 ug/l

RT: 7.702 min Scan# 1085

Delta R.T. -0.030 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

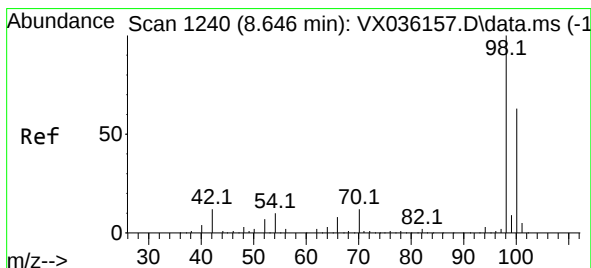
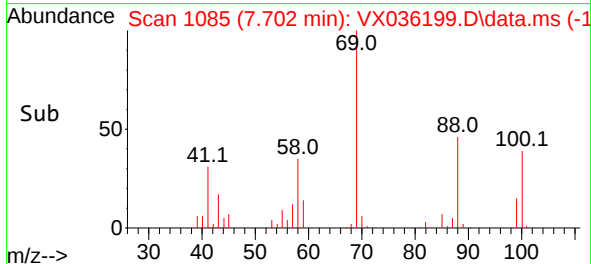
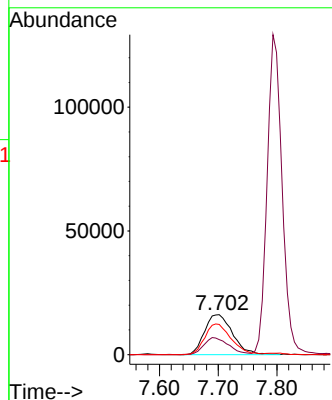
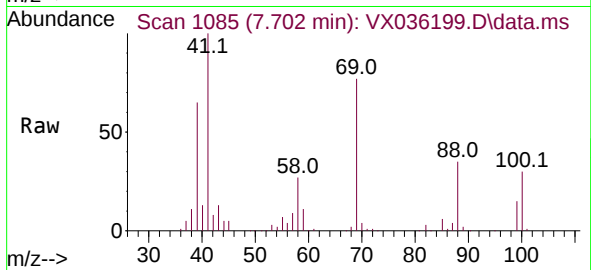
Tgt Ion: 88 Resp: 53536

Ion Ratio Lower Upper

88 100

43 38.4 0.0 0.0#

58 72.3 60.1 90.1



#50

Toluene-d8

Concen: 48.225 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX036199.D

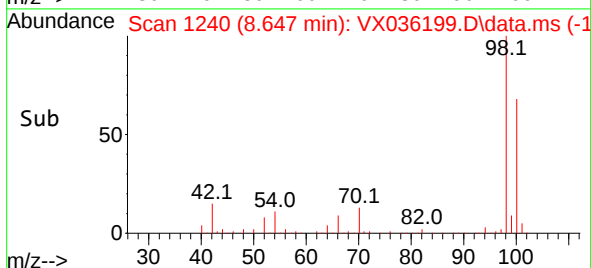
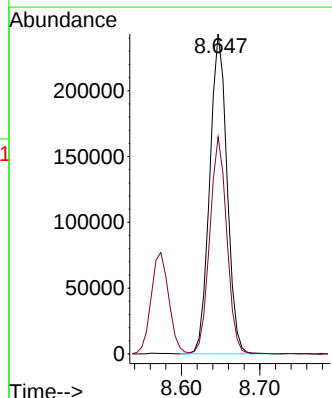
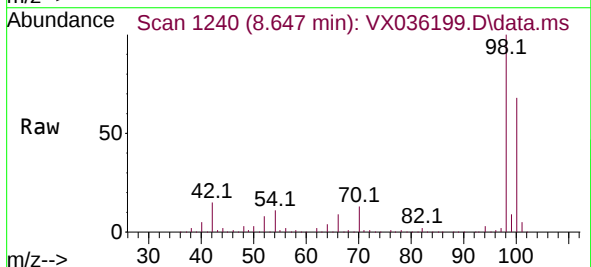
Acq: 19 Jun 2023 12:18

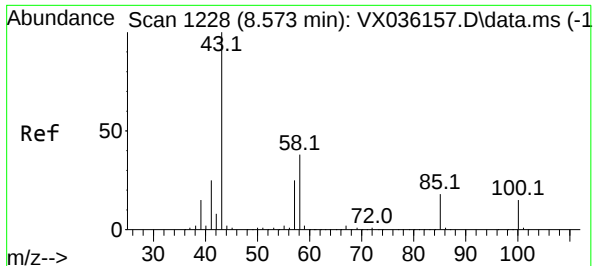
Tgt Ion: 98 Resp: 372293

Ion Ratio Lower Upper

98 100

100 66.8 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 244.748 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. 0.001 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

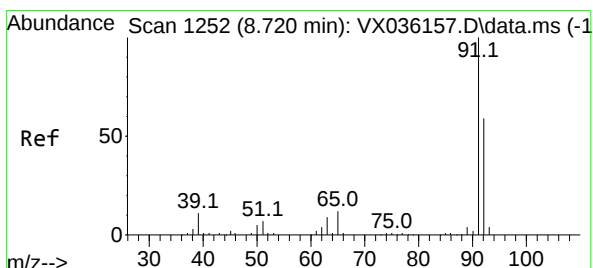
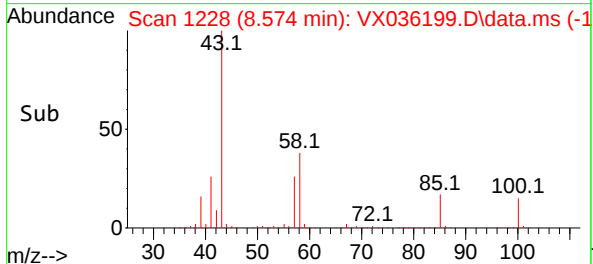
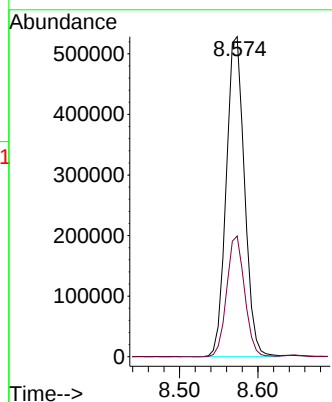
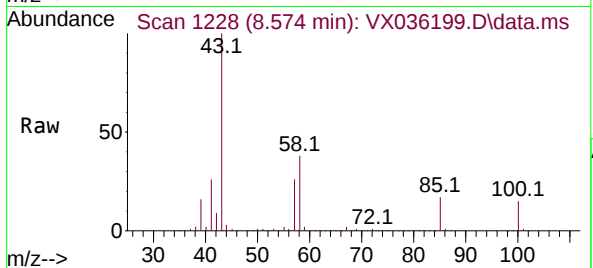
VSTDCCC050

Tgt Ion: 43 Resp: 856639

Ion Ratio Lower Upper

43 100

58 37.0 30.4 45.6



#52

Toluene

Concen: 49.707 ug/l

RT: 8.714 min Scan# 1251

Delta R.T. -0.006 min

Lab File: VX036199.D

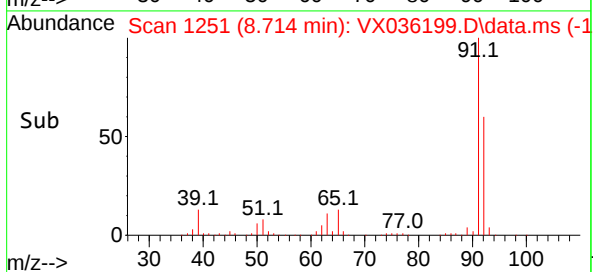
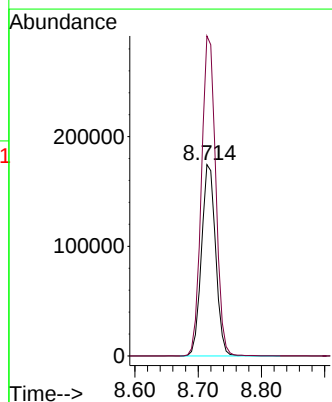
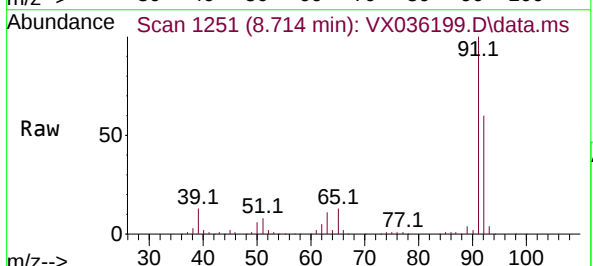
Acq: 19 Jun 2023 12:18

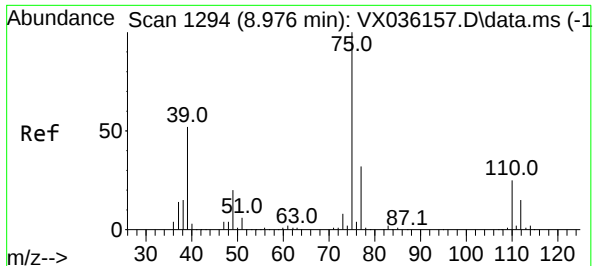
Tgt Ion: 92 Resp: 272078

Ion Ratio Lower Upper

92 100

91 168.8 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 51.961 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

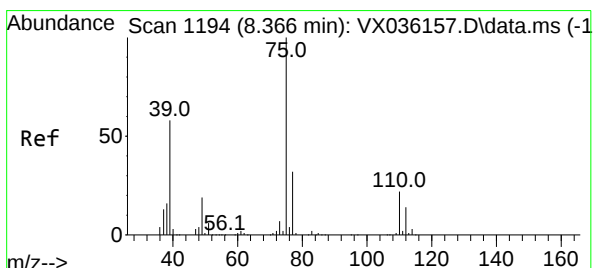
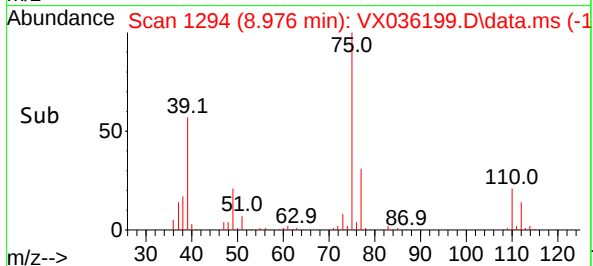
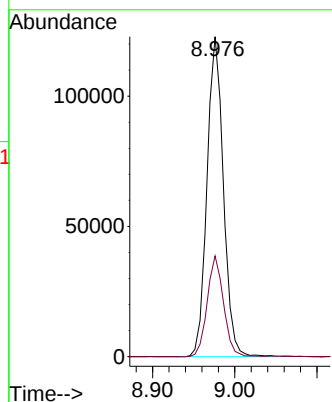
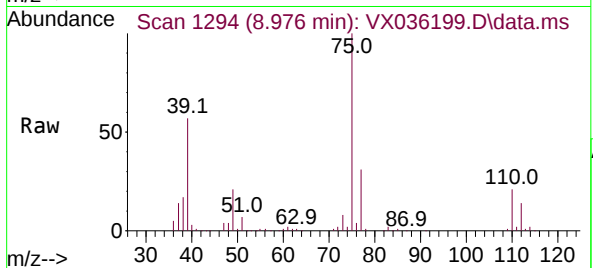
VSTDCCC050

Tgt Ion: 75 Resp: 170132

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.456 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

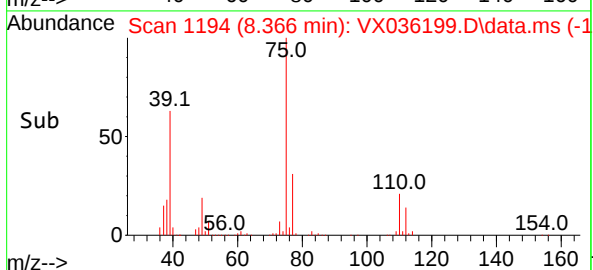
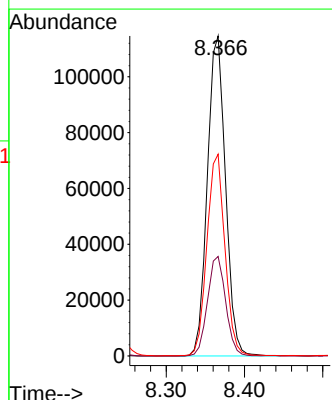
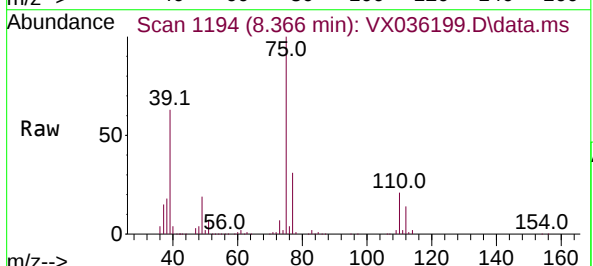
Tgt Ion: 75 Resp: 184181

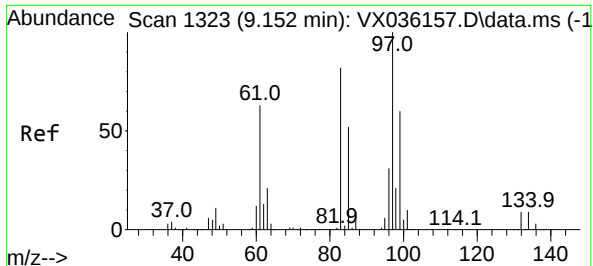
Ion Ratio Lower Upper

75 100

77 31.1 25.3 37.9

39 62.9 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 48.391 ug/l

RT: 9.153 min Scan# 11

Delta R.T. 0.001 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 109346

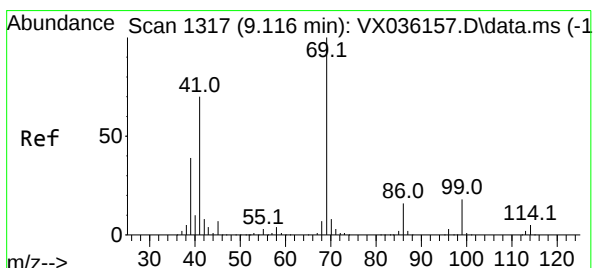
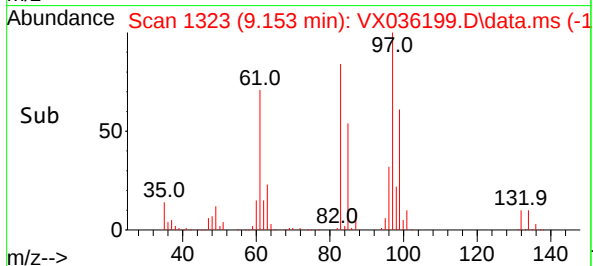
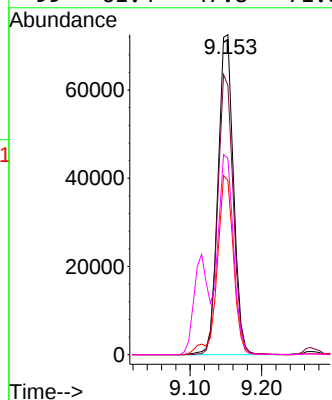
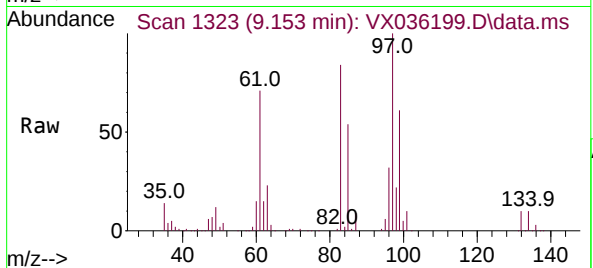
Ion Ratio Lower Upper

97 100

83 84.2 65.8 98.8

85 54.4 41.6 62.4

99 61.4 47.8 71.8



#56

Ethyl methacrylate

Concen: 50.190 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

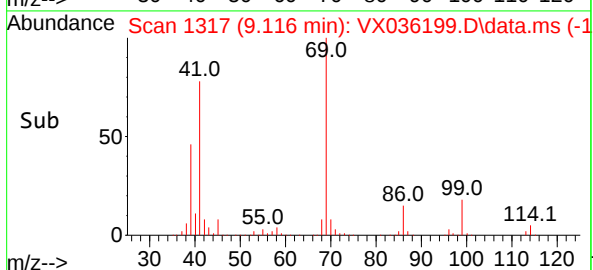
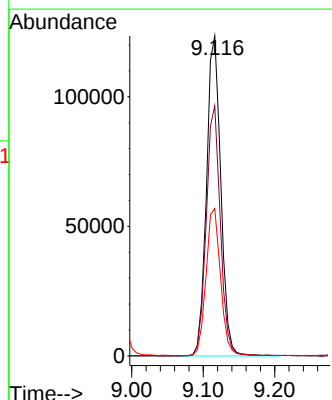
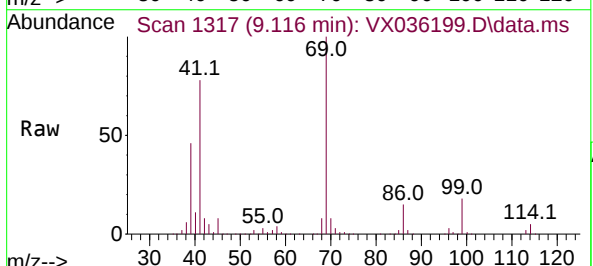
Tgt Ion: 69 Resp: 171322

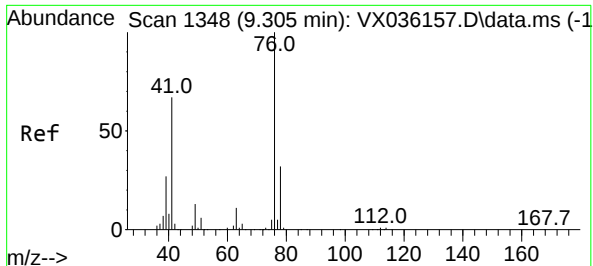
Ion Ratio Lower Upper

69 100

41 77.5 56.8 85.2

39 46.9 32.0 48.0





#57

1,3-Dichloropropane

Concen: 48.635 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

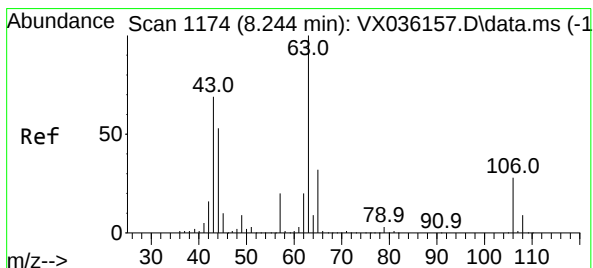
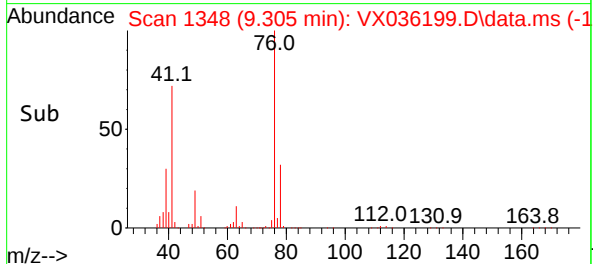
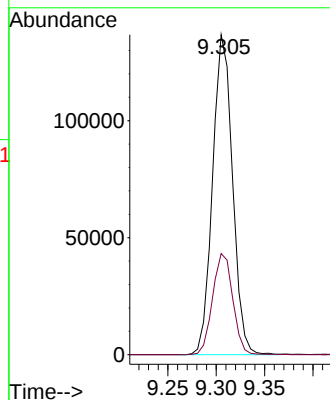
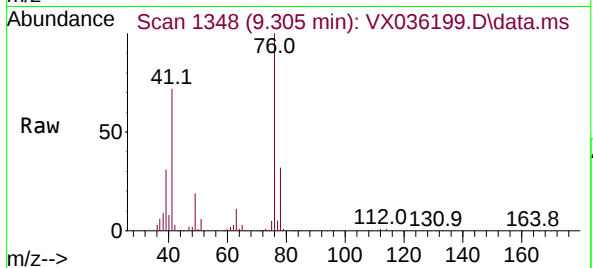
VSTDCCC050

Tgt Ion: 76 Resp: 195509

Ion Ratio Lower Upper

76 100

78 32.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 244.803 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX036199.D

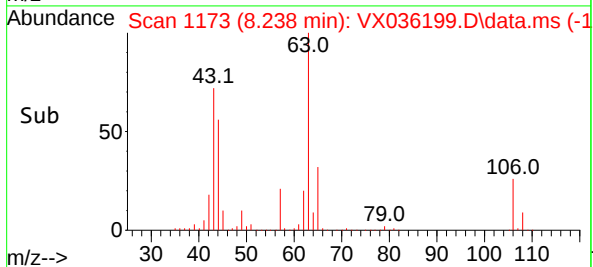
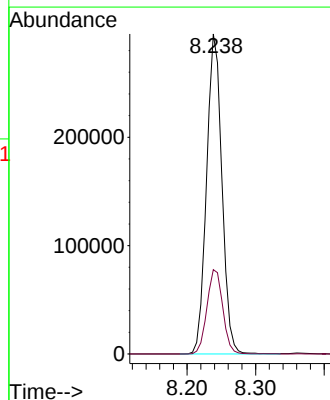
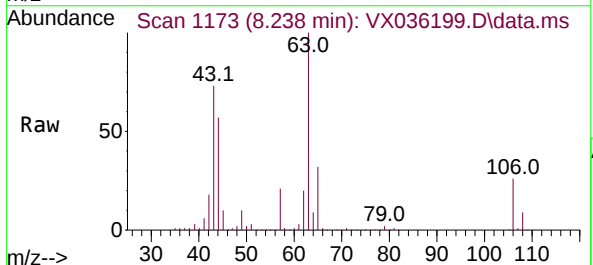
Acq: 19 Jun 2023 12:18

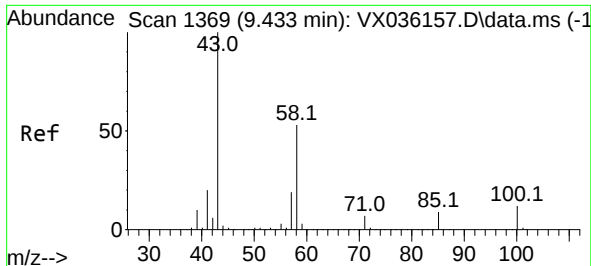
Tgt Ion: 63 Resp: 460571

Ion Ratio Lower Upper

63 100

106 27.1 22.5 33.7





#59

2-Hexanone

Concen: 253.762 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

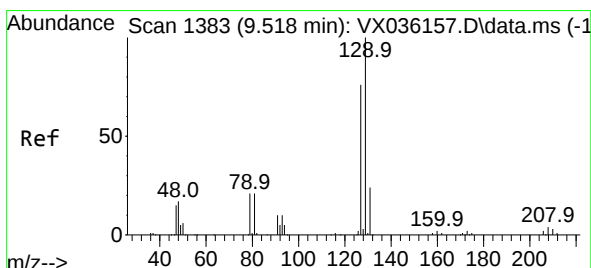
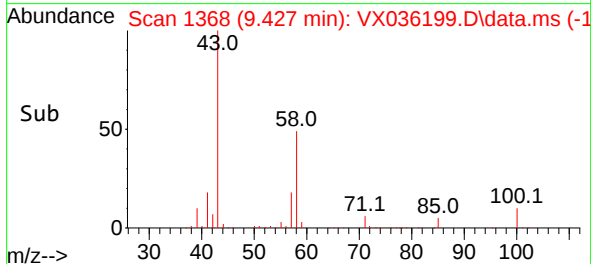
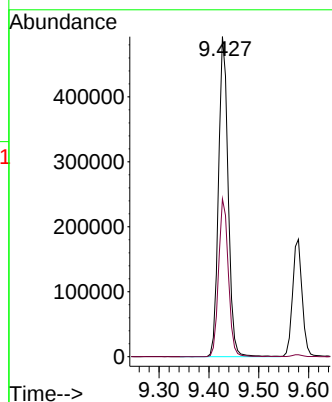
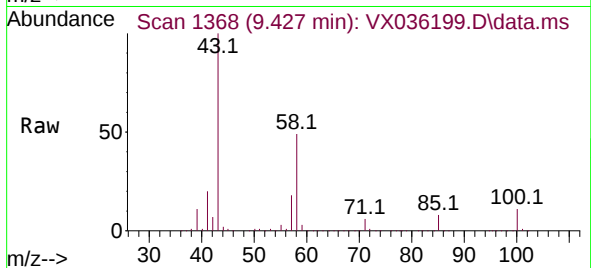
VSTDCCC050

Tgt Ion: 43 Resp: 660318

Ion Ratio Lower Upper

43 100

58 49.7 26.2 78.5



#60

Dibromochloromethane

Concen: 51.972 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX036199.D

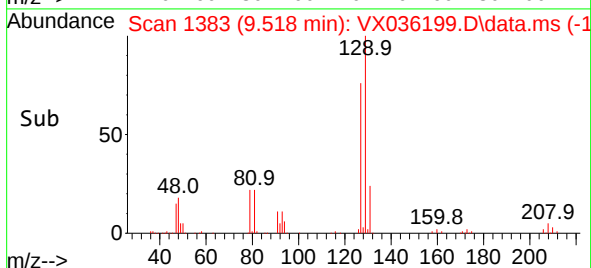
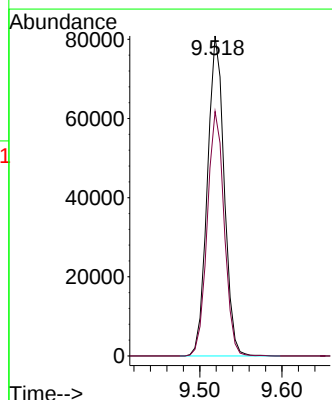
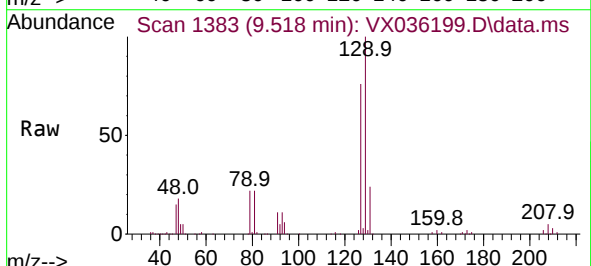
Acq: 19 Jun 2023 12:18

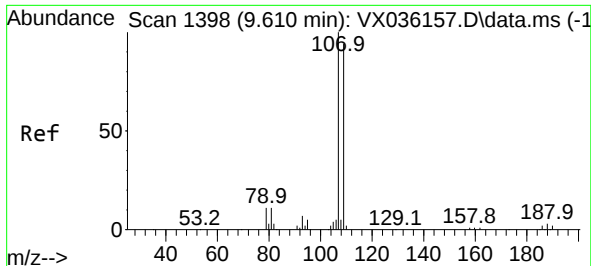
Tgt Ion:129 Resp: 114625

Ion Ratio Lower Upper

129 100

127 76.9 38.8 116.4

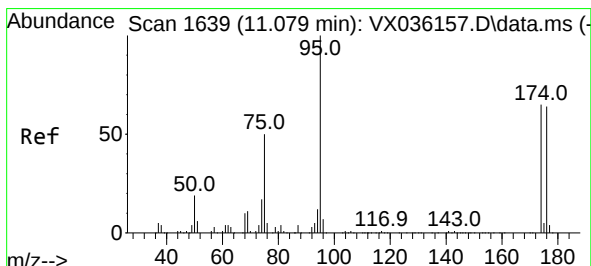
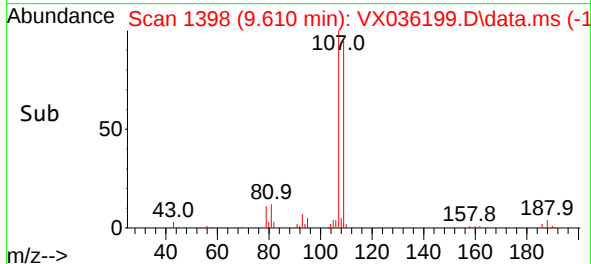
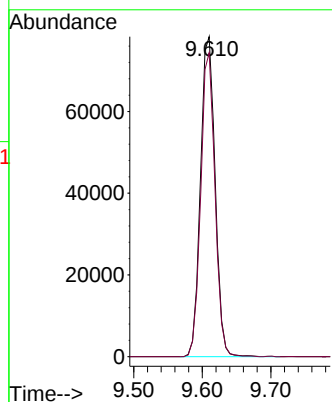
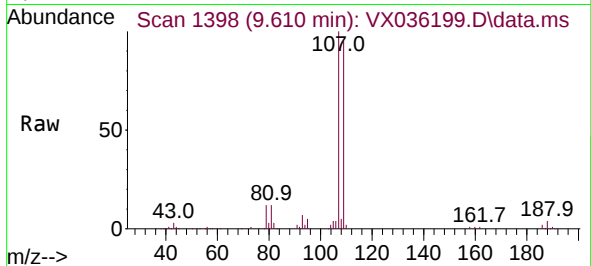




#61
1,2-Dibromoethane
Concen: 49.527 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

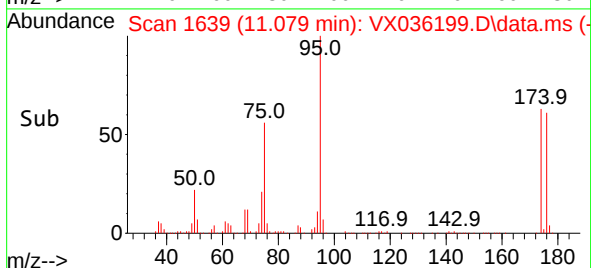
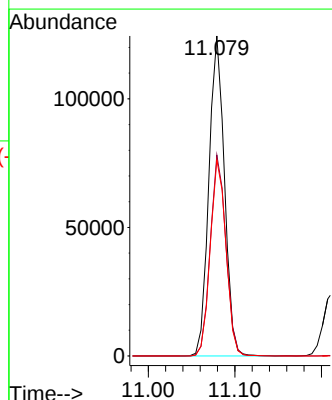
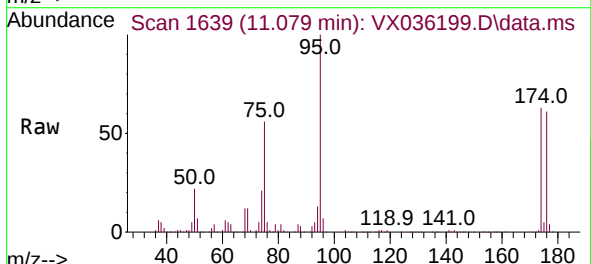
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

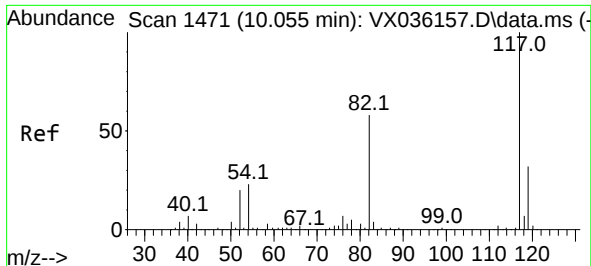
Tgt Ion:107 Resp: 116689
Ion Ratio Lower Upper
107 100
109 92.5 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 49.730 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 95 Resp: 154971
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.9 0.0 131.0

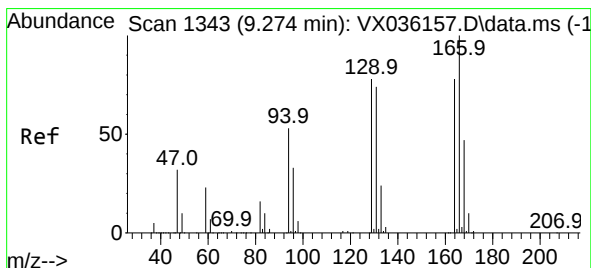
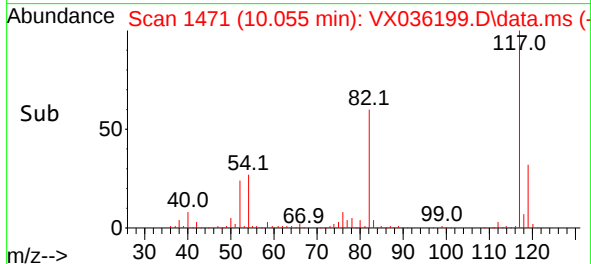
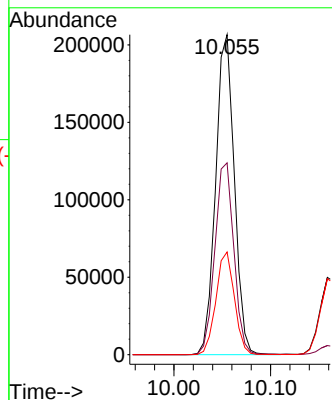
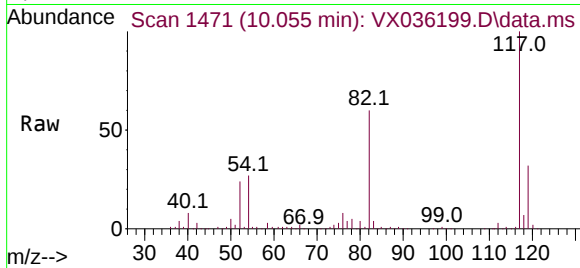




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

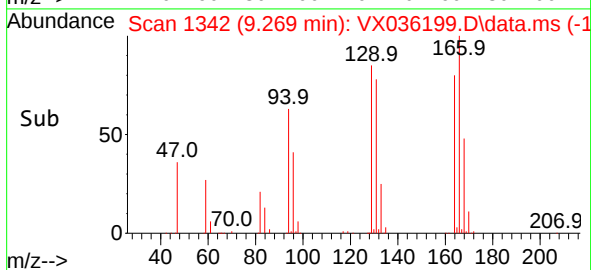
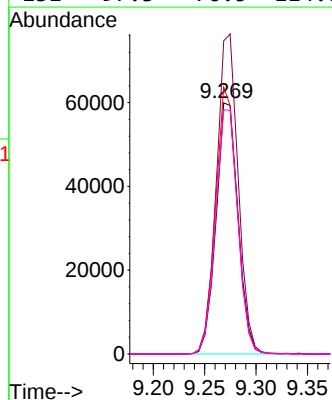
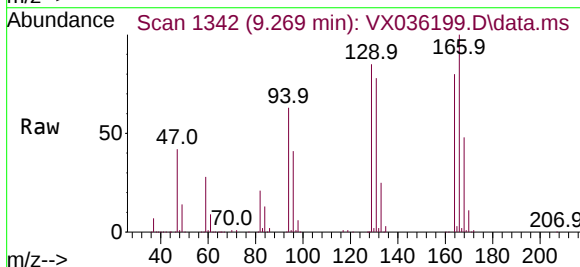
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

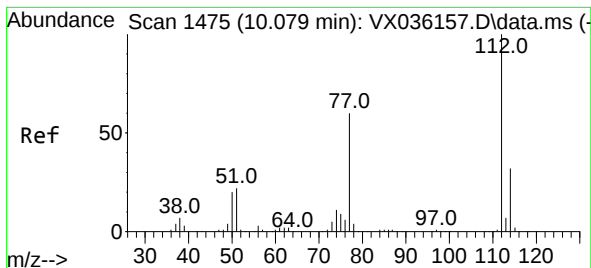
Tgt Ion:117 Resp: 276714
Ion Ratio Lower Upper
117 100
82 59.9 46.2 69.4
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 51.528 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion:164 Resp: 88712
Ion Ratio Lower Upper
164 100
166 124.7 102.7 154.1
129 106.3 80.4 120.6
131 97.3 76.5 114.7





#65

Chlorobenzene

Concen: 49.455 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

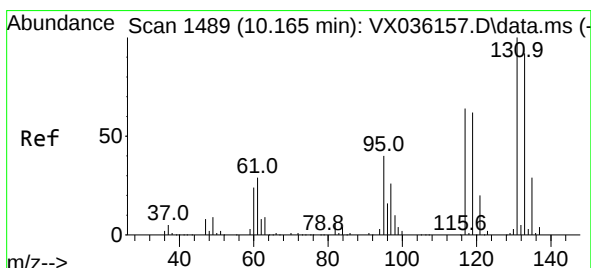
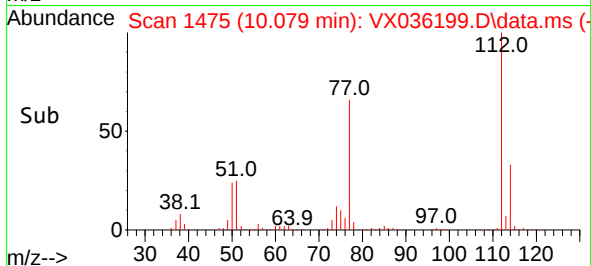
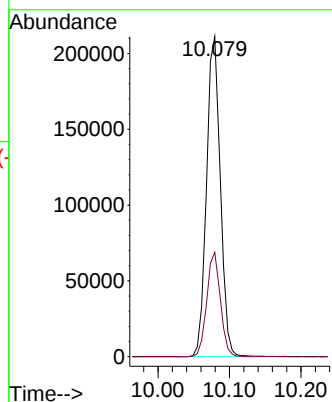
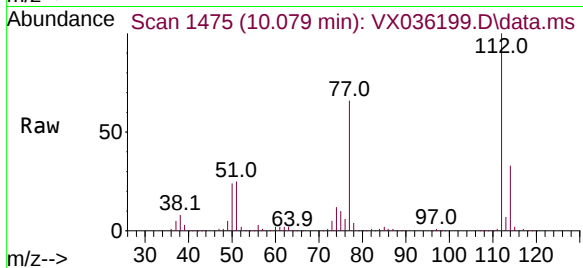
VSTDCCC050

Tgt Ion:112 Resp: 283576

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 53.874 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

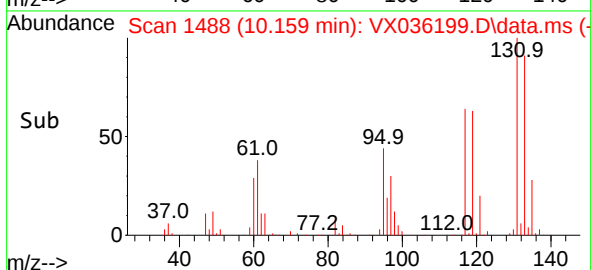
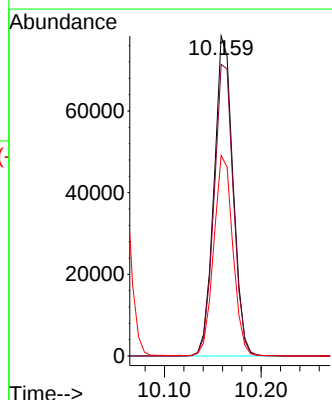
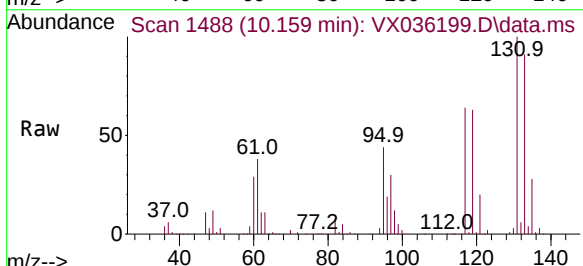
Tgt Ion:131 Resp: 106604

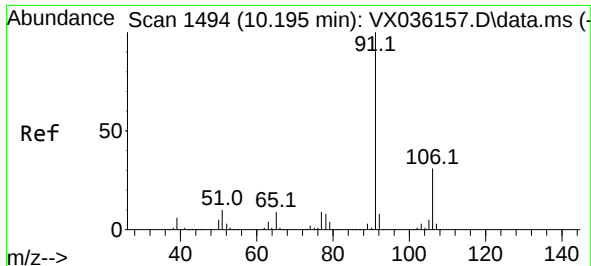
Ion Ratio Lower Upper

131 100

133 93.6 47.1 141.4

119 63.4 32.2 96.6





#67

Ethyl Benzene

Concen: 52.728 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

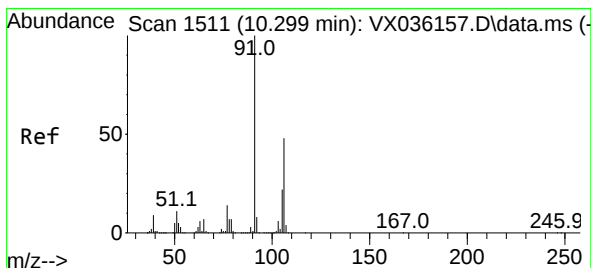
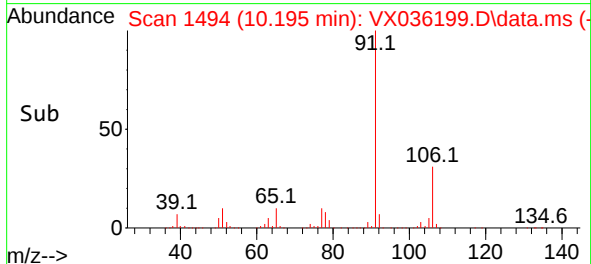
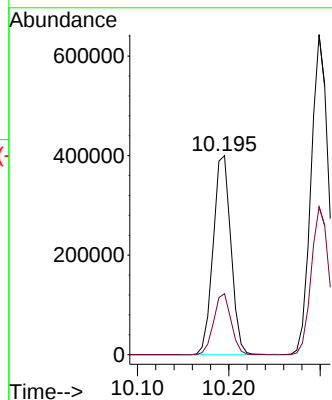
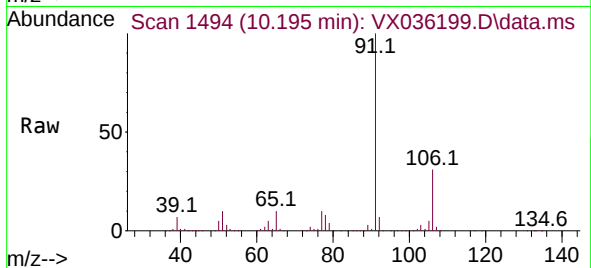
VSTDCCC050

Tgt Ion: 91 Resp: 539957

Ion Ratio Lower Upper

91 100

106 30.6 24.9 37.3



#68

m/p-Xylenes

Concen: 103.803 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.000 min

Lab File: VX036199.D

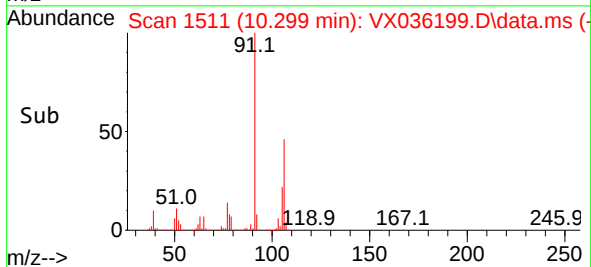
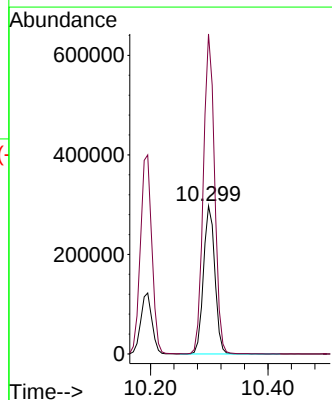
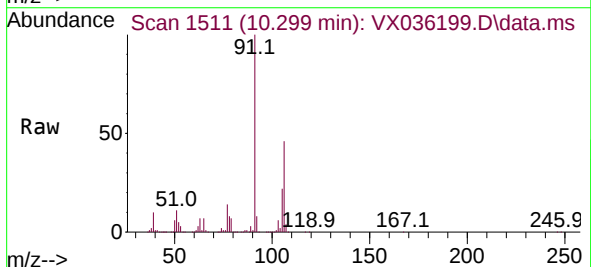
Acq: 19 Jun 2023 12:18

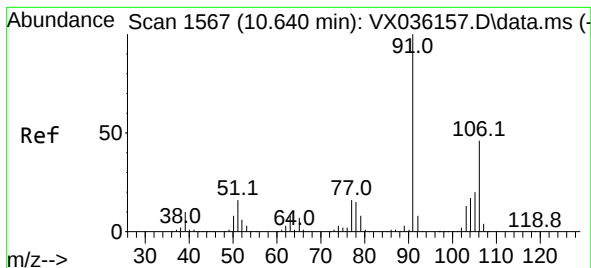
Tgt Ion: 106 Resp: 401055

Ion Ratio Lower Upper

106 100

91 213.6 165.5 248.3





#69

o-Xylene

Concen: 51.288 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

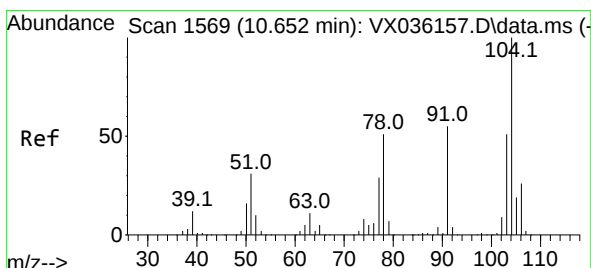
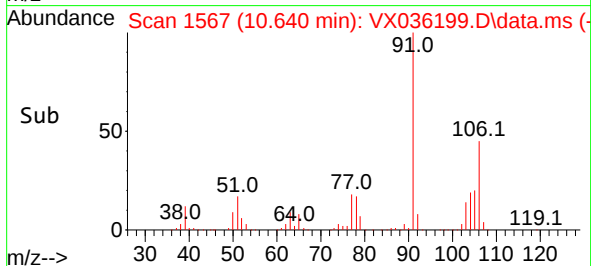
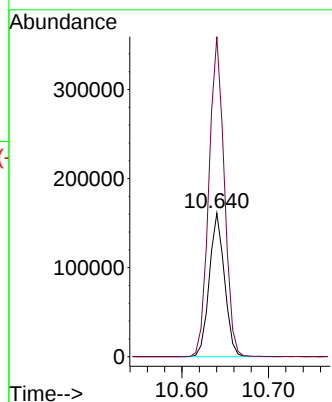
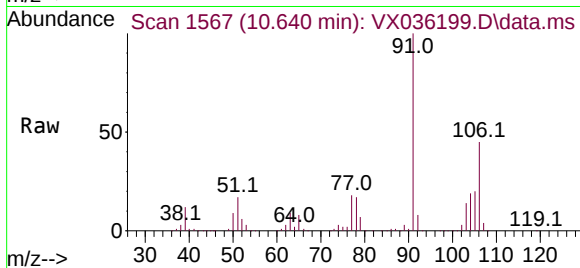
VSTDCCC050

Tgt Ion:106 Resp: 195504

Ion Ratio Lower Upper

106 100

91 226.1 108.9 326.8



#70

Styrene

Concen: 51.832 ug/l

RT: 10.652 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

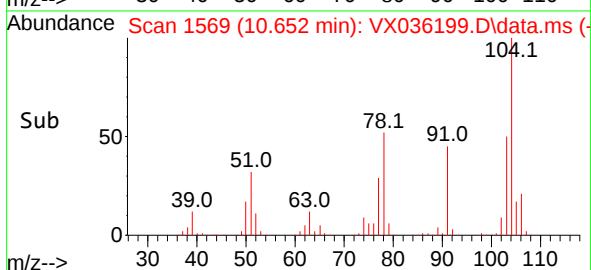
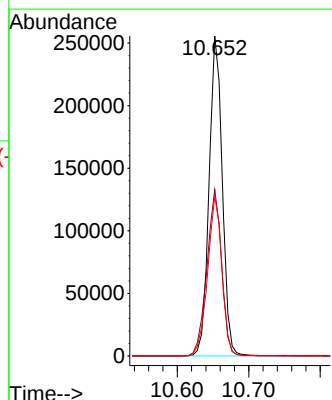
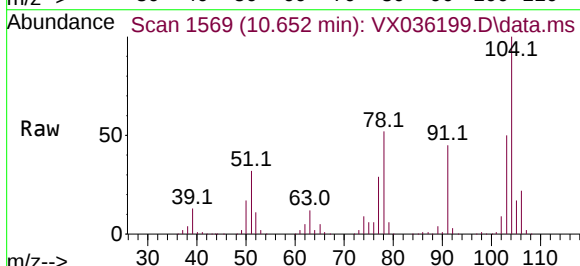
Tgt Ion:104 Resp: 329211

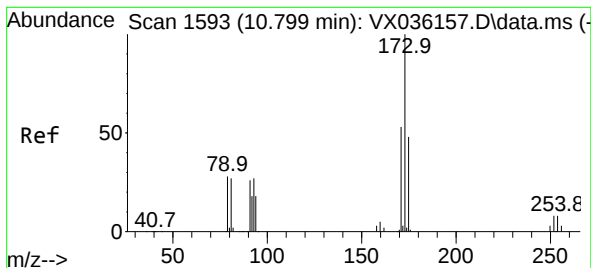
Ion Ratio Lower Upper

104 100

78 57.7 43.6 65.4

103 54.2 43.6 65.4





#71

Bromoform

Concen: 53.442 ug/l

RT: 10.799 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

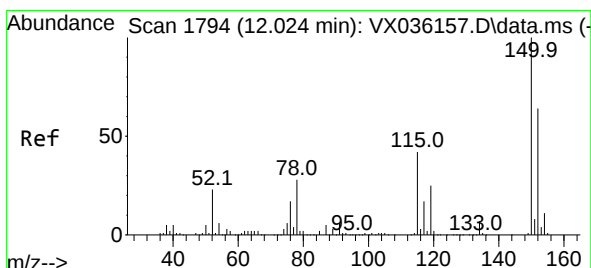
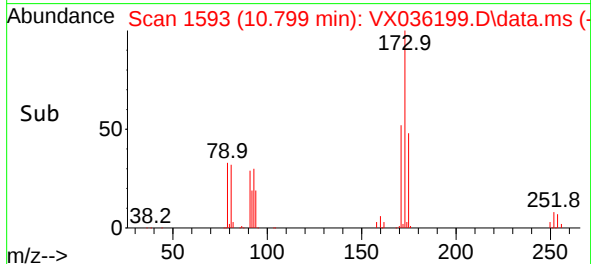
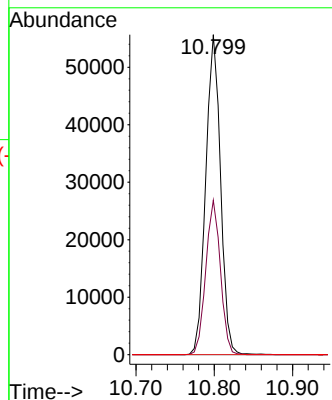
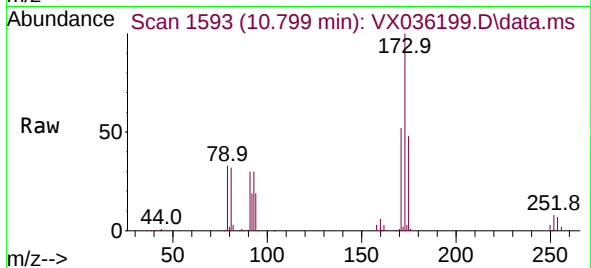
Tgt Ion:173 Resp: 72803

Ion Ratio Lower Upper

173 100

175 47.7 24.1 72.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

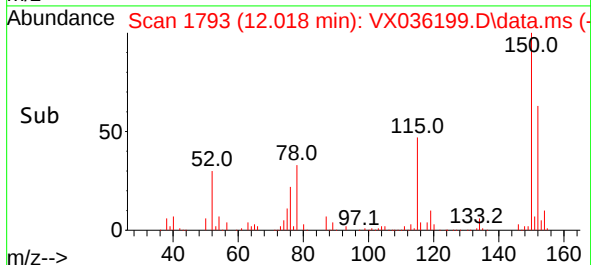
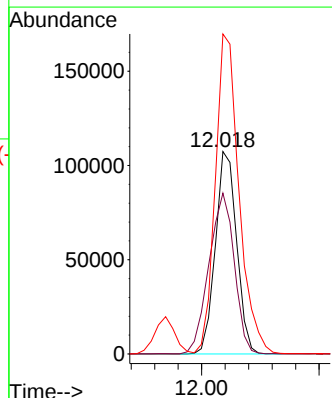
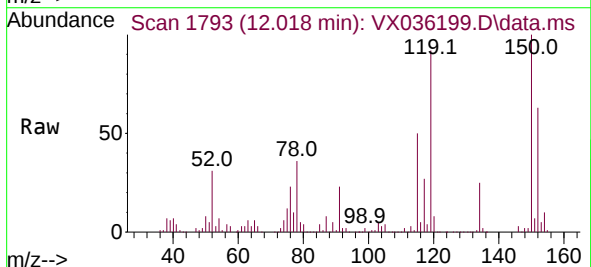
Tgt Ion:152 Resp: 134998

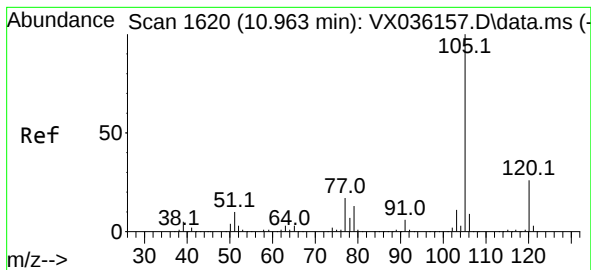
Ion Ratio Lower Upper

152 100

115 94.8 43.3 129.9

150 176.3 0.0 345.0





#73

Isopropylbenzene

Concen: 52.146 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

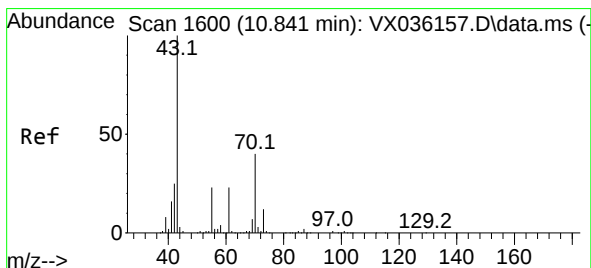
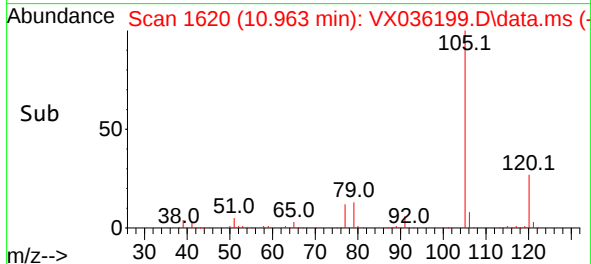
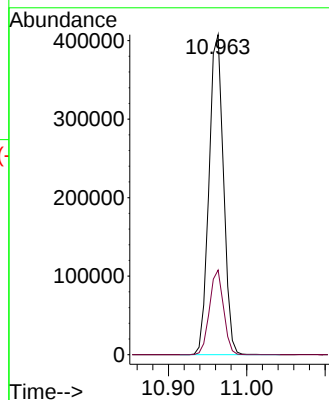
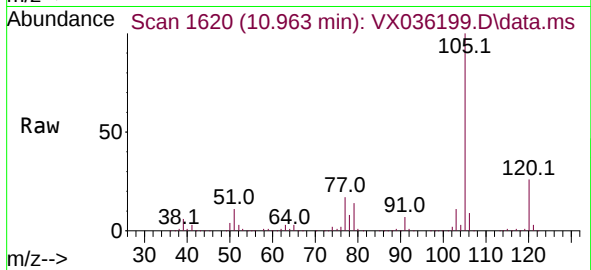
VSTDCCC050

Tgt Ion:105 Resp: 522352

Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.6



#74

N-ethyl acetate

Concen: 53.197 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Tgt Ion: 43 Resp: 240801

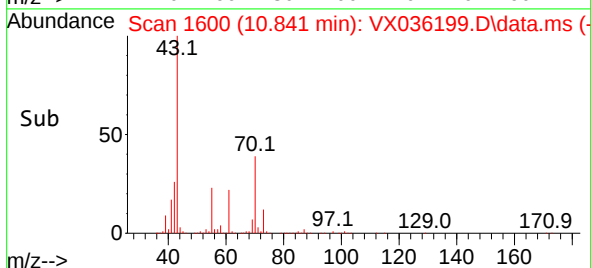
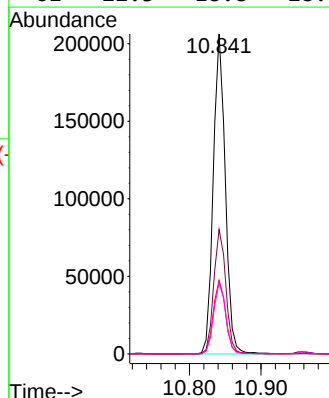
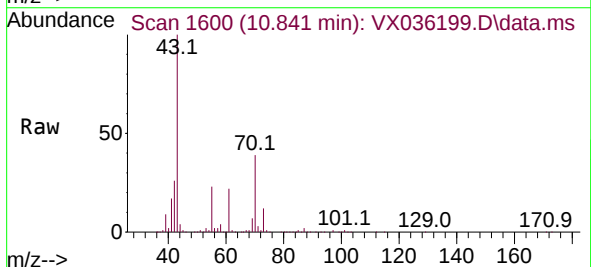
Ion Ratio Lower Upper

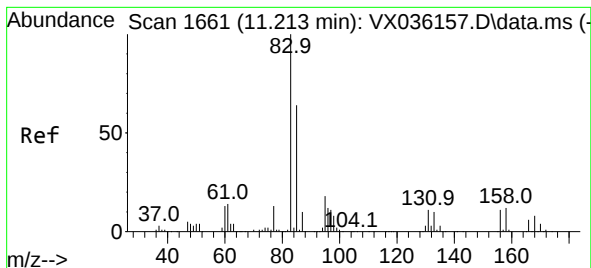
43 100

70 39.4 32.9 49.3

55 24.0 19.3 28.9

61 22.3 18.8 28.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.007 ug/l

RT: 11.213 min Scan# 1661

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

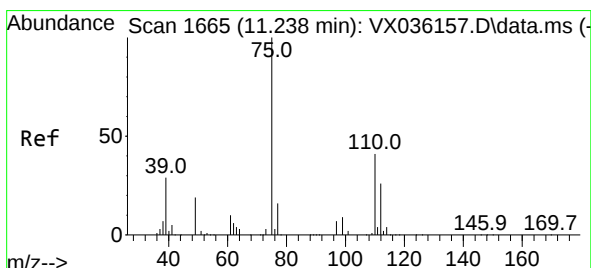
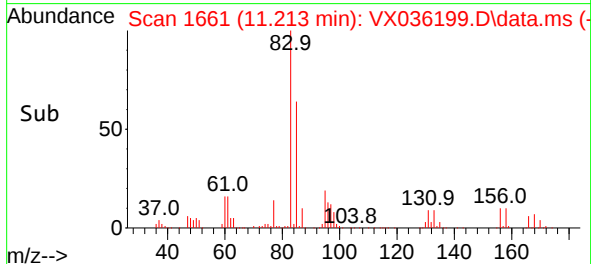
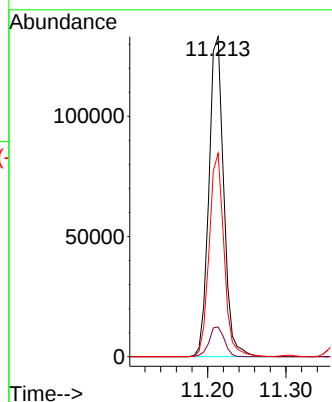
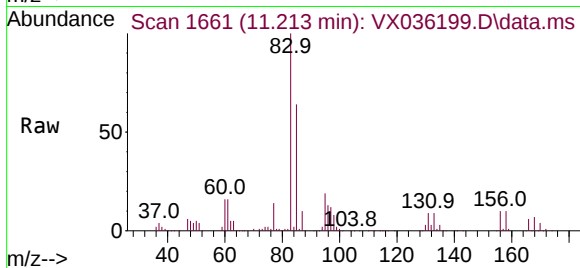
Tgt Ion: 83 Resp: 174951

Ion Ratio Lower Upper

83 100

131 9.6 5.3 15.8

85 63.4 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 60.907 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. -0.000 min

Lab File: VX036199.D

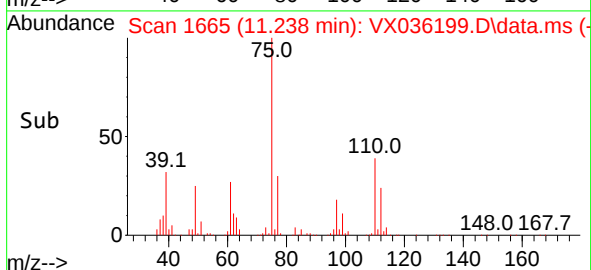
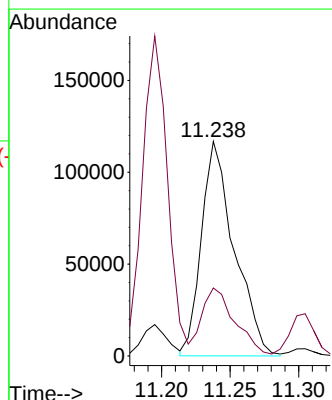
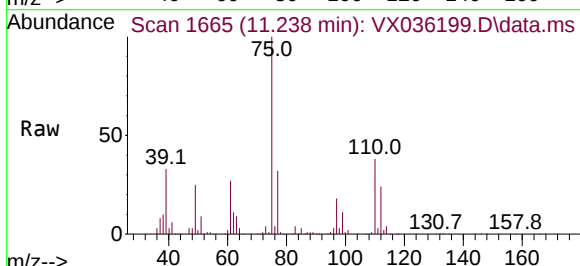
Acq: 19 Jun 2023 12:18

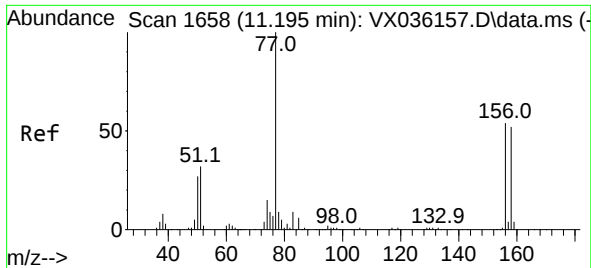
Tgt Ion: 75 Resp: 195139

Ion Ratio Lower Upper

75 100

77 32.1 19.1 57.5

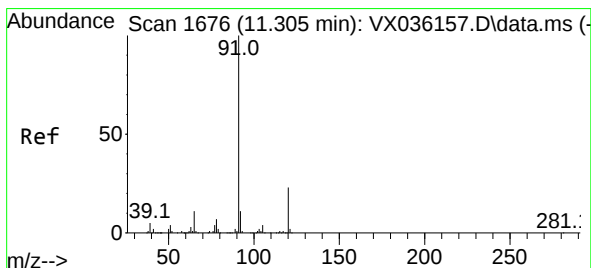
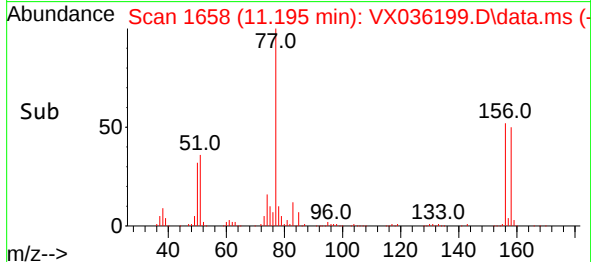
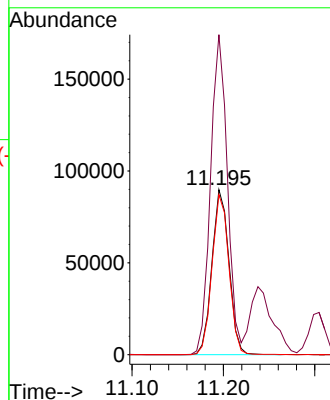
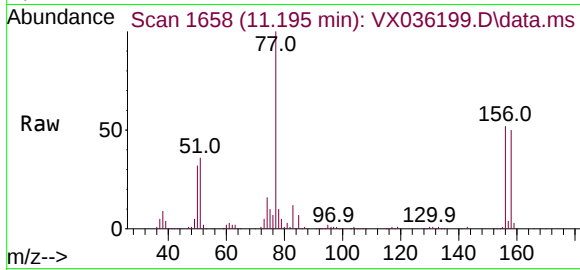




#77
Bromobenzene
Concen: 49.459 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

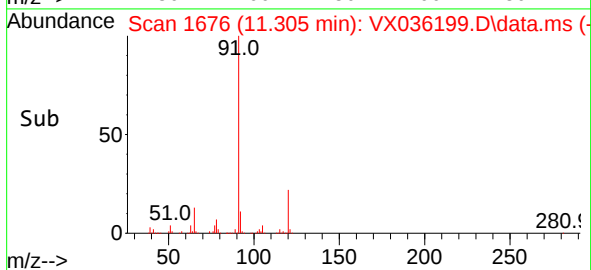
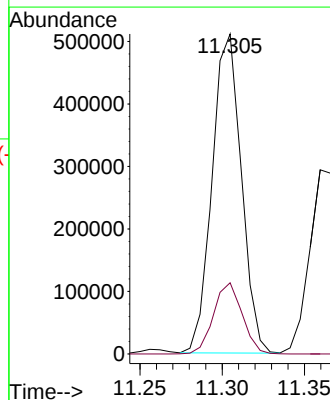
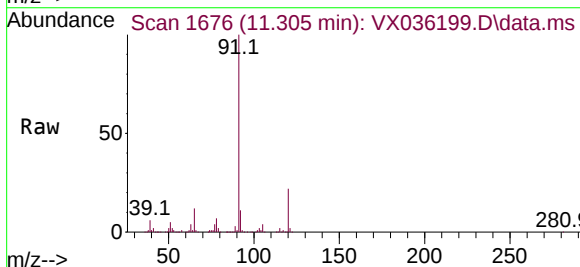
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

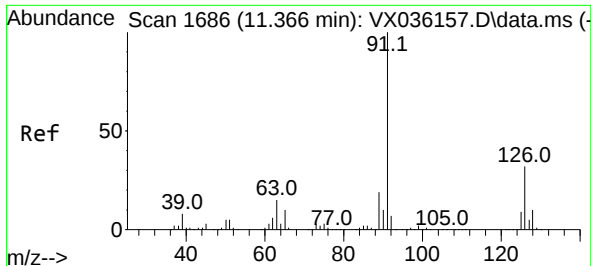
Tgt Ion:156 Resp: 116076
Ion Ratio Lower Upper
156 100
77 191.5 88.4 265.3
158 96.1 48.0 144.0



#78
n-propylbenzene
Concen: 53.549 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 91 Resp: 631021
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.622 ug/l

RT: 11.360 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

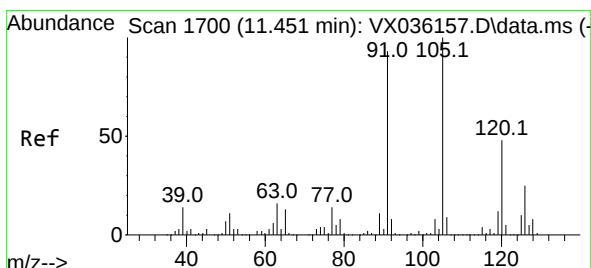
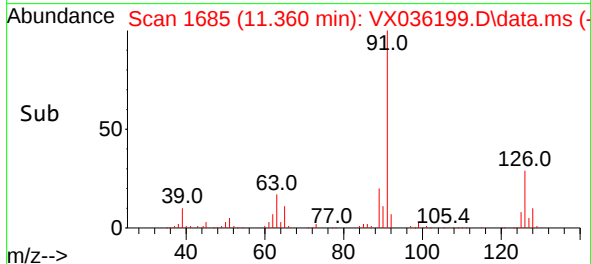
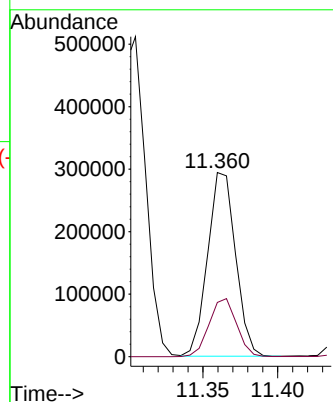
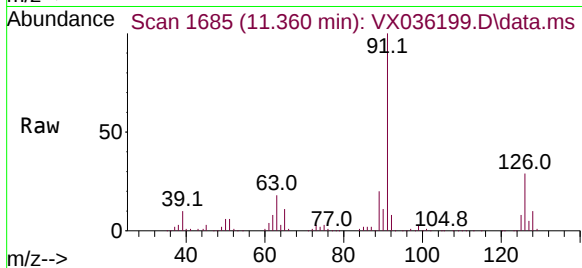
VSTDCCC050

Tgt Ion: 91 Resp: 382617

Ion Ratio Lower Upper

91 100

126 31.2 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 53.111 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX036199.D

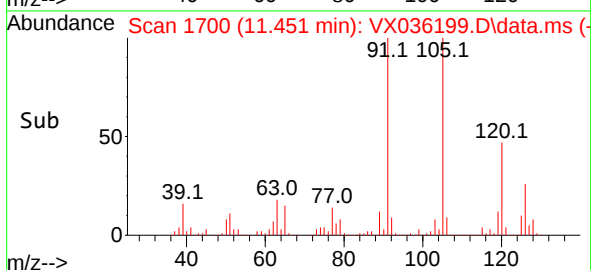
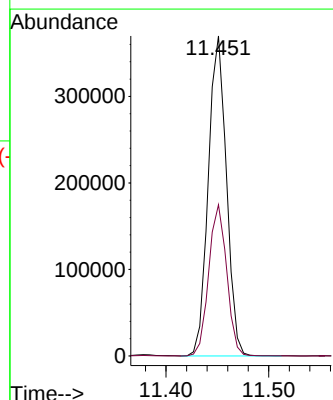
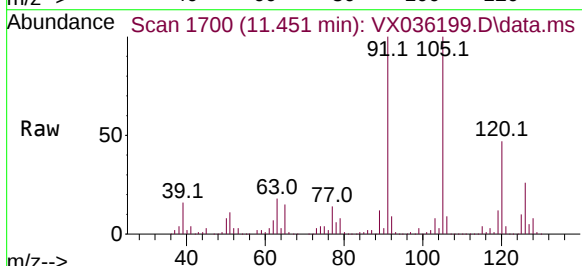
Acq: 19 Jun 2023 12:18

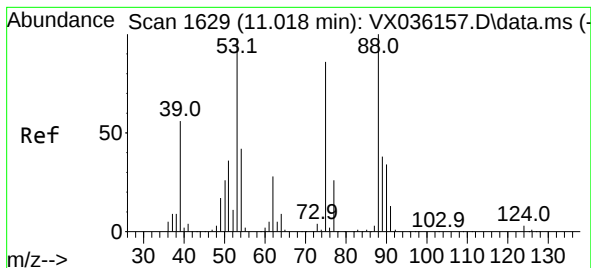
Tgt Ion:105 Resp: 453019

Ion Ratio Lower Upper

105 100

120 46.9 24.1 72.3

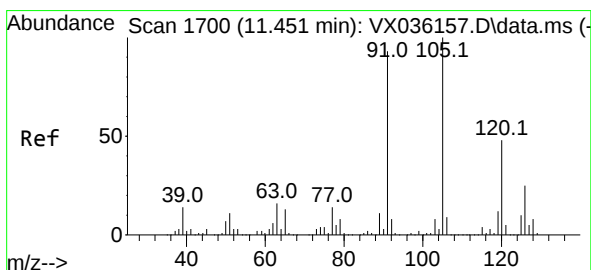
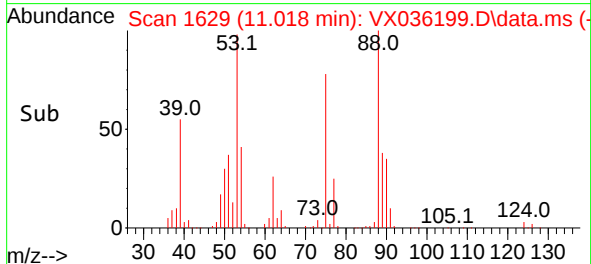
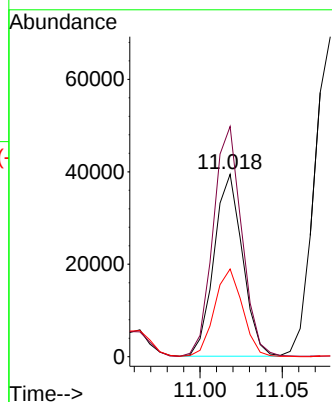
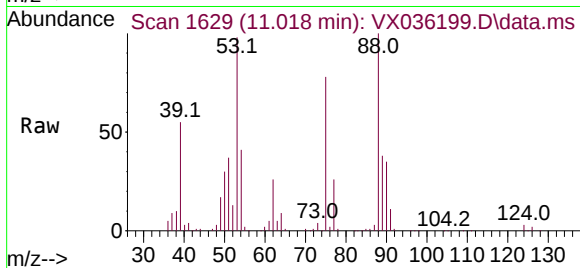




#81
trans-1,4-Dichloro-2-butene
Concen: 51.940 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

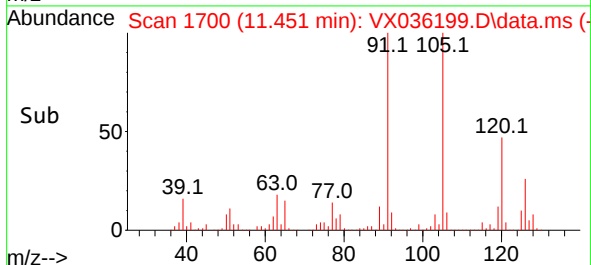
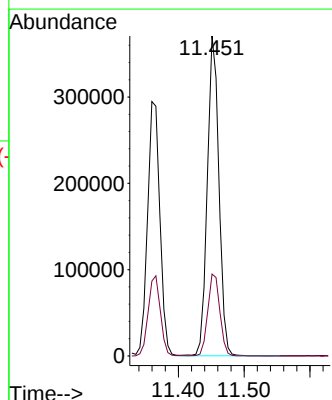
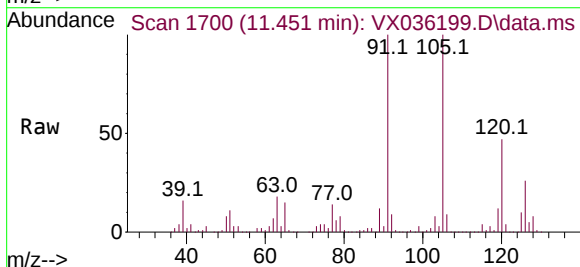
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

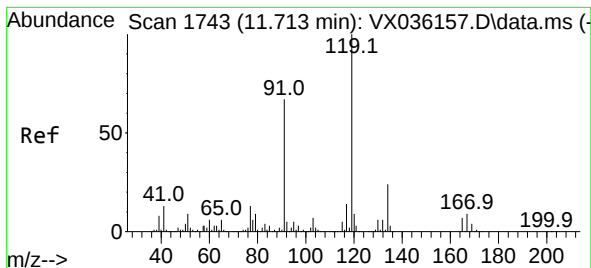
Tgt Ion: 75 Resp: 47543
Ion Ratio Lower Upper
75 100
53 126.9 90.5 135.7
89 47.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 52.743 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 91 Resp: 455489
Ion Ratio Lower Upper
91 100
126 26.6 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.046 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

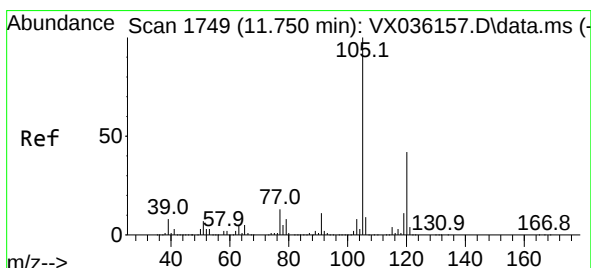
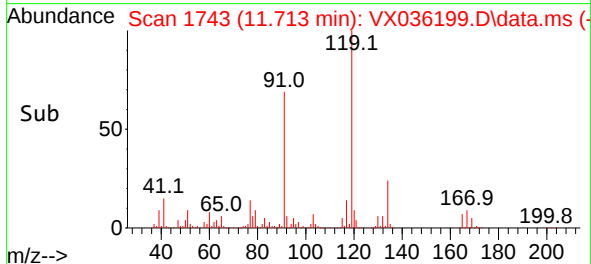
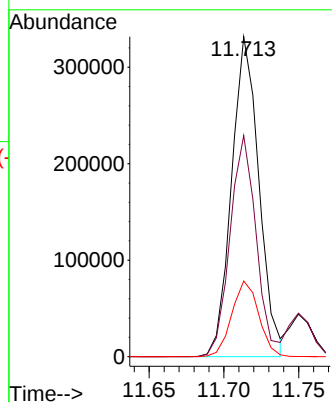
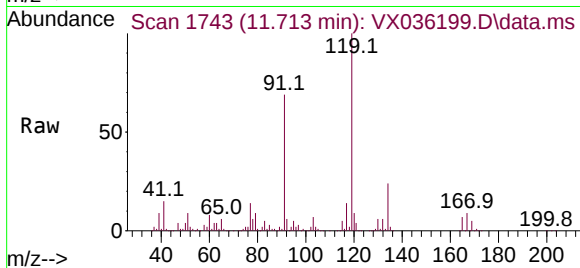
Tgt Ion:119 Resp: 422043

Ion Ratio Lower Upper

119 100

91 66.4 31.2 93.6

134 23.3 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 53.298 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX036199.D

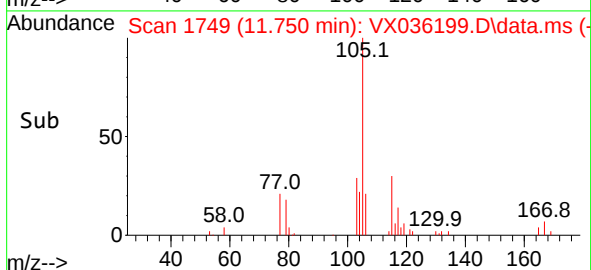
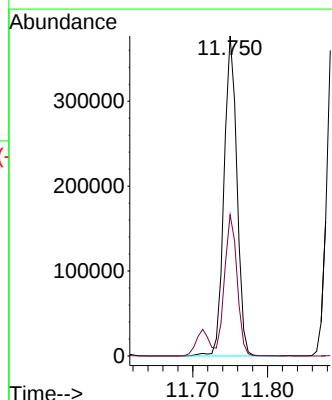
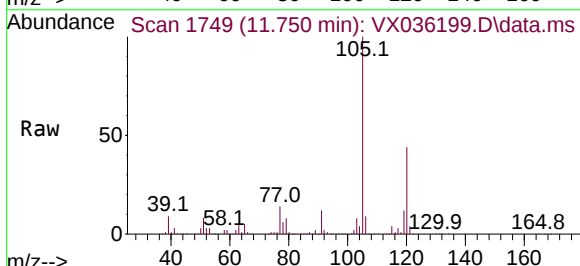
Acq: 19 Jun 2023 12:18

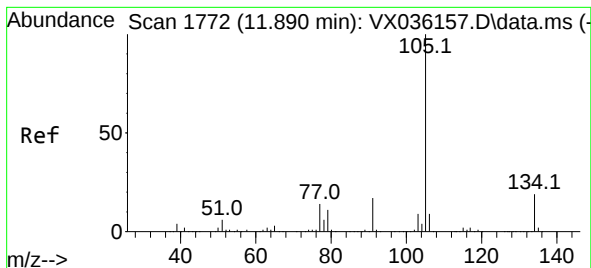
Tgt Ion:105 Resp: 453457

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6





#85

sec-Butylbenzene

Concen: 53.675 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

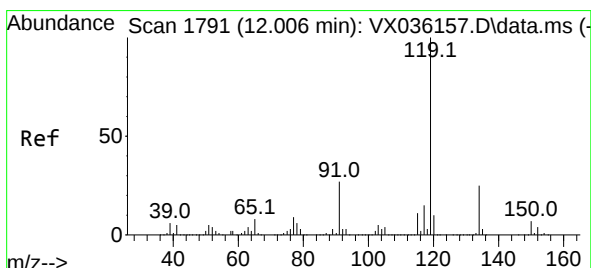
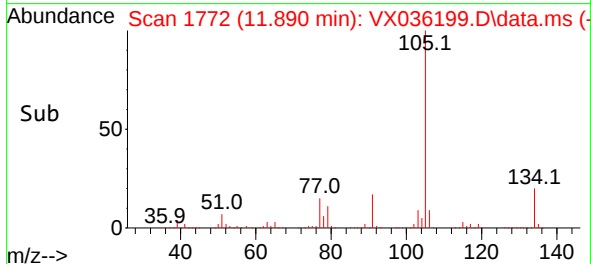
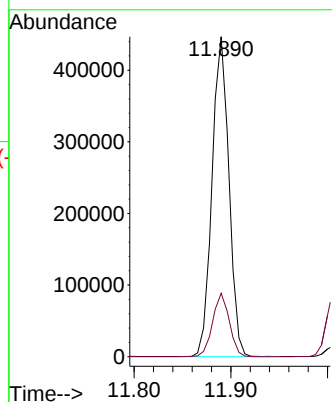
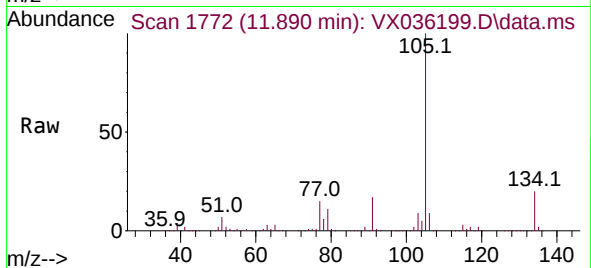
VSTDCCC050

Tgt Ion:105 Resp: 541955

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 53.282 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

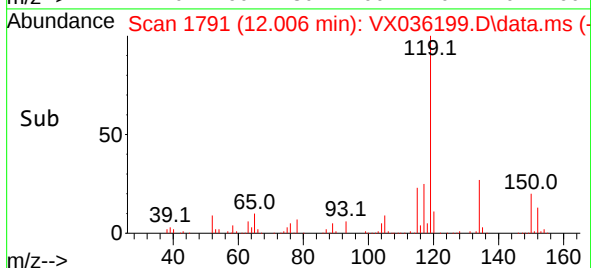
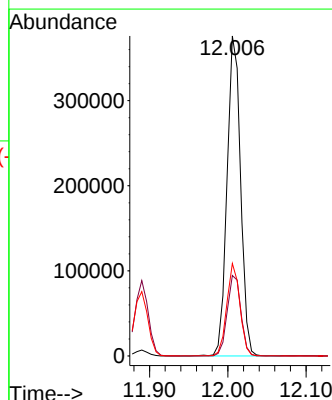
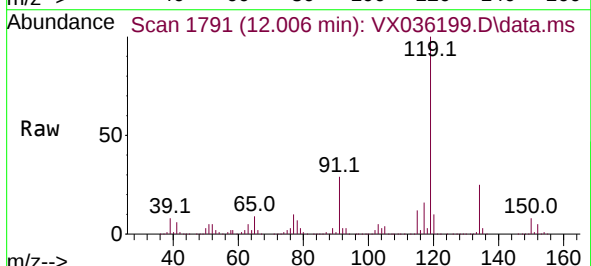
Tgt Ion:119 Resp: 452625

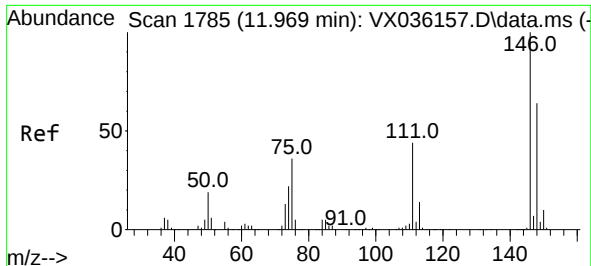
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 27.9 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 50.861 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

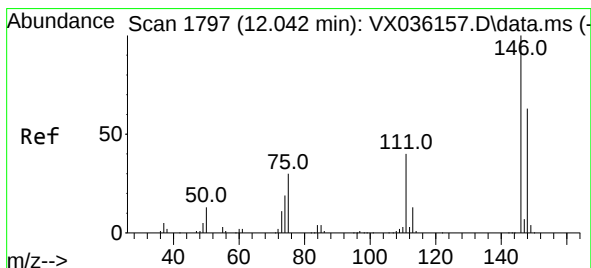
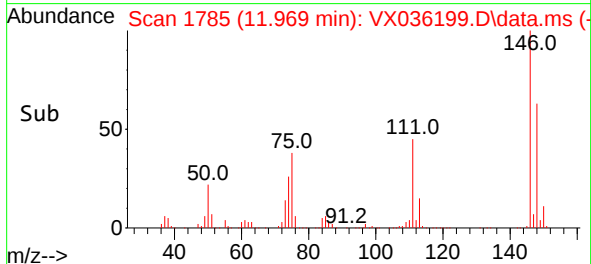
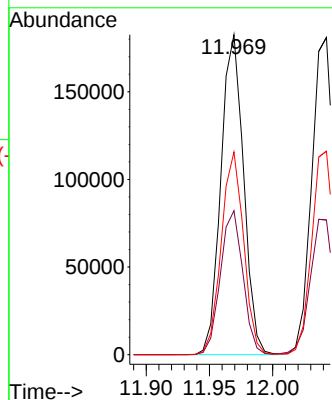
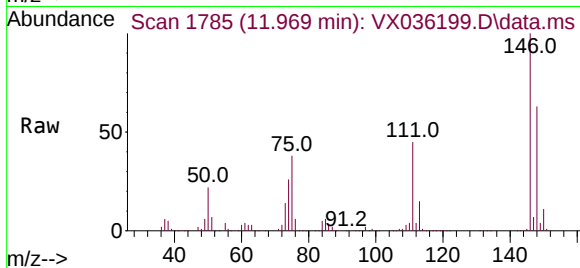
Tgt Ion:146 Resp: 227639

Ion Ratio Lower Upper

146 100

111 44.6 22.1 66.1

148 62.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 50.023 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

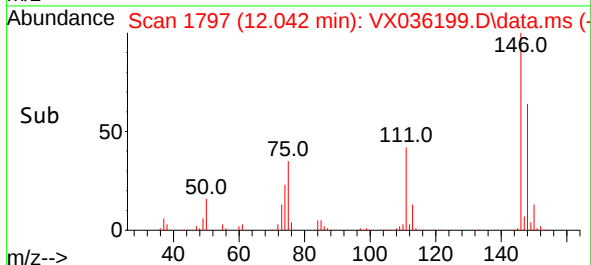
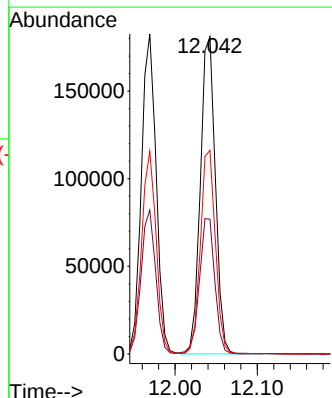
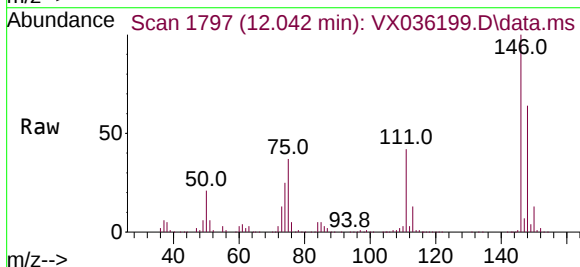
Tgt Ion:146 Resp: 229334

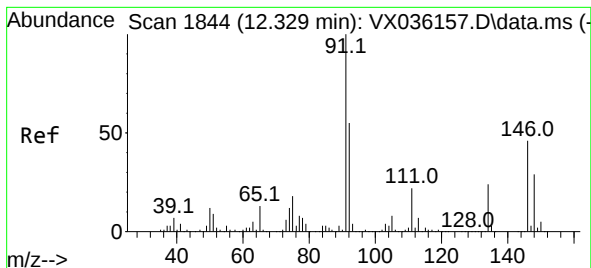
Ion Ratio Lower Upper

146 100

111 43.8 21.3 63.7

148 64.6 31.8 95.4





#89

n-Butylbenzene

Concen: 55.235 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

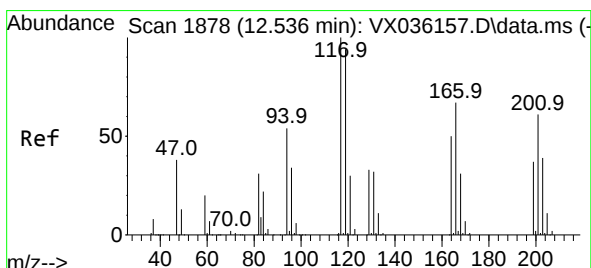
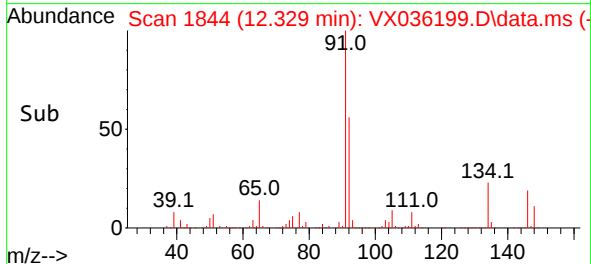
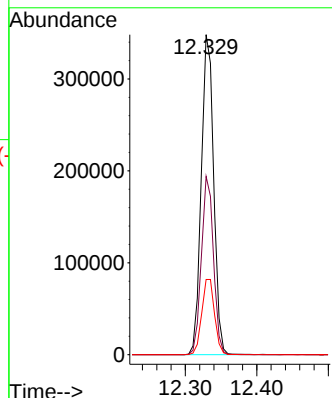
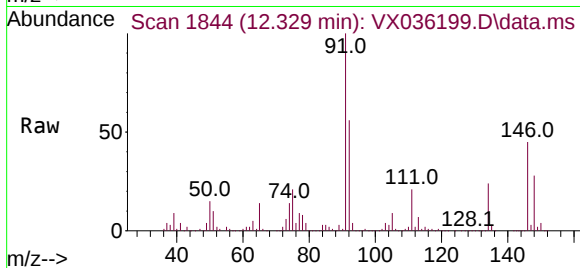
Tgt Ion: 91 Resp: 418745

Ion Ratio Lower Upper

91 100

92 54.4 27.4 82.0

134 24.3 12.6 37.8



#90

Hexachloroethane

Concen: 55.051 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX036199.D

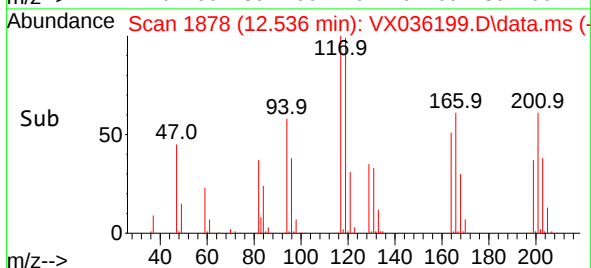
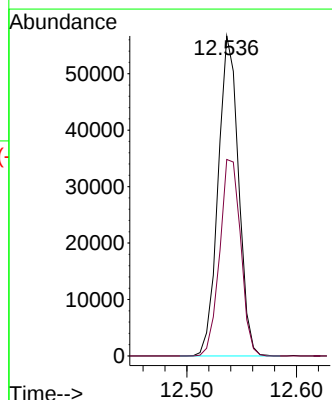
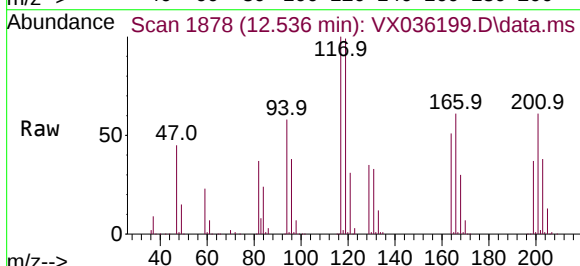
Acq: 19 Jun 2023 12:18

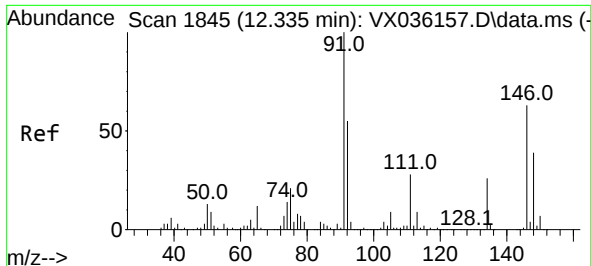
Tgt Ion: 117 Resp: 73356

Ion Ratio Lower Upper

117 100

201 63.0 32.9 98.6

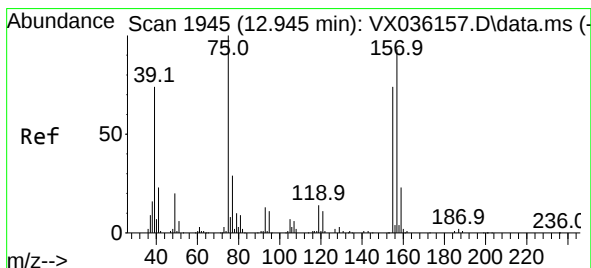
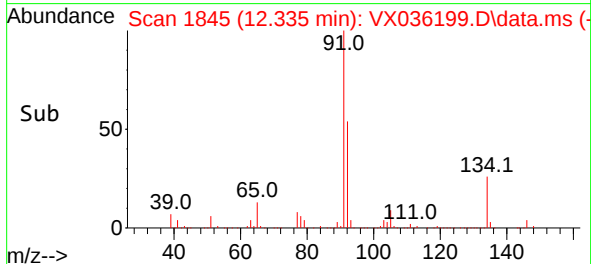
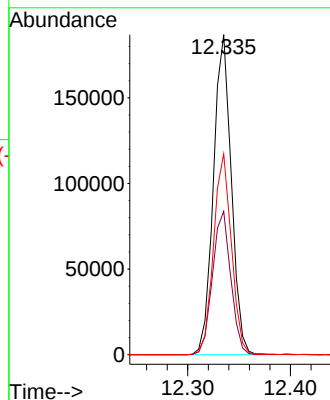
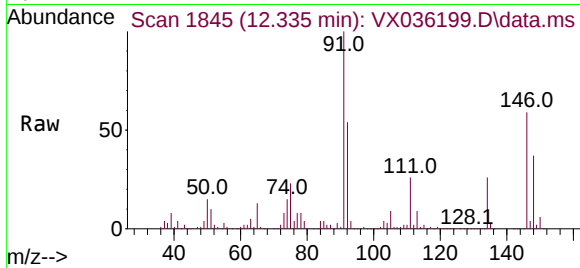




#91
1,2-Dichlorobenzene
Concen: 51.514 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

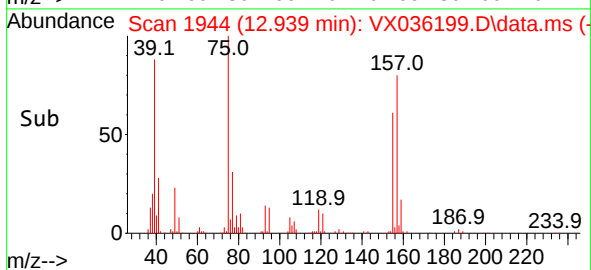
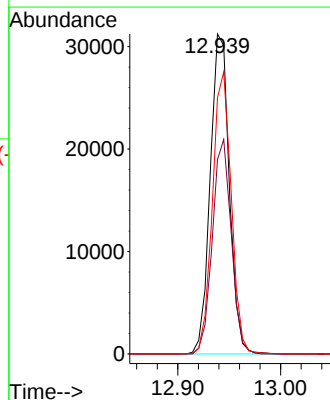
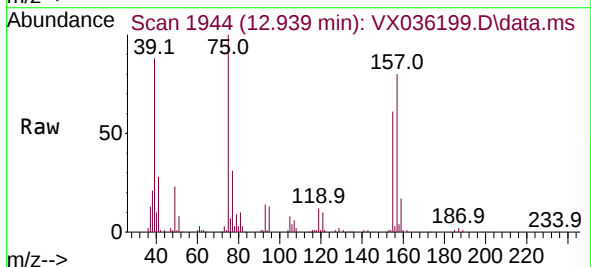
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

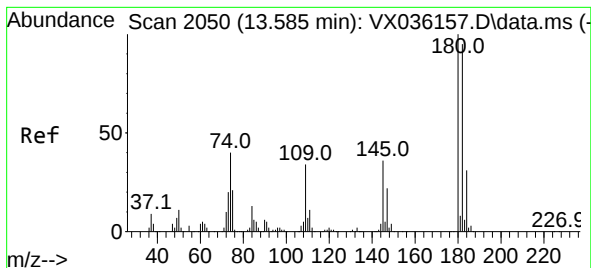
Tgt Ion:146 Resp: 226290
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 62.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.173 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. -0.006 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion: 75 Resp: 40227
Ion Ratio Lower Upper
75 100
155 66.2 36.1 108.5
157 86.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 53.036 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

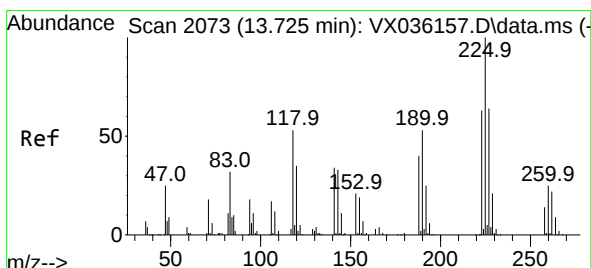
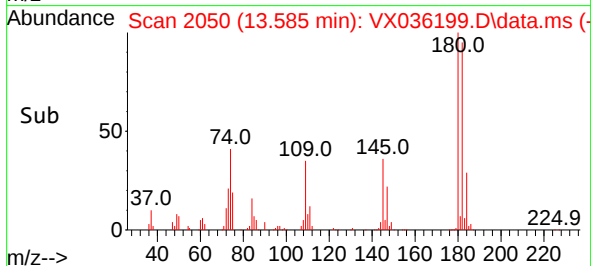
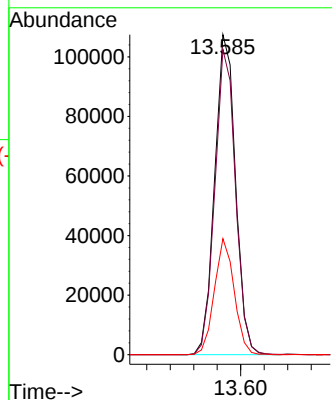
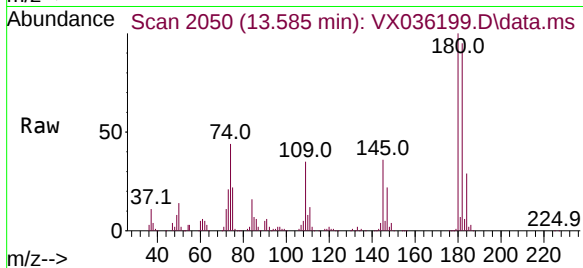
Tgt Ion:180 Resp: 132065

Ion Ratio Lower Upper

180 100

182 94.7 48.3 144.8

145 34.6 18.0 54.0



#94

Hexachlorobutadiene

Concen: 53.086 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX036199.D

Acq: 19 Jun 2023 12:18

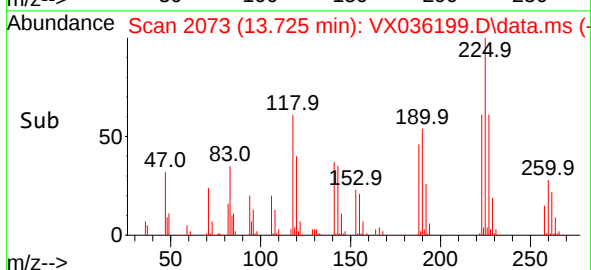
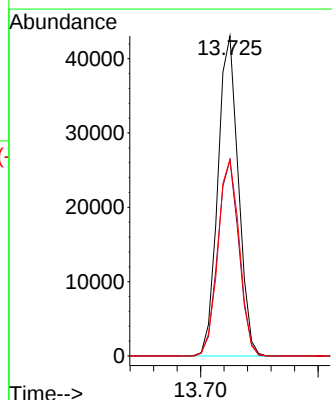
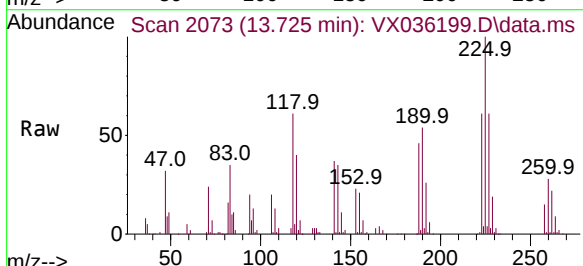
Tgt Ion:225 Resp: 52257

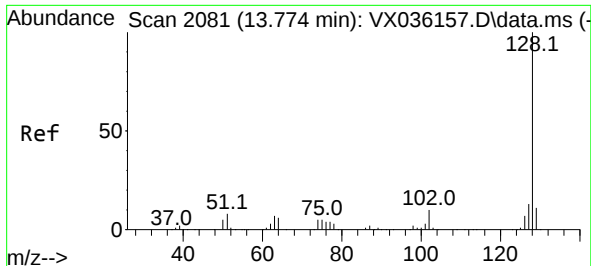
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

227 63.8 32.5 97.5

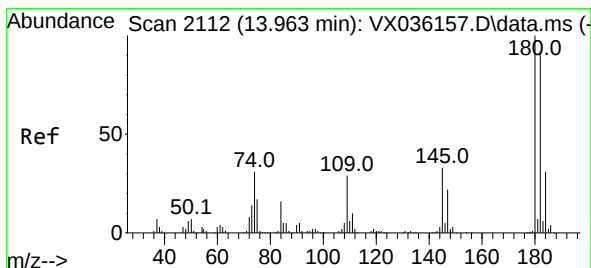
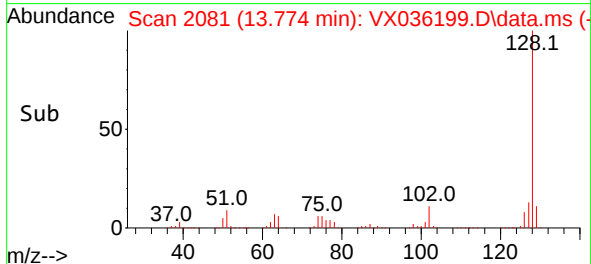
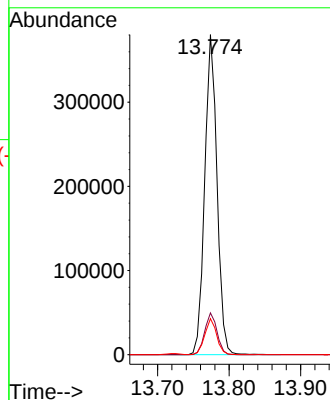
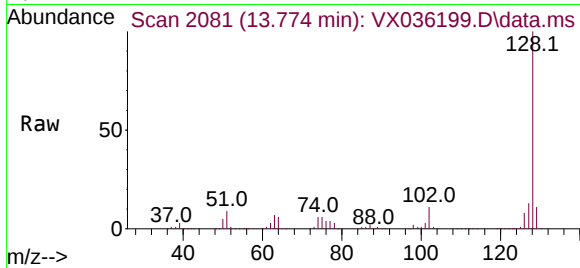




#95
Naphthalene
Concen: 52.787 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 453397
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.946 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX036199.D
Acq: 19 Jun 2023 12:18

Tgt Ion:180 Resp: 129710
Ion Ratio Lower Upper
180 100
182 95.2 46.9 140.6
145 37.2 17.8 53.5

