

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052522\
 Data File : VX028976.D
 Acq On : 26 May 2022 02:18
 Operator : JC/MD
 Sample : N3003-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB04-20220523

Quant Time: May 26 05:51:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

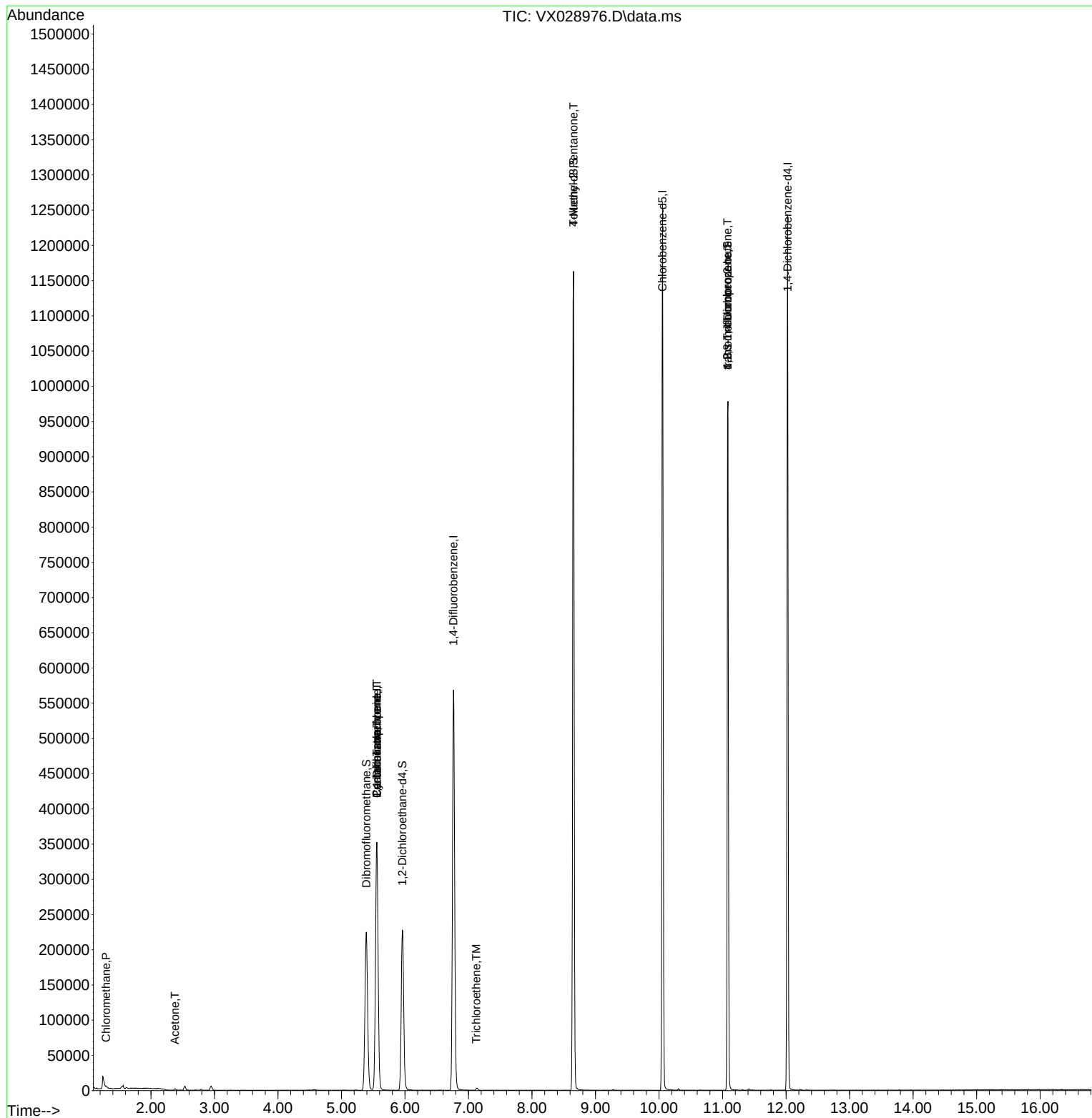
Internal Standards						
1) Pentafluorobenzene	5.556	168	333533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	601698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	578208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	257415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	226341	49.506	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.020%		
35) Dibromofluoromethane	5.391	113	198554	50.366	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.740%		
50) Toluene-d8	8.653	98	720014	48.444	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.880%		
62) 4-Bromofluorobenzene	11.079	95	275525	49.631	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.260%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	893	0.217	ug/l #	86
5) Bromomethane	1.611	94	873	Below Cal		85
6) Chloroethane	1.666	64	488	Below Cal	#	43
11) Tert butyl alcohol	2.940	59	3497	Below Cal	#	72
16) Acetone	2.379	43	2392	1.219	ug/l #	69
31) Cyclohexane	5.556	56	6466	1.019	ug/l #	6
36) 1,1-Dichloropropene	5.556	75	25621	4.327	ug/l #	50
38) Carbon Tetrachloride	5.556	117	34777	5.836	ug/l #	16
44) Trichloroethene	7.122	130	1325	0.287	ug/l	69
51) 4-Methyl-2-Pentanone	8.653	43	2718	0.426	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	136790	22.691	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	136790	66.323	ug/l #	15

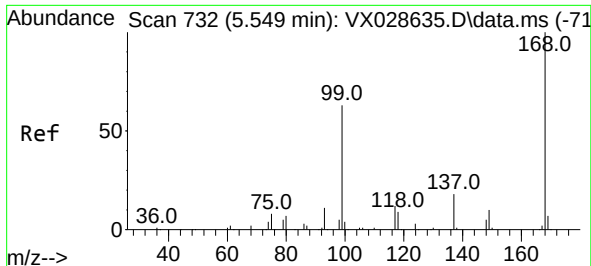
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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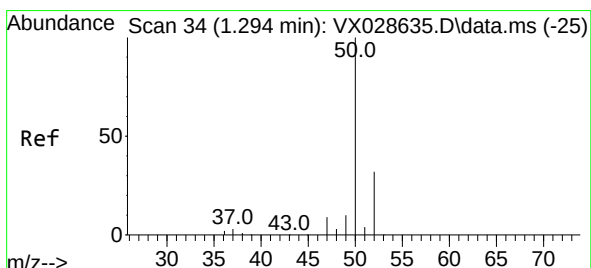
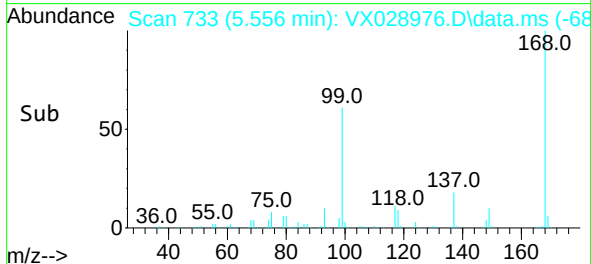
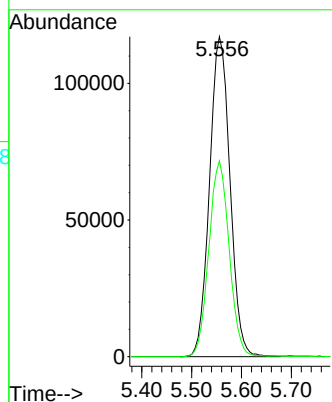
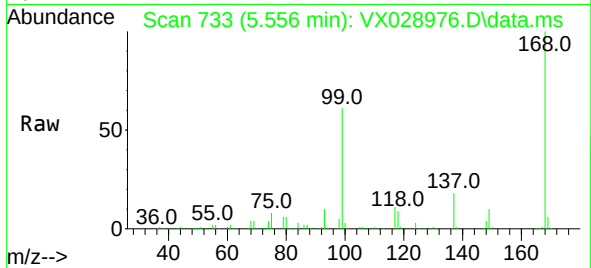




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

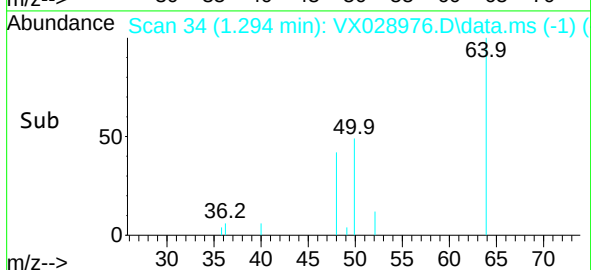
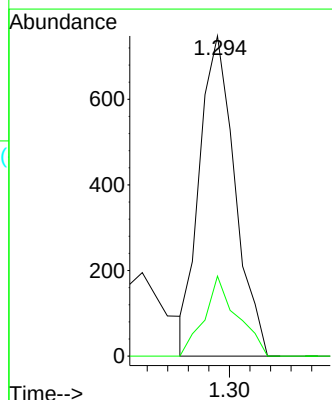
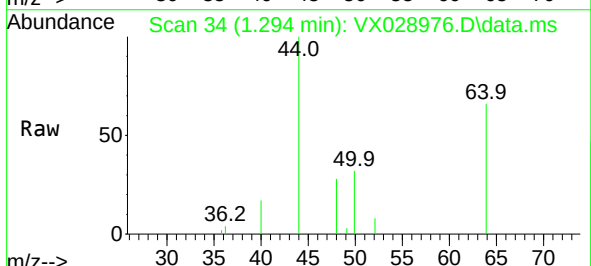
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220523

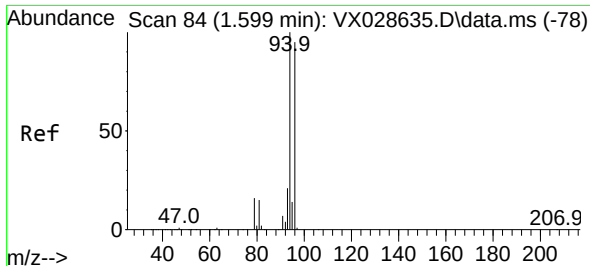
Tgt Ion:168 Resp: 333533
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 50 Resp: 893
Ion Ratio Lower Upper
50 100
52 25.0 26.4 39.6#

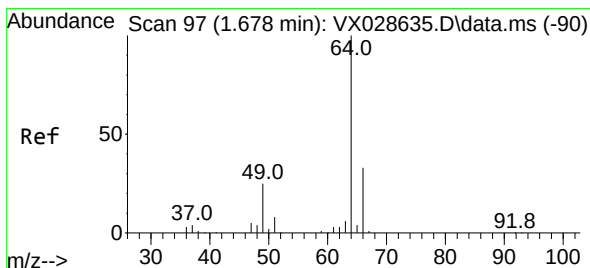
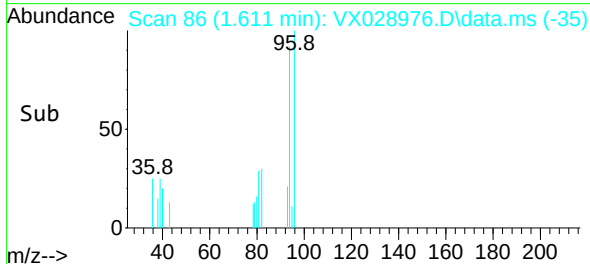
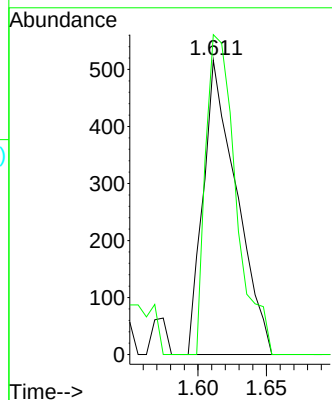
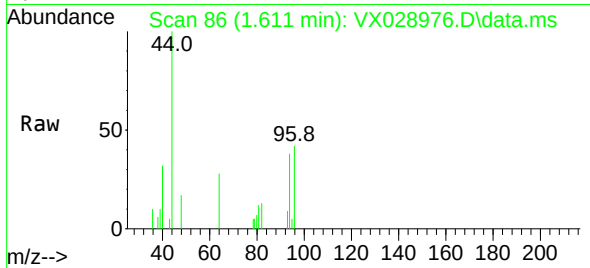




#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

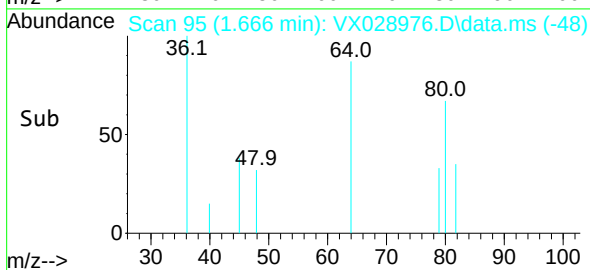
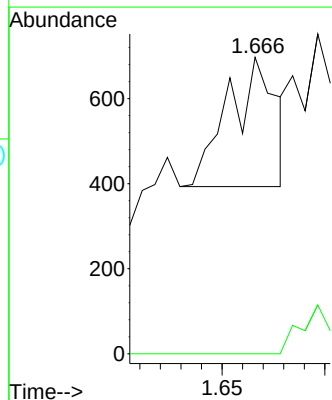
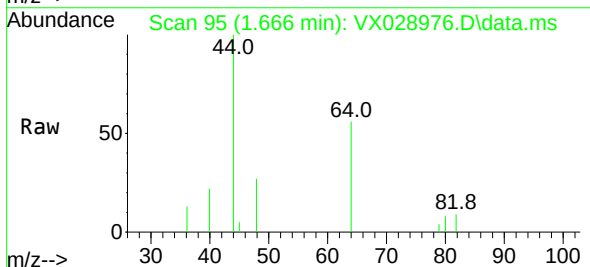
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220523

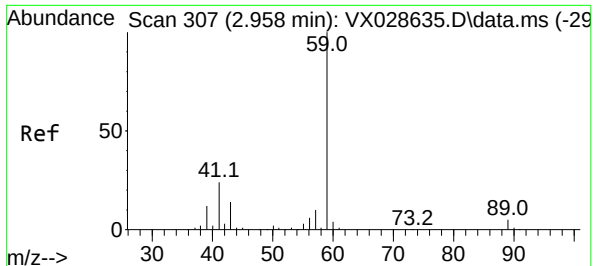
Tgt Ion: 94 Resp: 873
Ion Ratio Lower Upper
94 100
96 108.7 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.012 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 64 Resp: 488
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

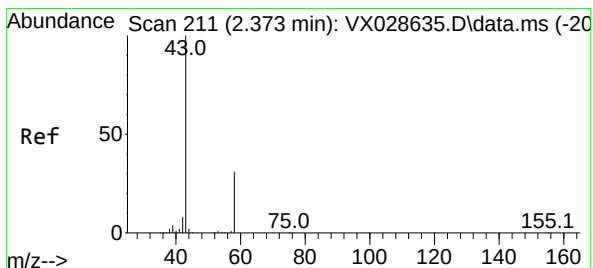
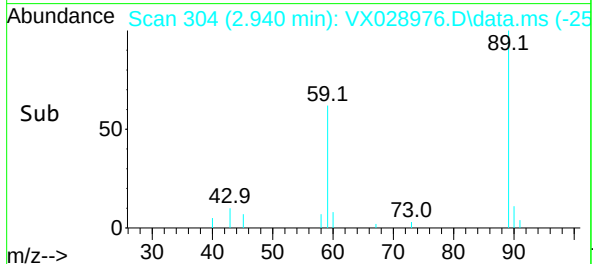
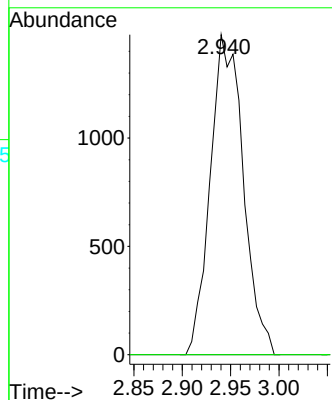
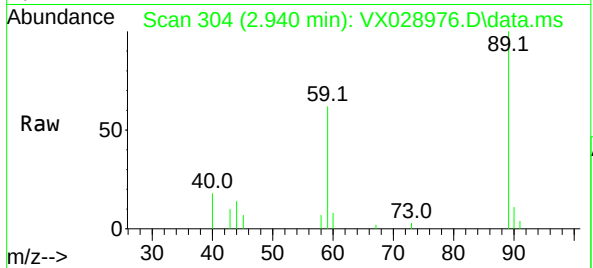




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.940 min Scan# 30
Delta R.T. -0.018 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

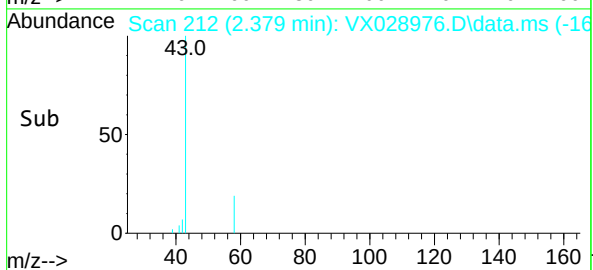
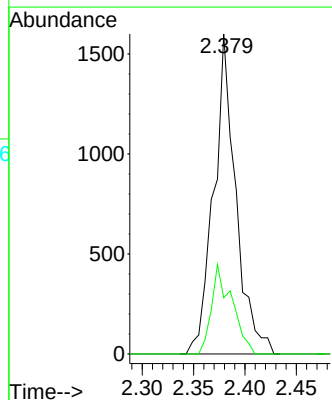
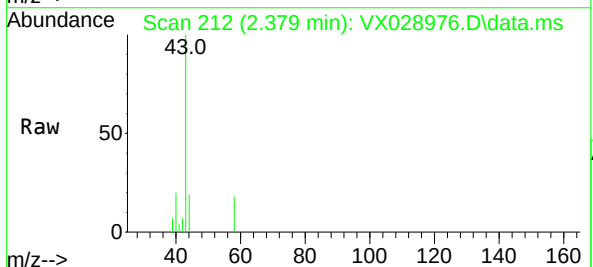
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220523

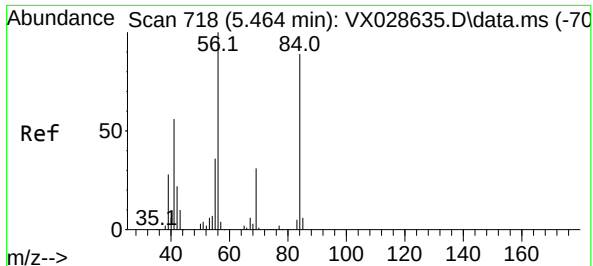
Tgt Ion: 59 Resp: 3497
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.219 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

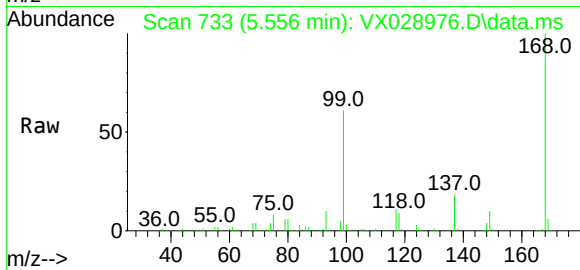
Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 17.6 28.8 43.2#



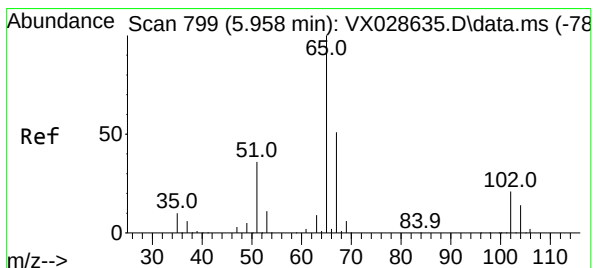
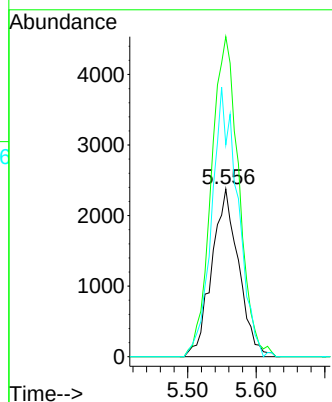
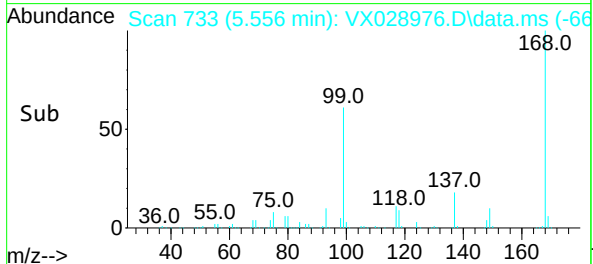


#31
Cyclohexane
Concen: 1.019 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Instrument :
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ClientSampleId :
TB04-20220523

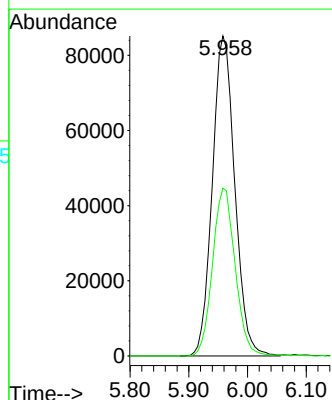
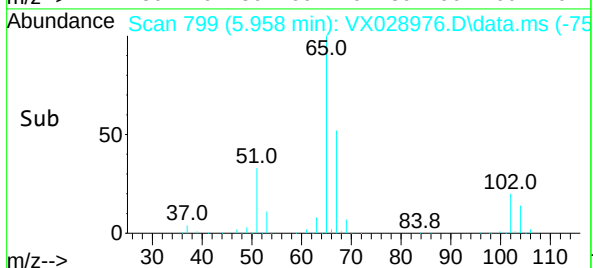
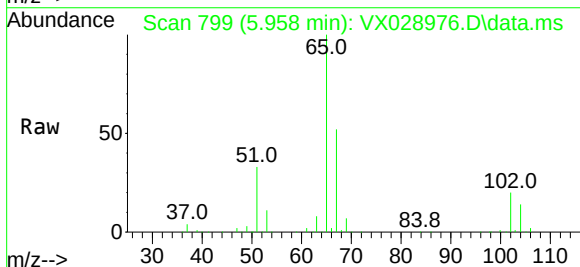


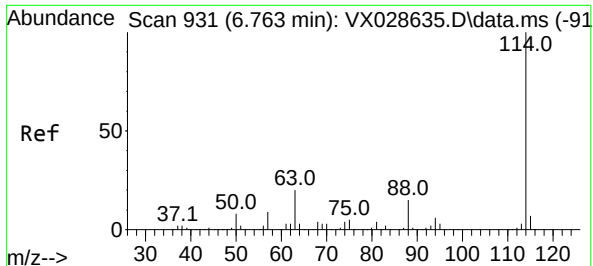
Tgt Ion: 56 Resp: 6466
Ion Ratio Lower Upper
56 100
69 190.7 26.7 40.1#
84 126.2 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 49.506 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 65 Resp: 226341
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

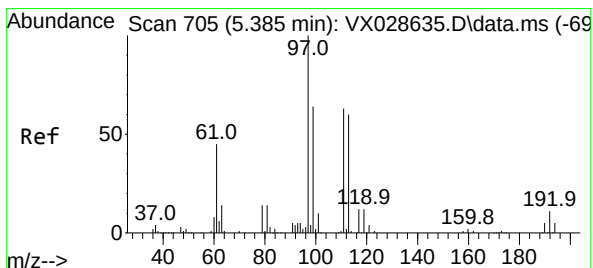
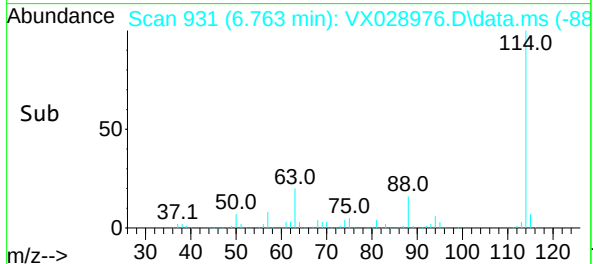
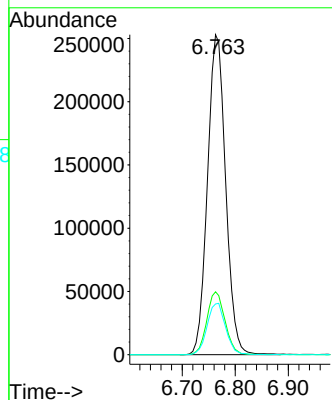
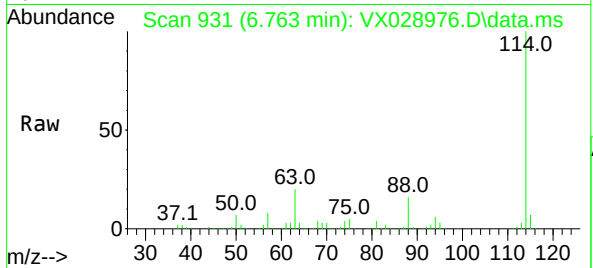




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

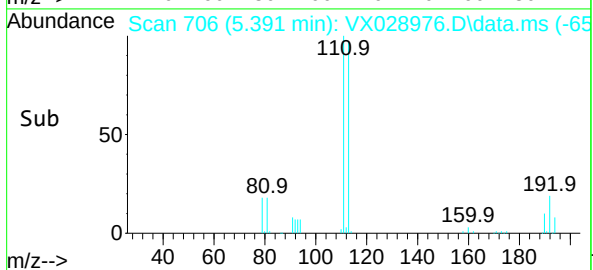
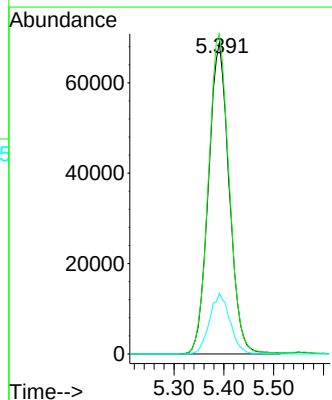
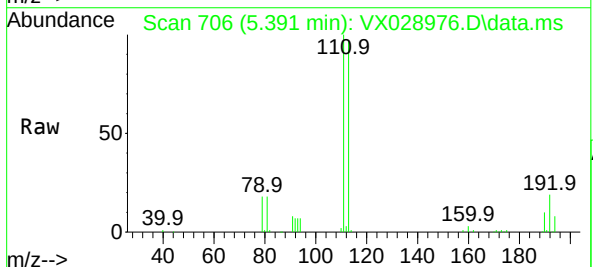
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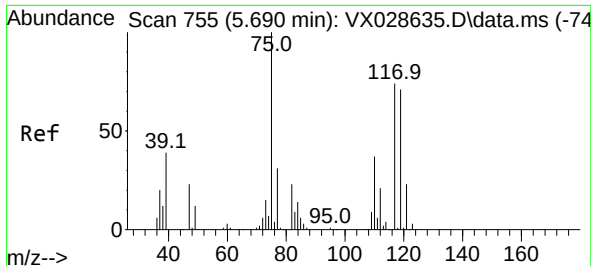
Tgt Ion:114 Resp: 601698
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.366 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion:113 Resp: 198554
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 19.3 16.9 25.3

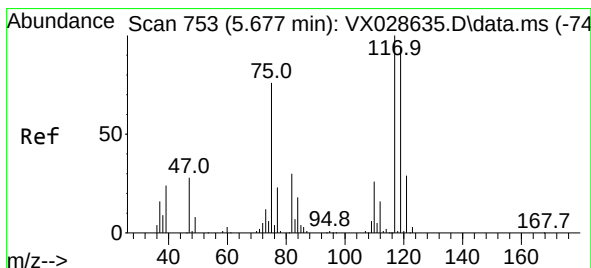
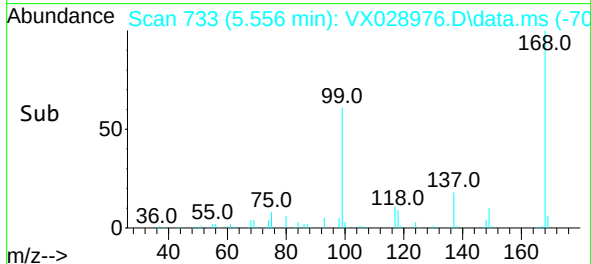
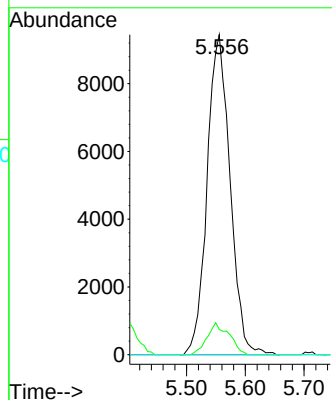
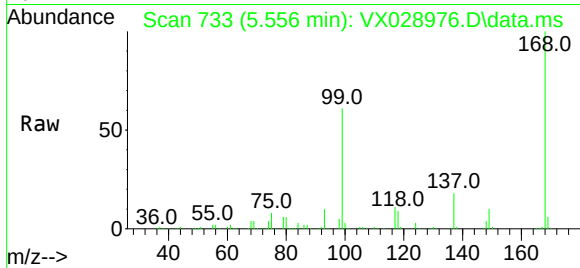




#36
1,1-Dichloropropene
Concen: 4.327 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

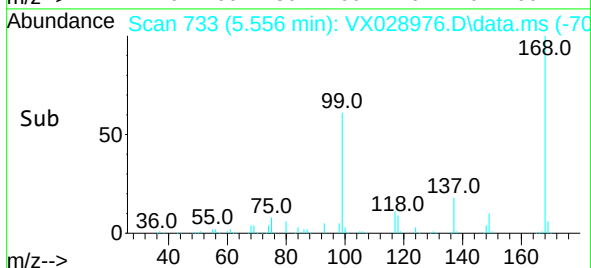
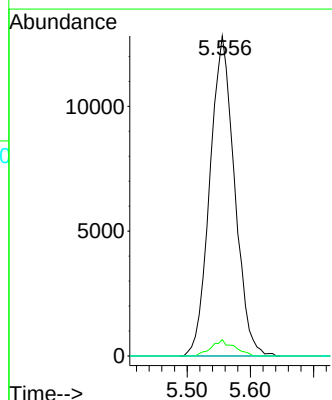
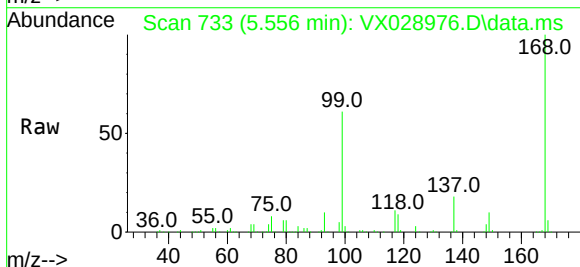
Instrument :
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TB04-20220523

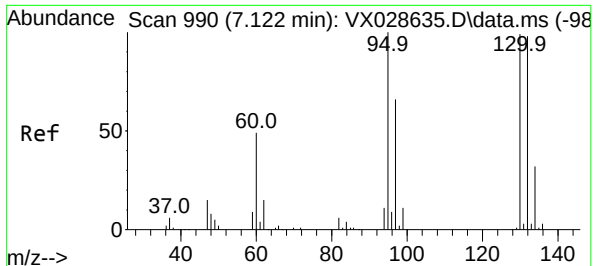
Tgt Ion: 75 Resp: 25621
Ion Ratio Lower Upper
75 100
110 9.6 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.836 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 117 Resp: 34777
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#

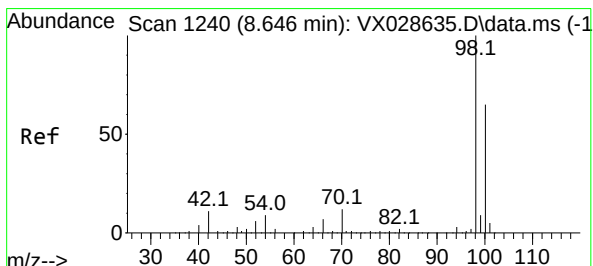
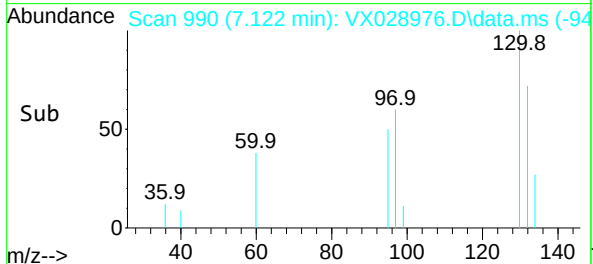
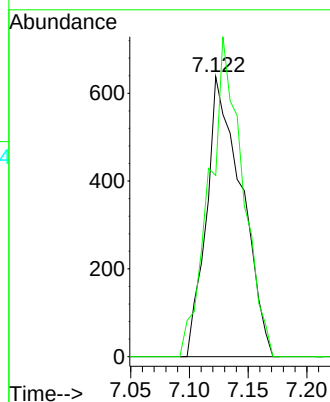
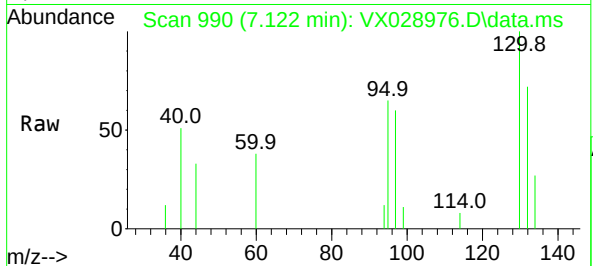




#44
Trichloroethene
Concen: 0.287 ug/l
RT: 7.122 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

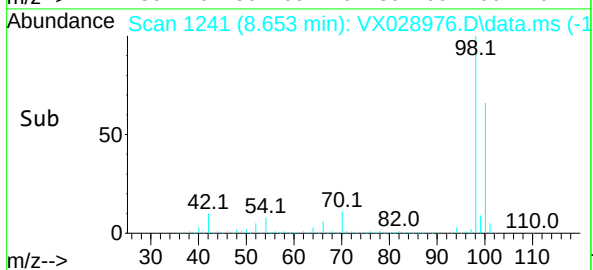
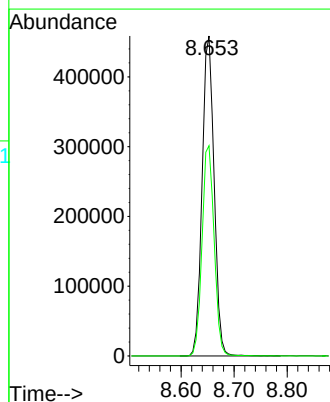
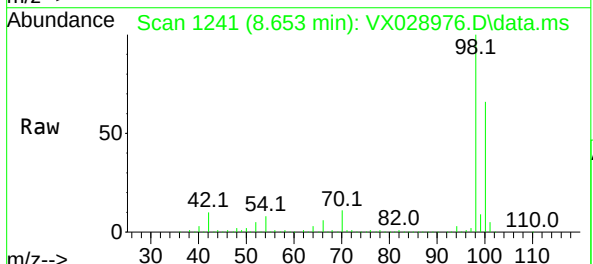
Instrument :
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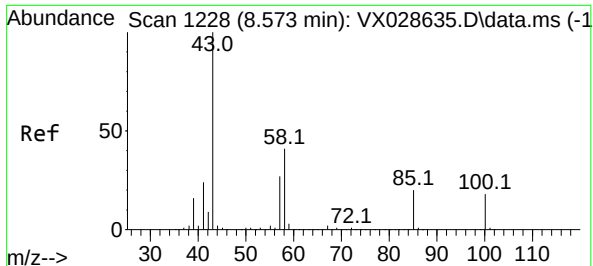
Tgt Ion:130 Resp: 1325
Ion Ratio Lower Upper
130 100
95 64.7 0.0 188.8



#50
Toluene-d8
Concen: 48.444 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 98 Resp: 720014
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8

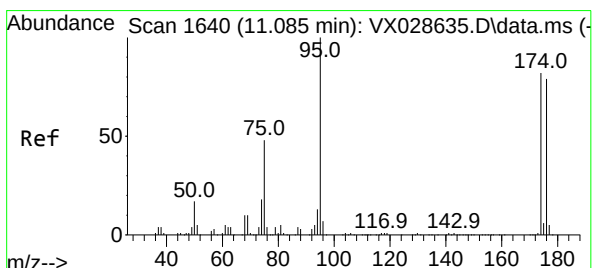
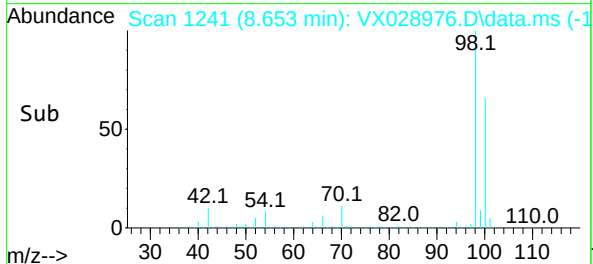
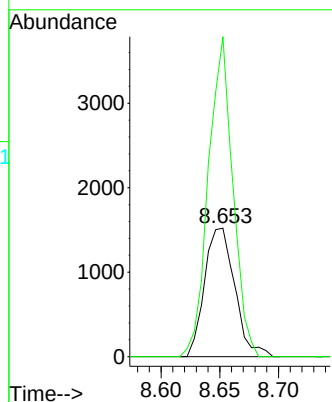
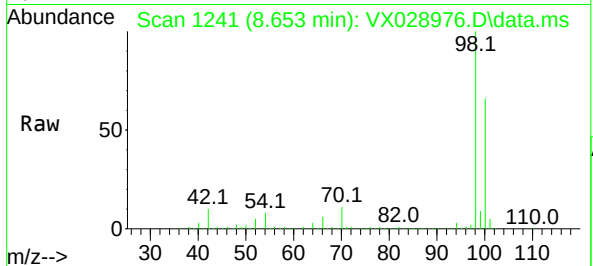




#51
4-Methyl-2-Pentanone
Concen: 0.426 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

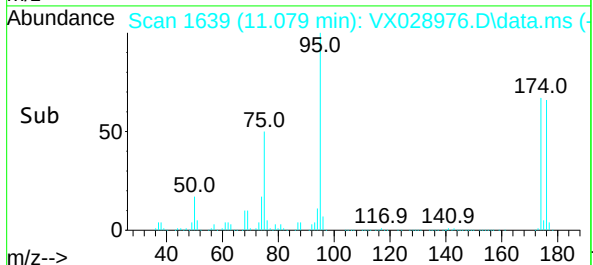
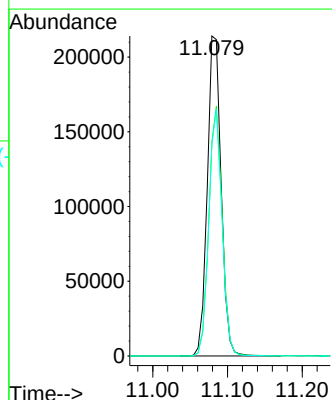
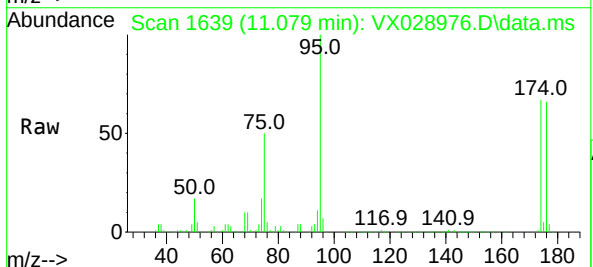
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220523

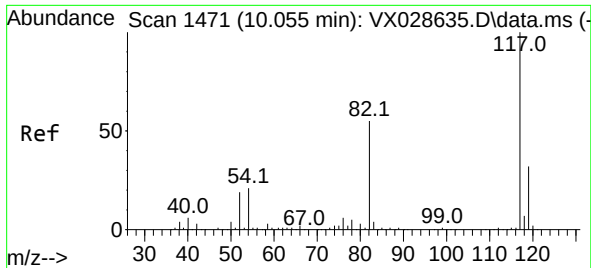
Tgt Ion: 43 Resp: 2718
Ion Ratio Lower Upper
43 100
58 202.4 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 49.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 95 Resp: 275525
Ion Ratio Lower Upper
95 100
174 75.6 0.0 163.0
176 73.5 0.0 155.0

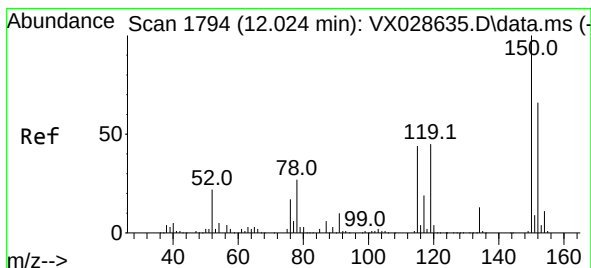
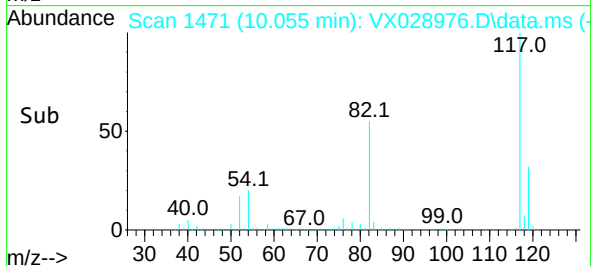
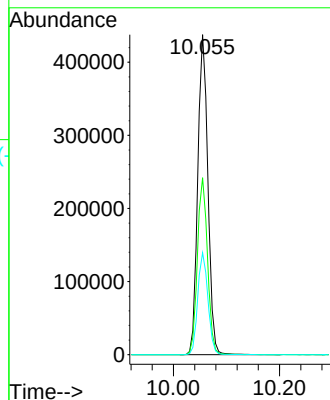
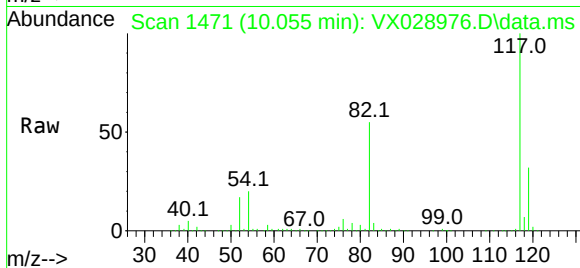




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

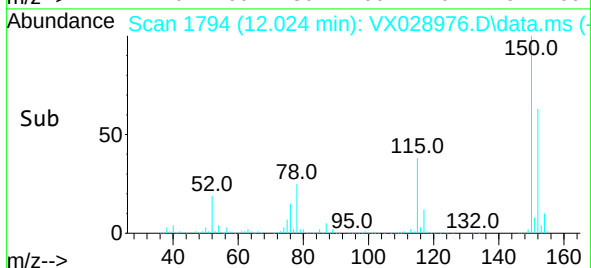
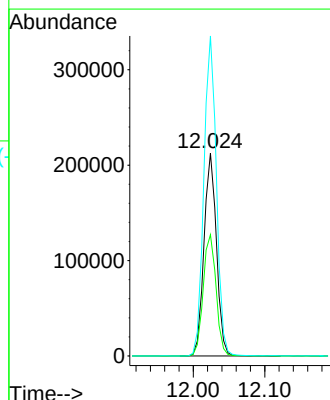
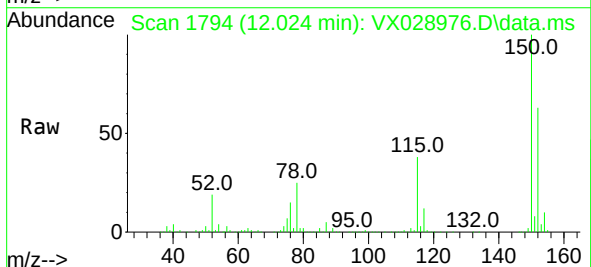
Instrument :
MSVOA_X
ClientSampleId :
TB04-20220523

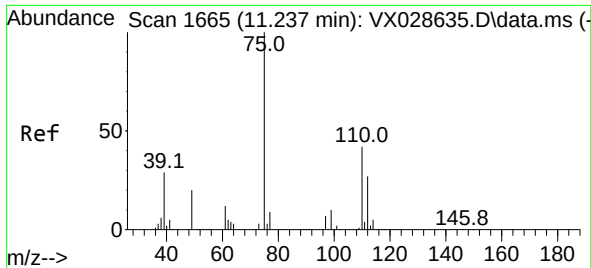
Tgt Ion:117 Resp: 578208
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion:152 Resp: 257415
Ion Ratio Lower Upper
152 100
115 61.9 37.5 112.7
150 158.8 0.0 338.2

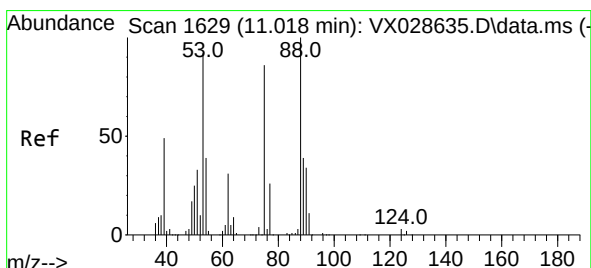
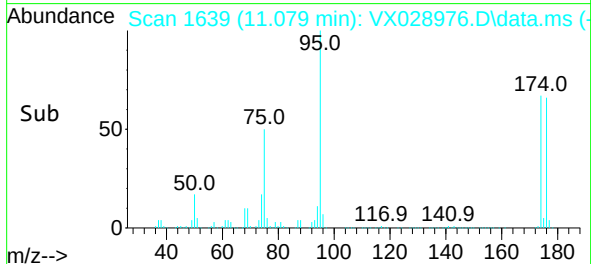
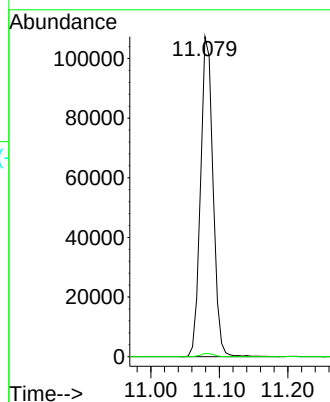
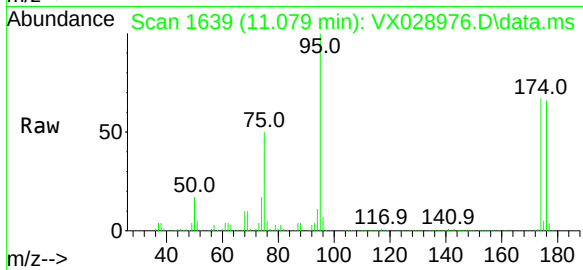




#76
1,2,3-Trichloropropane
Concen: 22.691 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Instrument :
MSVOA_X
ClientSampleId :
TB04-20220523

Tgt Ion: 75 Resp: 136790
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.323 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028976.D
Acq: 26 May 2022 02:18

Tgt Ion: 75 Resp: 136790
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

