

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024513.D
 Acq On : 04 Oct 2021 12:21
 Operator : JC/MD
 Sample : VX1004WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBL01

Quant Time: Oct 05 03:19:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

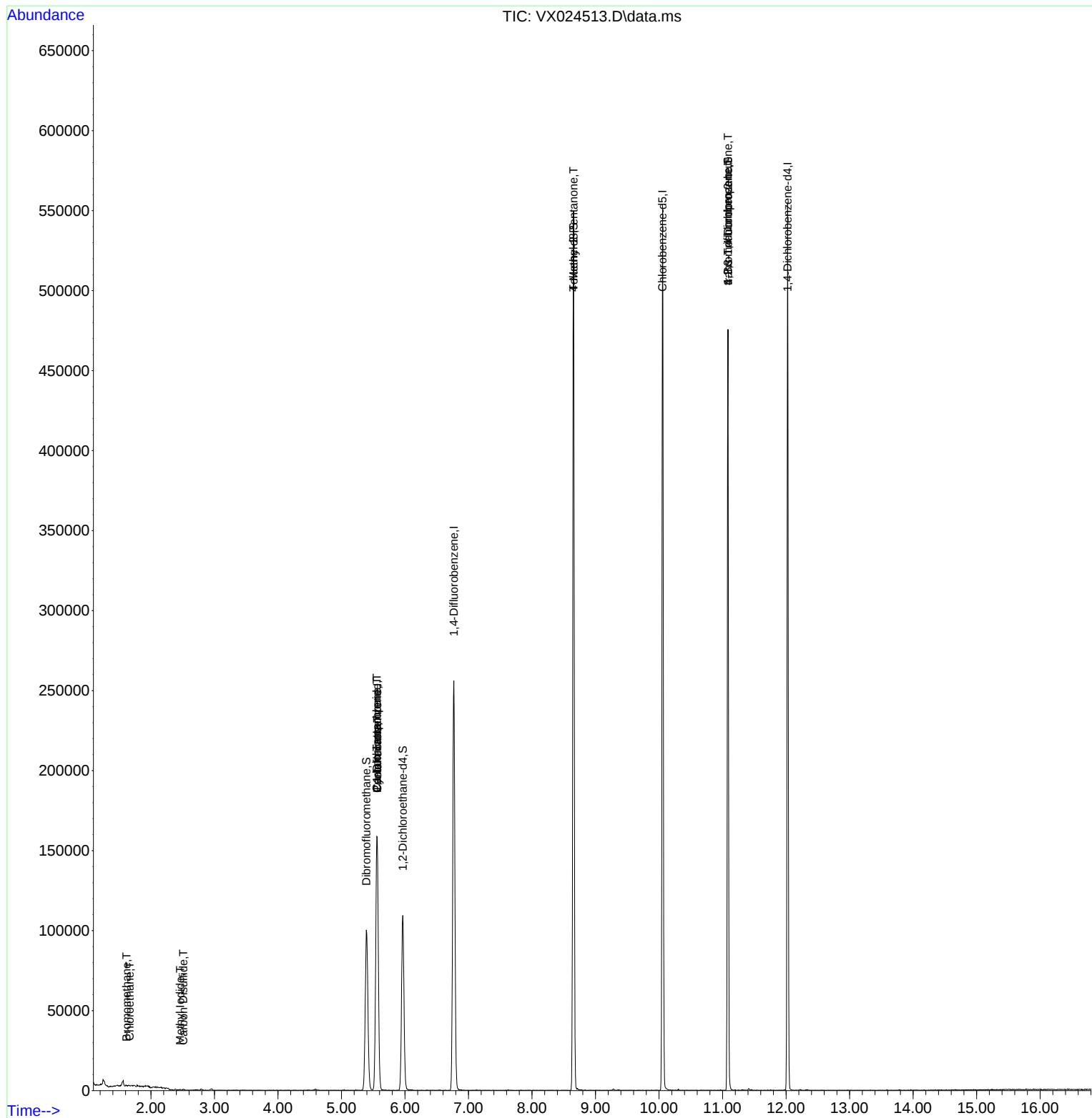
Internal Standards						
1) Pentafluorobenzene	5.562	168	148697	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255781	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	244831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111178	53.050	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.100%	
35) Dibromofluoromethane	5.391	113	85924	50.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.140%	
50) Toluene-d8	8.653	98	315611	50.465	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	11.085	95	120612	49.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	240	0.242	ug/l #	73
6) Chloroethane	1.666	64	382	0.645	ug/l #	43
10) Methyl Iodide	2.459	142	474	0.231	ug/l #	81
11) Tert butyl alcohol	2.959	59	477	Below Cal	#	73
16) Acetone	2.386	43	614	Below Cal		88
17) Carbon Disulfide	2.508	76	615	0.402	ug/l #	70
20) Methylene Chloride	2.794	84	349	Below Cal		93
31) Cyclohexane	5.562	56	3138	1.250	ug/l #	22
36) 1,1-Dichloropropene	5.556	75	11545	4.708	ug/l #	49
38) Carbon Tetrachloride	5.556	117	15708	5.885	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1472	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	64121	25.420	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	64121	69.286	ug/l #	12

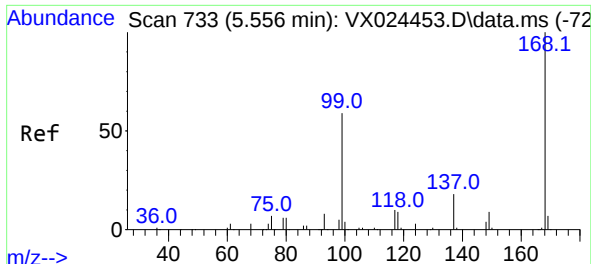
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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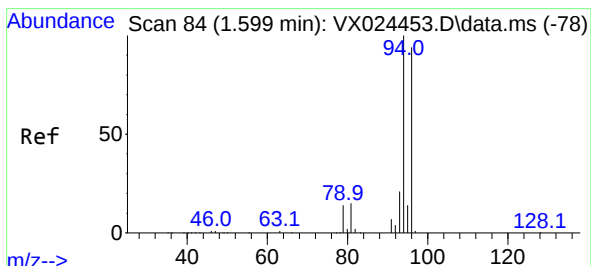
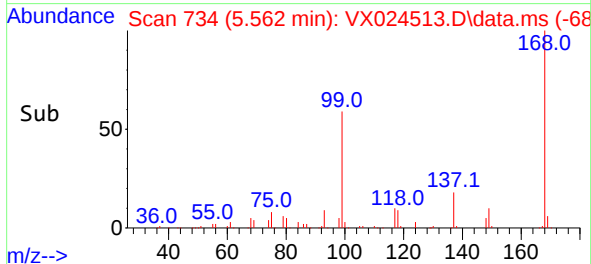
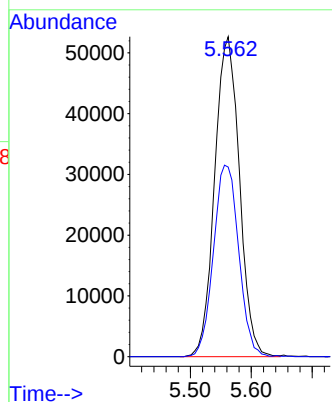
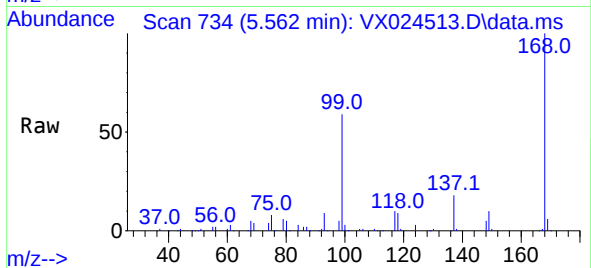




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

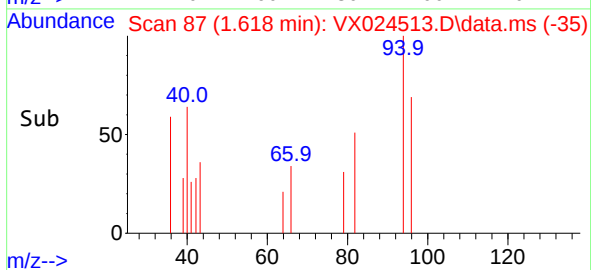
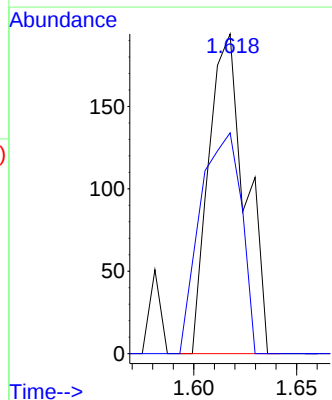
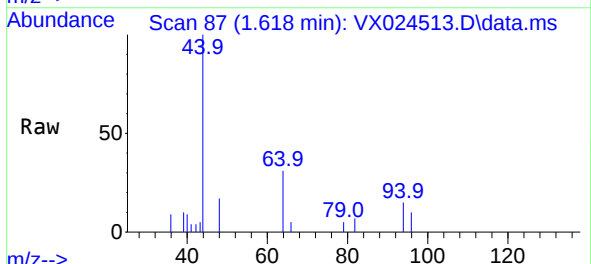
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

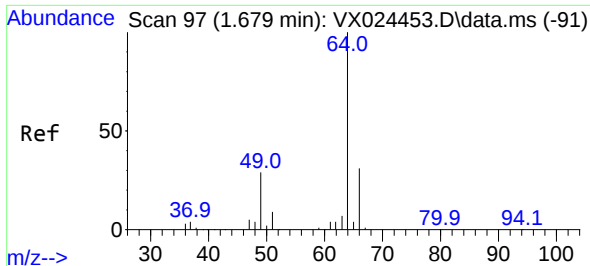
Tgt Ion:168 Resp: 148697
Ion Ratio Lower Upper
168 100
99 59.2 45.8 68.6



#5
Bromomethane
Concen: 0.242 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 94 Resp: 240
Ion Ratio Lower Upper
94 100
96 69.1 76.4 114.6#

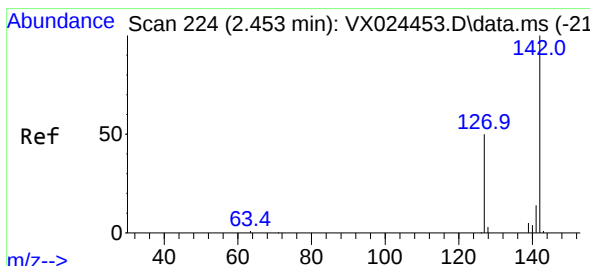
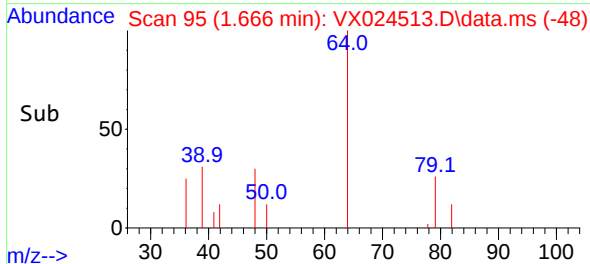
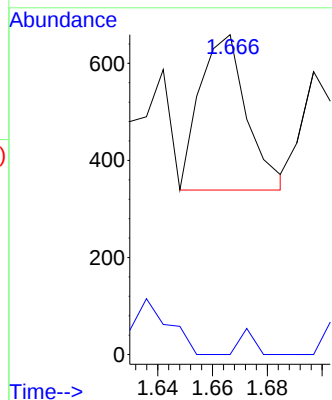
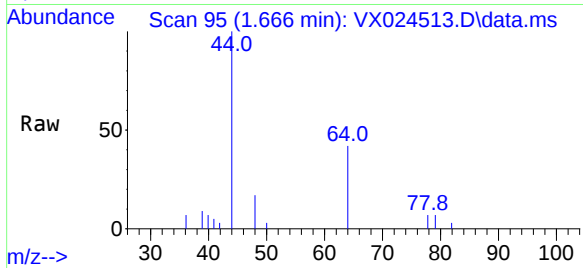




#6
Chloroethane
Concen: 0.645 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

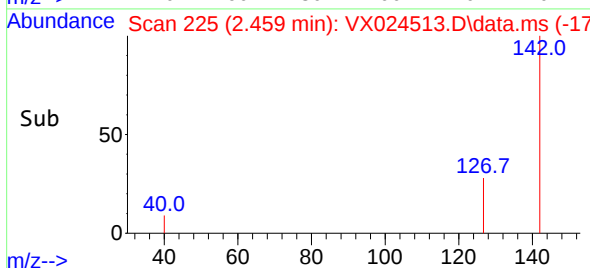
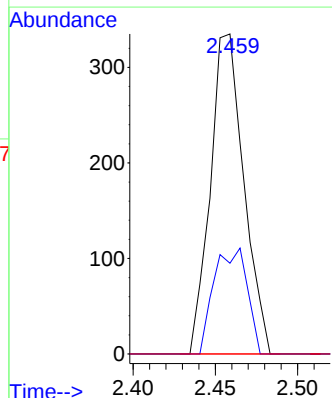
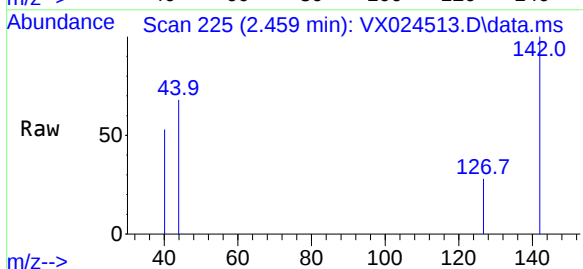
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

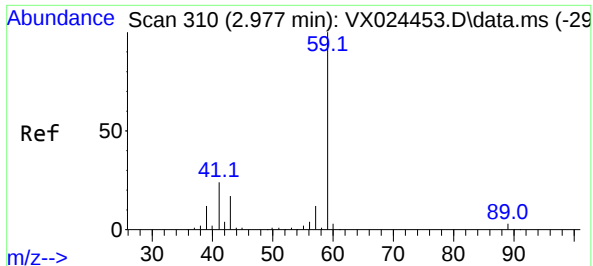
Tgt Ion: 64 Resp: 382
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.231 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 142 Resp: 474
Ion Ratio Lower Upper
142 100
127 32.7 33.3 49.9#
141 0.0 11.4 17.0#



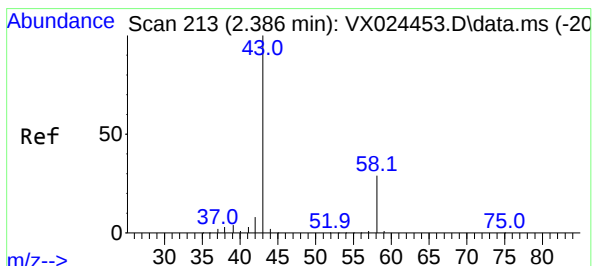
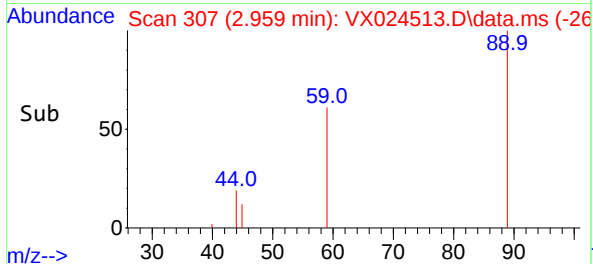
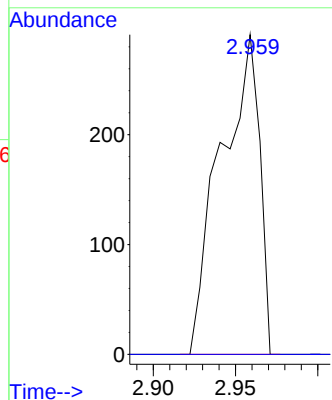
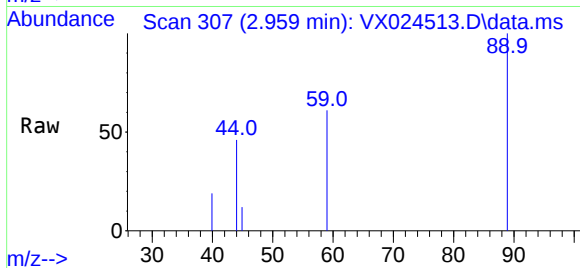


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

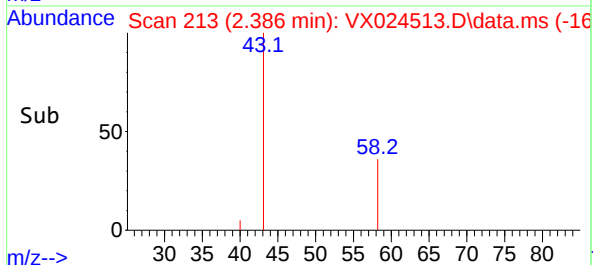
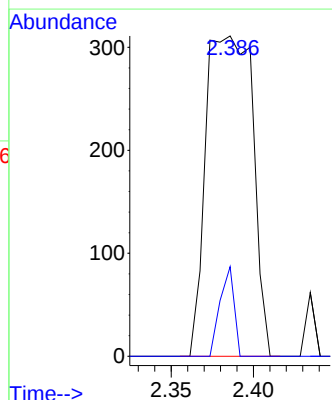
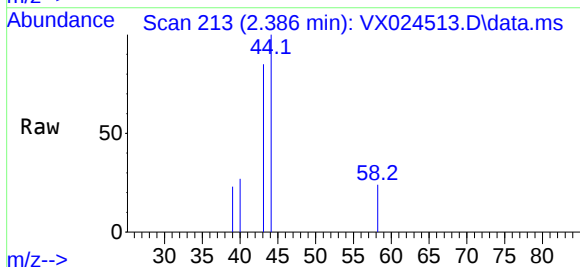
Tgt Ion: 59 Resp: 477
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

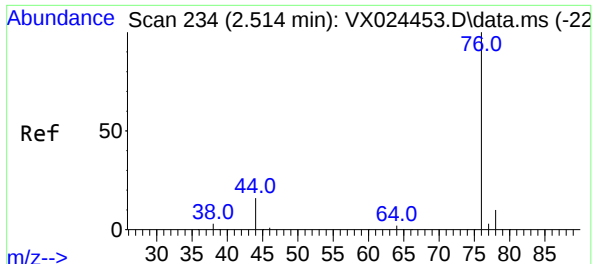


#16

Acetone
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
58 28.0 27.8 41.8

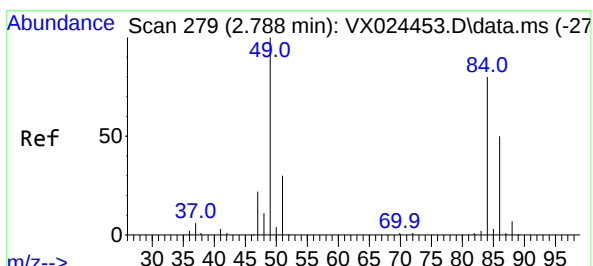
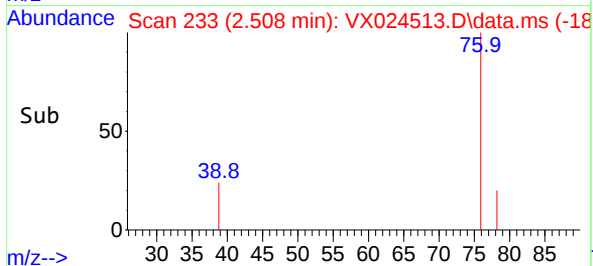
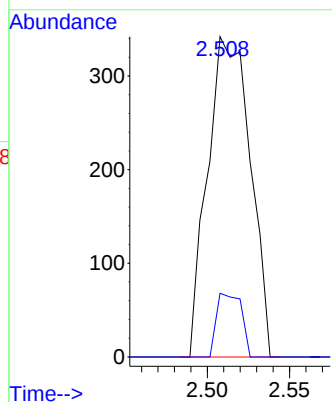
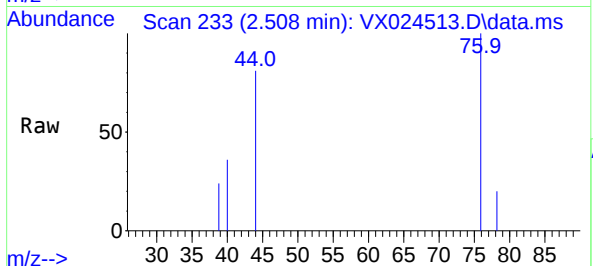




#17
Carbon Disulfide
Concen: 0.402 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

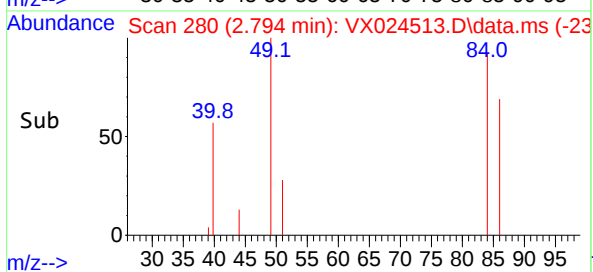
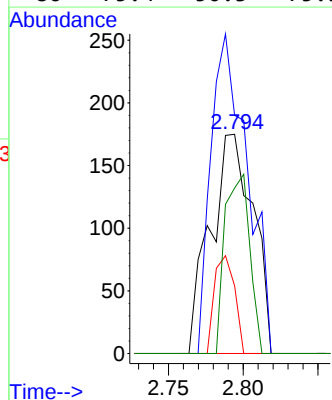
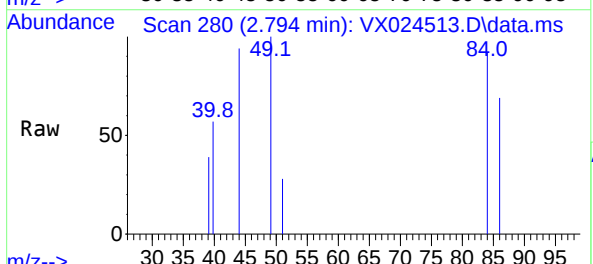
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

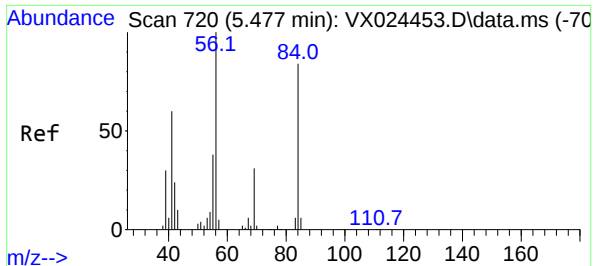
Tgt Ion: 76 Resp: 615
Ion Ratio Lower Upper
76 100
78 19.9 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 84 Resp: 349
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 30.9 27.0 40.6
86 75.4 50.3 75.5

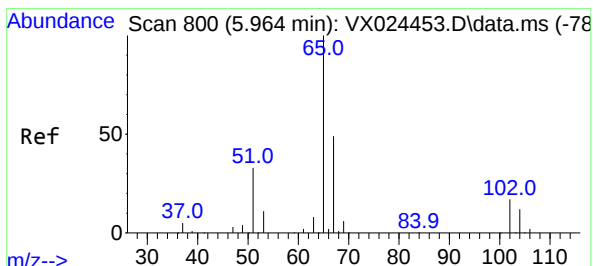
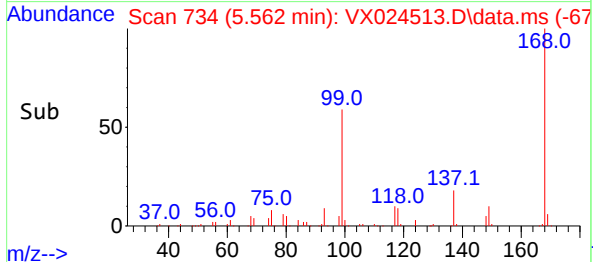
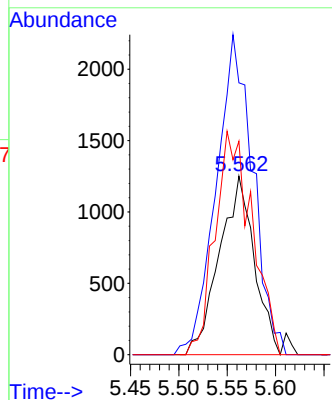
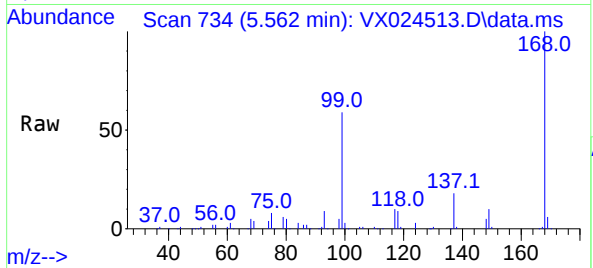




#31
Cyclohexane
Concen: 1.250 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

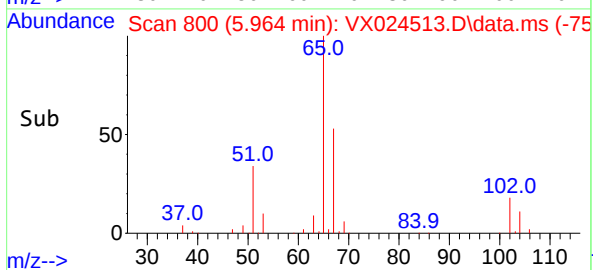
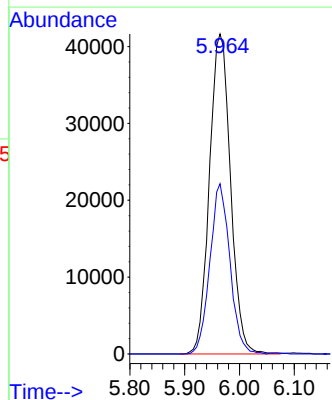
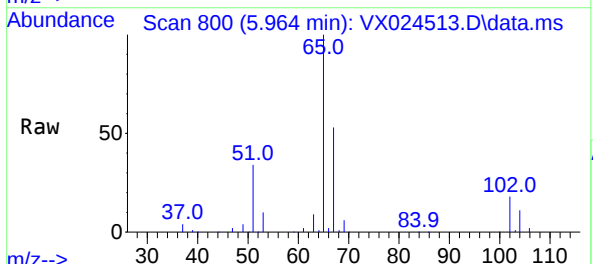
Instrument :
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ClientSampleId :
VX1004WBL01

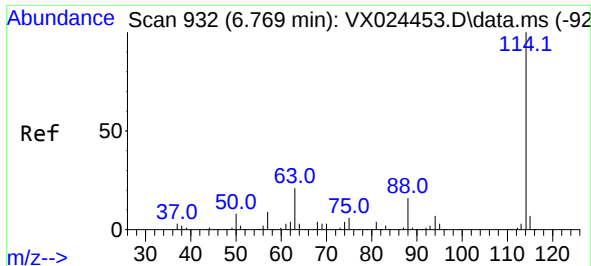
Tgt Ion: 56 Resp: 3138
Ion Ratio Lower Upper
56 100
69 147.3 25.3 37.9#
84 119.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.050 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 65 Resp: 111178
Ion Ratio Lower Upper
65 100
67 50.4 0.0 105.4

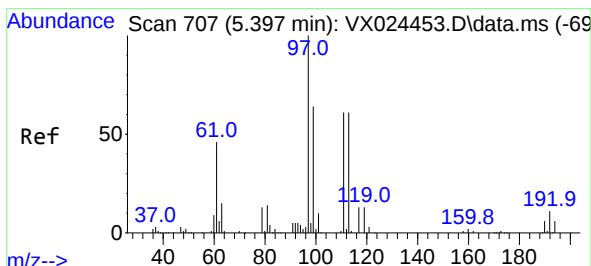
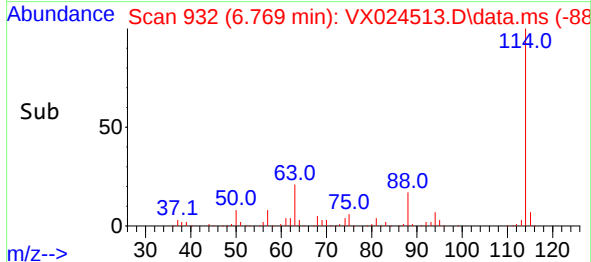
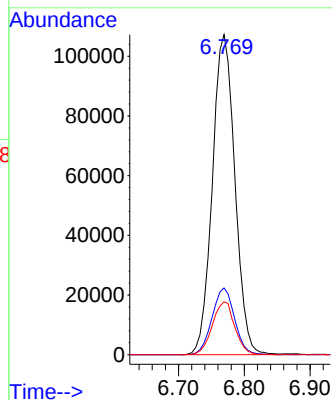
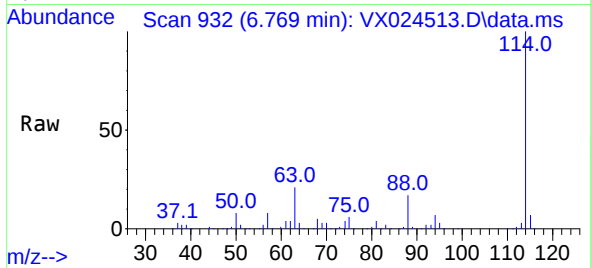




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

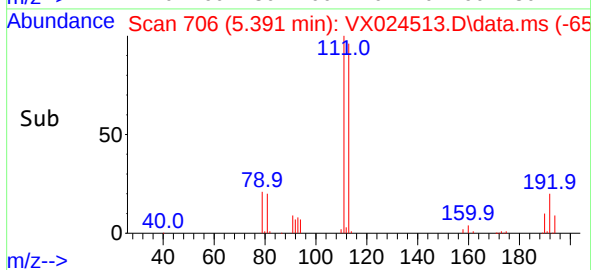
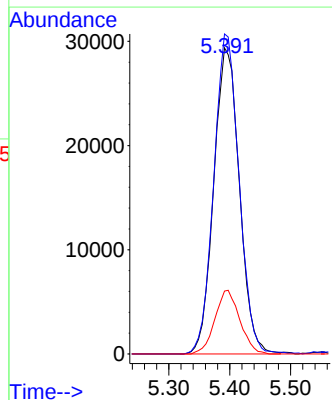
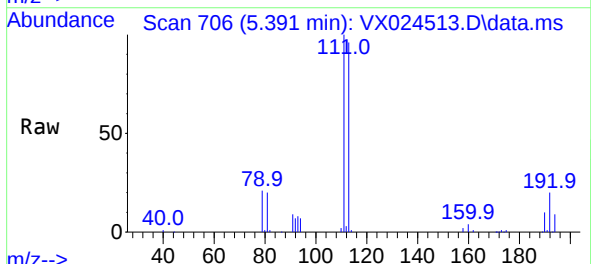
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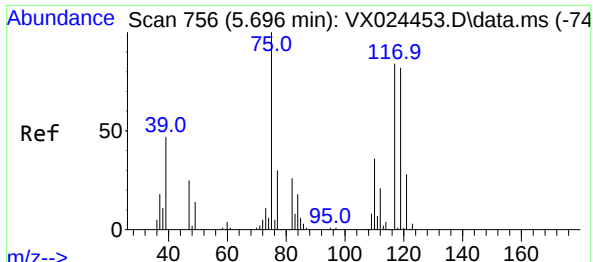
Tgt Ion:114 Resp: 255781
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.567 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion:113 Resp: 85924
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 20.2 16.7 25.1

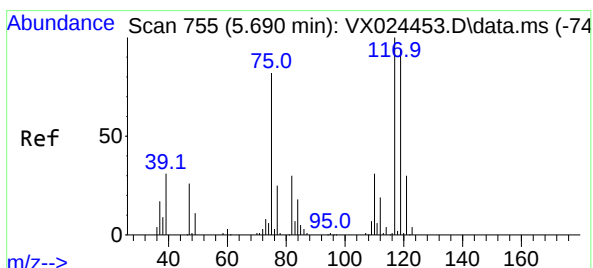
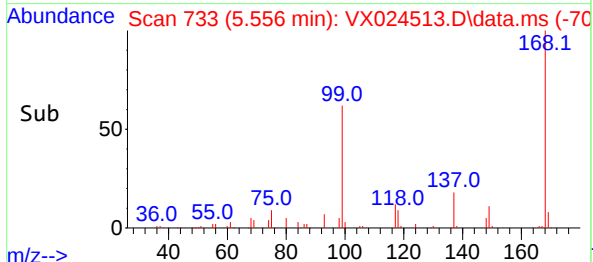
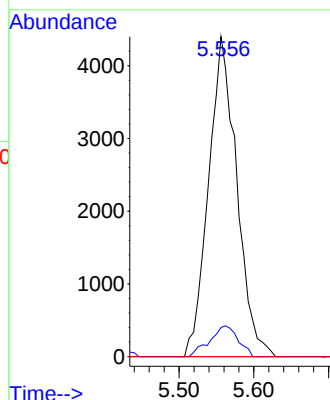
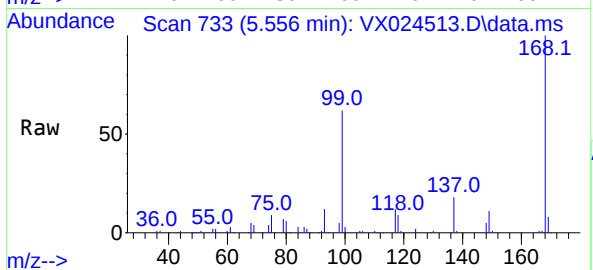




#36
1,1-Dichloropropene
Concen: 4.708 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

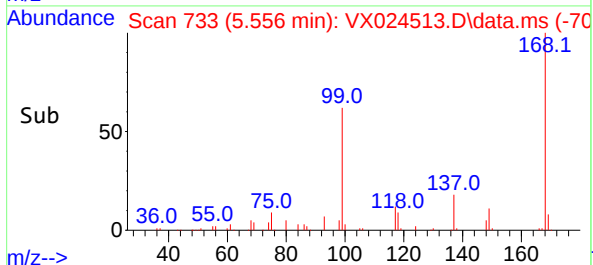
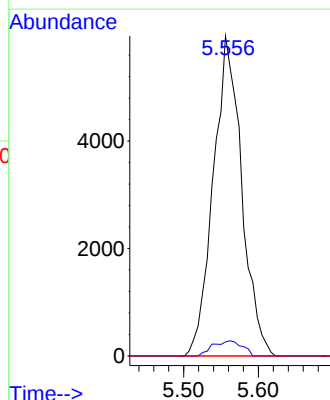
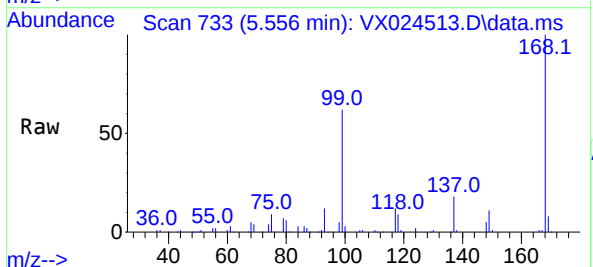
Instrument :
MSVOA_X
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VX1004WBL01

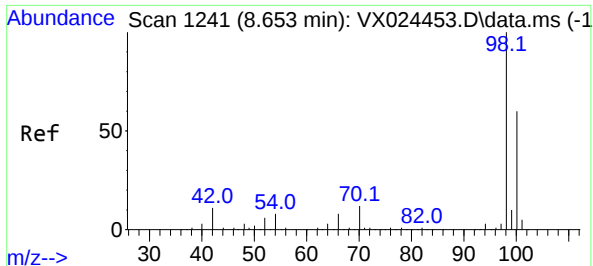
Tgt Ion:	75	Resp:	11545
Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.4#
77	0.0	25.3	37.9#



#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion:	117	Resp:	15708
Ion	Ratio	Lower	Upper
117	100		
119	4.4	76.2	114.2#
121	0.0	24.8	37.2#

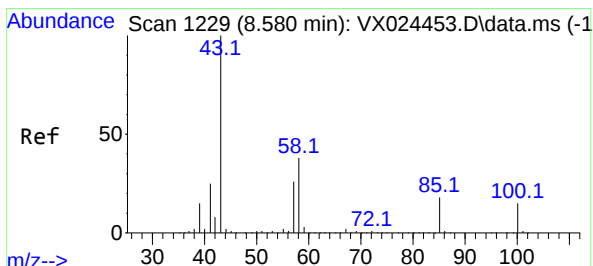
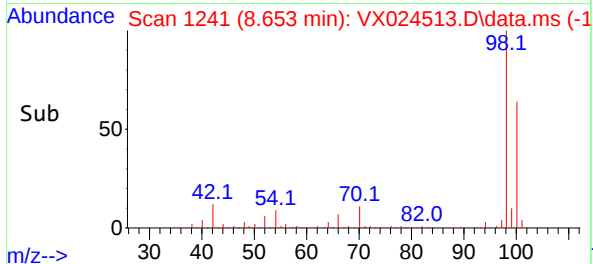
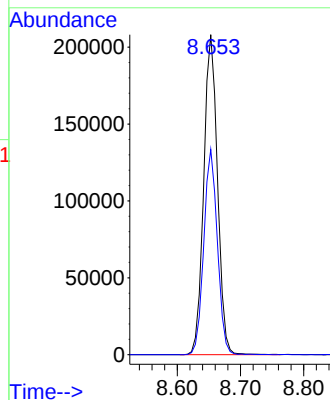
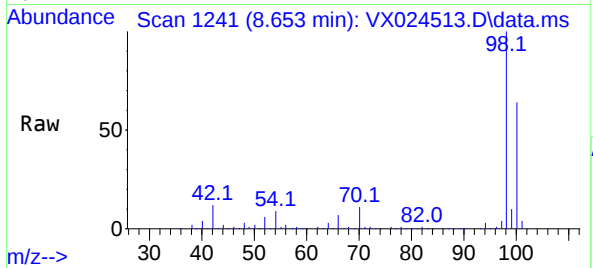




#50
Toluene-d8
Concen: 50.465 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

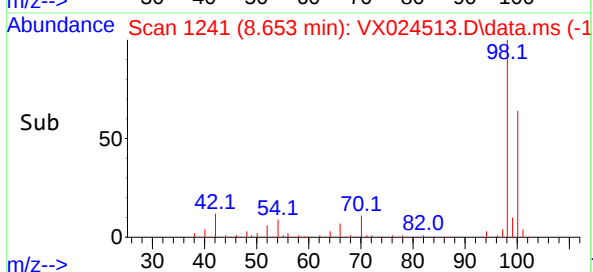
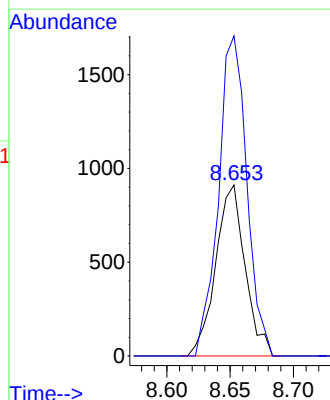
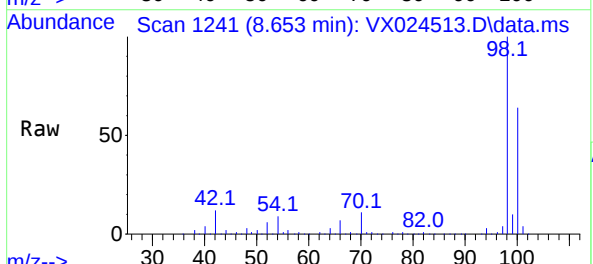
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

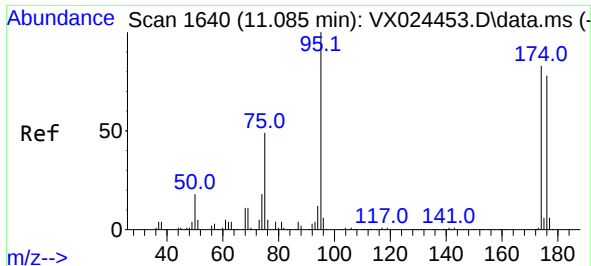
Tgt Ion: 98 Resp: 315611
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.479 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 43 Resp: 1472
Ion Ratio Lower Upper
43 100
58 180.8 35.4 53.0#

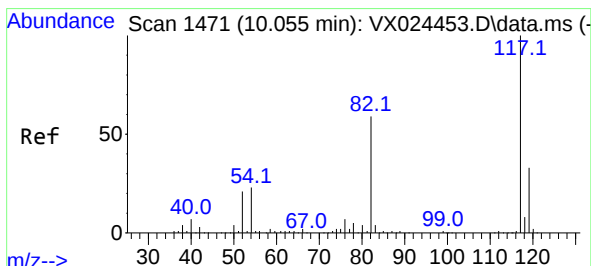
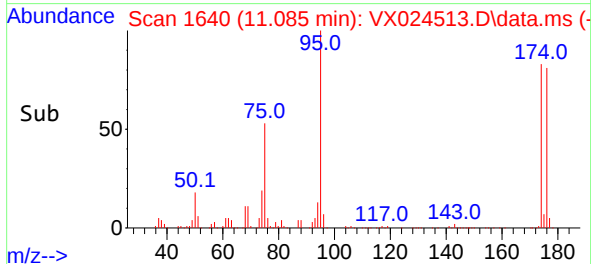
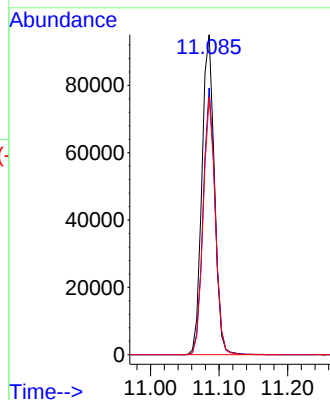
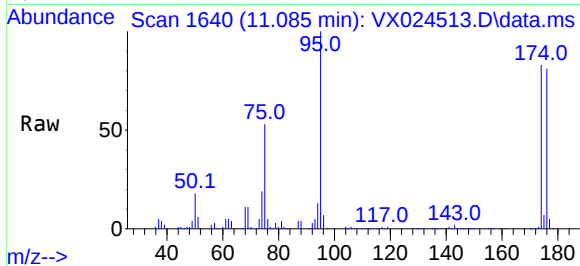




#62
4-Bromofluorobenzene
Concen: 49.050 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

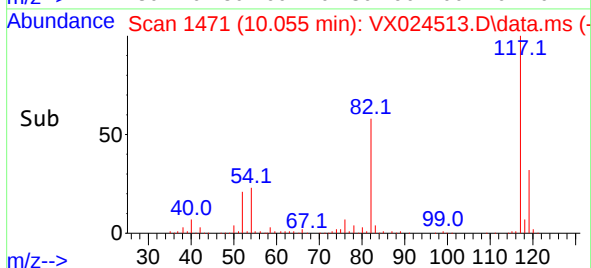
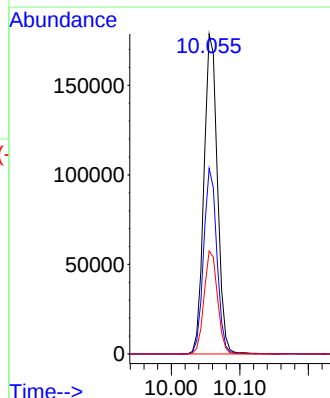
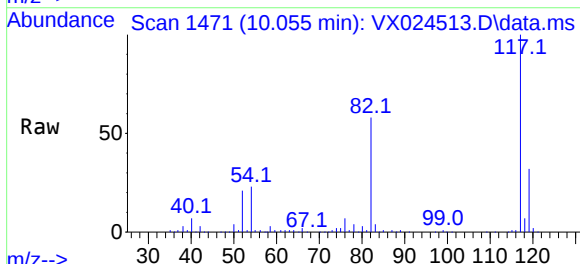
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

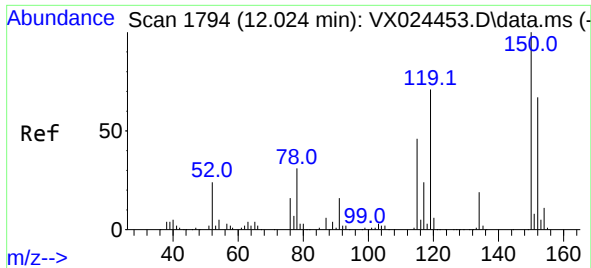
Tgt Ion: 95 Resp: 120612
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 77.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Tgt Ion: 117 Resp: 244831
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 32.2 26.6 39.8

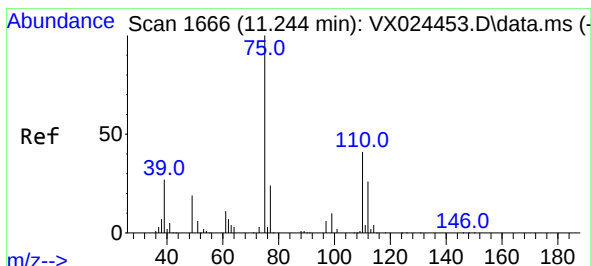
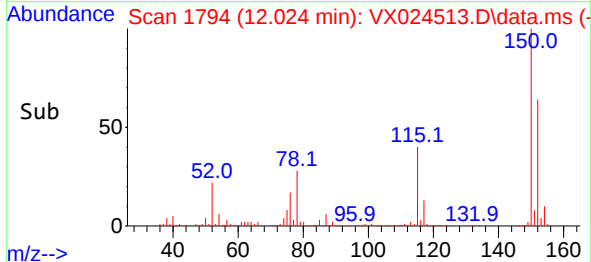
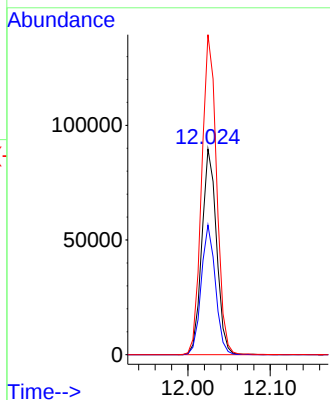
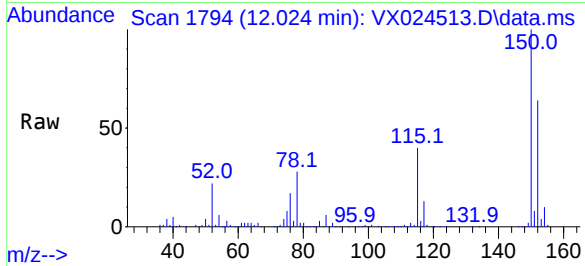




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

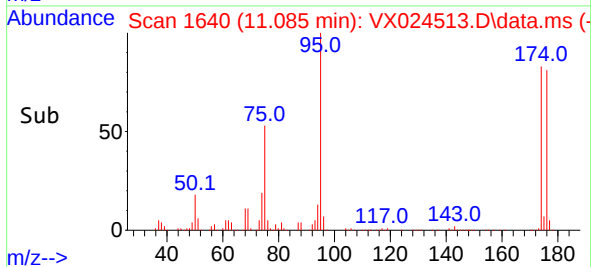
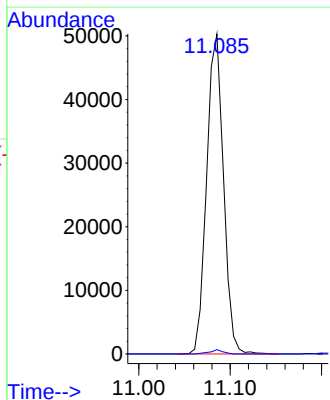
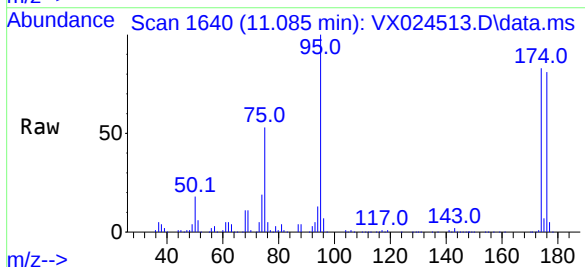
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01

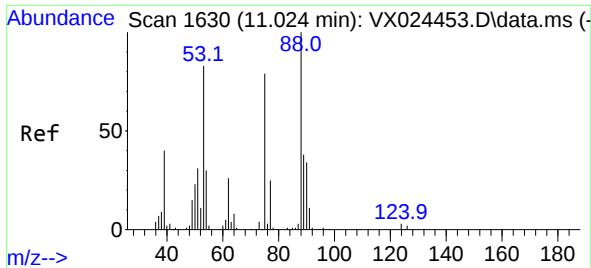
Tgt Ion:152 Resp: 111077
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.5 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.420 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

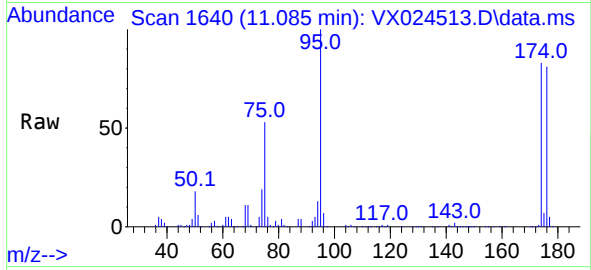
Tgt Ion: 75 Resp: 64121
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.286 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024513.D
Acq: 04 Oct 2021 12:21

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBL01



Tgt Ion: 75 Resp: 64121
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

