

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032321\
 Data File : VX021407.D
 Acq On : 24 Mar 2021 00:44
 Operator : JC/MD
 Sample : M1735-16 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20210316

Quant Time: Mar 24 03:34:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 16 14:00:21 2021
 Response via : Initial Calibration

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

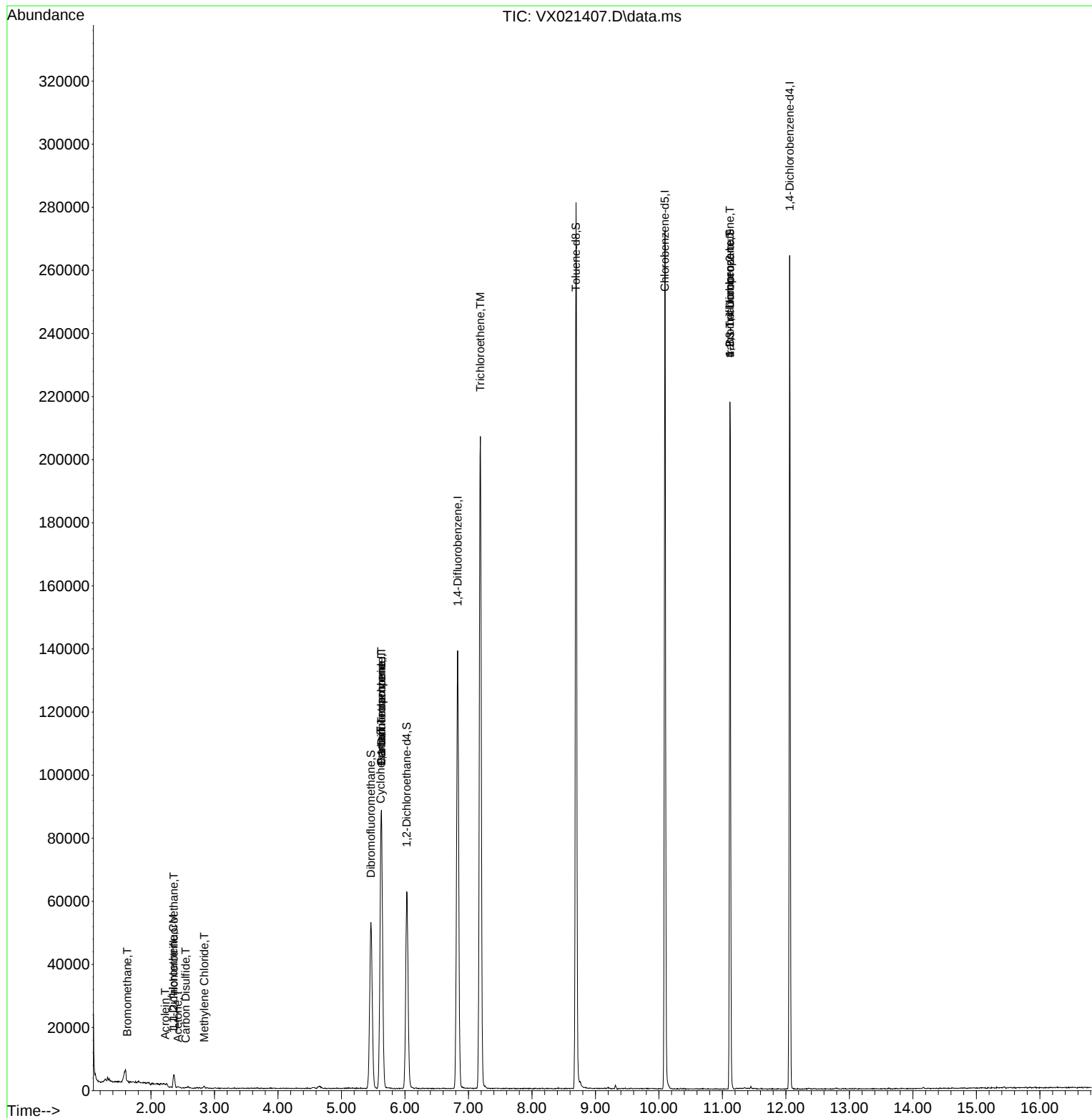
Internal Standards						
1) Pentafluorobenzene	5.629	168	76565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	126837	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	111809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	47644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	61588	49.04	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.08%
35) Dibromofluoromethane	5.464	113	43102	49.94	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.88%
50) Toluene-d8	8.694	98	157415	50.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.54%
62) 4-Bromofluorobenzene	11.118	95	55629	45.74	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.48%
Target Compounds						Qvalue
3) Chloromethane	1.317	50	1390	Below Cal		89
5) Bromomethane	1.628	94	102	0.25 ug/l		95
9) 1,1,2-Trichlorotrifluo...	2.358	101	1354	1.69 ug/l		94
12) 1,1-Dichloroethene	2.352	96	361	0.46 ug/l #		80
13) Acrolein	2.223	56	50	3.52 ug/l #		81
16) Acetone	2.423	43	553	1.20 ug/l #		77
17) Carbon Disulfide	2.546	76	150	0.60 ug/l #		75
20) Methylene Chloride	2.840	84	193	0.20 ug/l #		90
31) Cyclohexane	5.617	56	2317	1.53 ug/l #		30
36) 1,1-Dichloropropene	5.629	75	7052	5.52 ug/l #		50
38) Carbon Tetrachloride	5.629	117	8321	6.27 ug/l #		17
44) Trichloroethene	7.188	130	73673	78.75 ug/l		93
76) 1,2,3-Trichloropropane	11.118	75	32174	29.11 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	32174	79.04 ug/l #		12

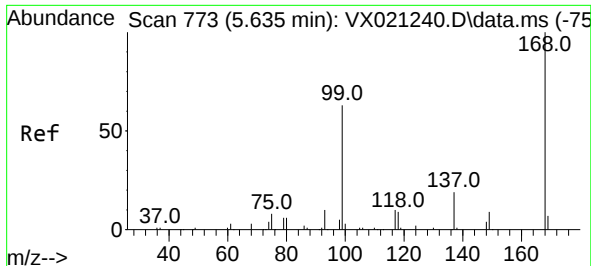
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

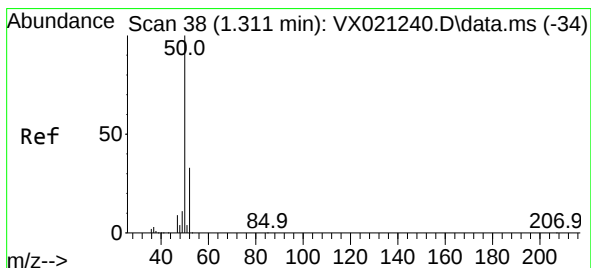
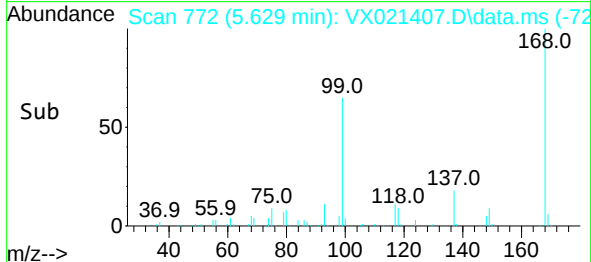
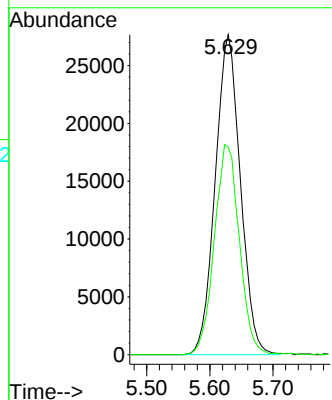
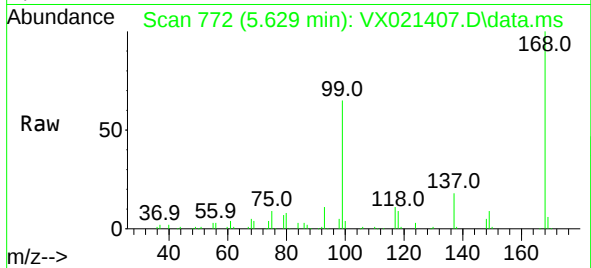




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.006 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

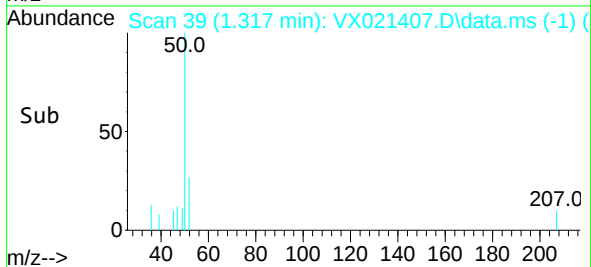
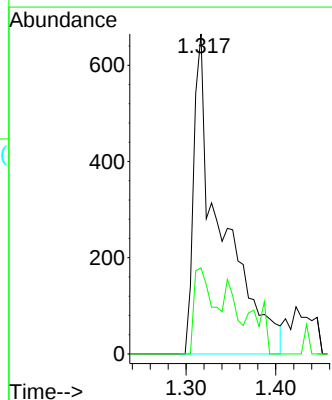
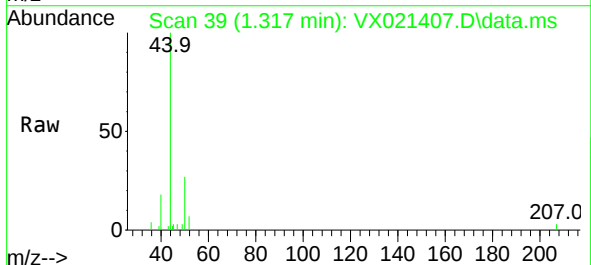
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

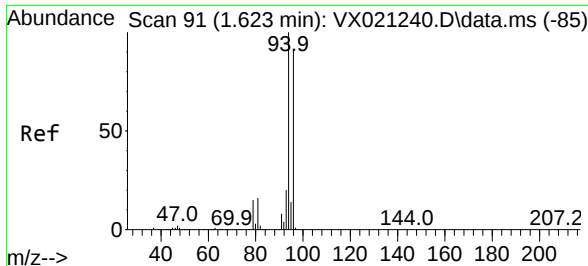
Tgt Ion:168 Resp: 76565
Ion Ratio Lower Upper
168 100
99 64.8 45.8 68.6



#3
Chloromethane
Concen: Below Cal
RT: 1.317 min Scan# 39
Delta R.T. 0.006 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 50 Resp: 1390
Ion Ratio Lower Upper
50 100
52 26.9 26.4 39.6

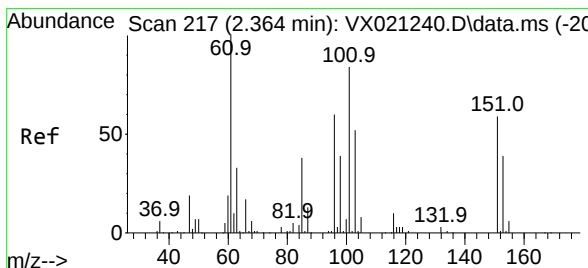
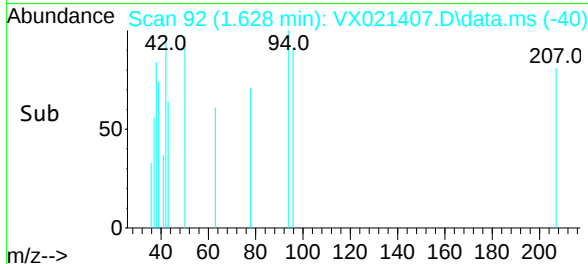
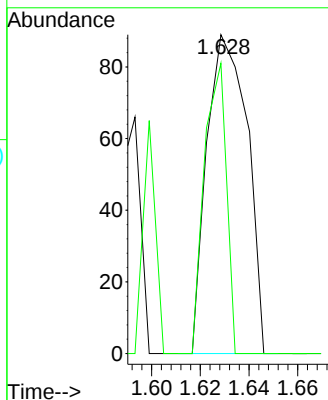
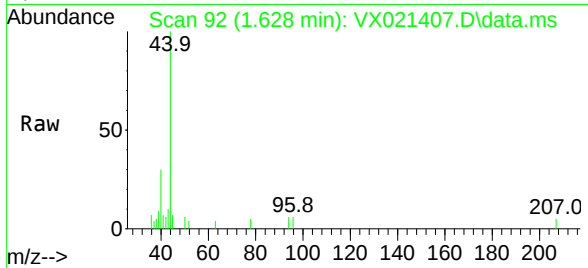




#5
Bromomethane
Concen: 0.25 ug/l
RT: 1.628 min Scan# 92
Delta R.T. 0.005 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

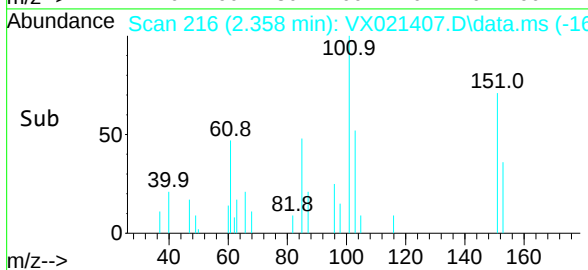
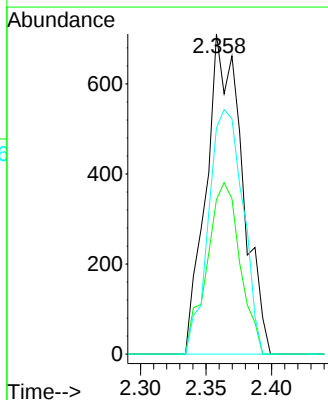
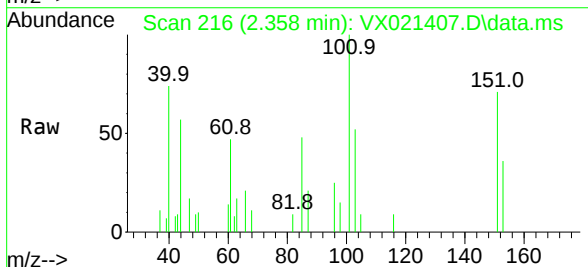
Instrument :
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ClientSampleId :
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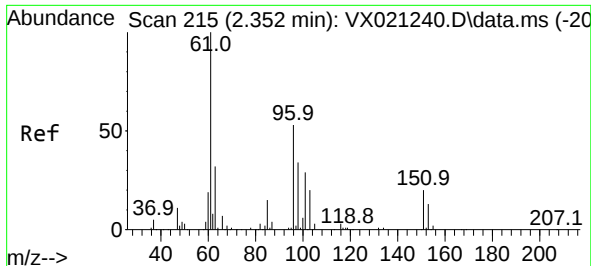
Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 91.0 76.4 114.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.69 ug/l
RT: 2.358 min Scan# 216
Delta R.T. -0.006 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 101 Resp: 1354
Ion Ratio Lower Upper
101 100
85 49.2 34.9 52.3
151 73.3 61.4 92.2

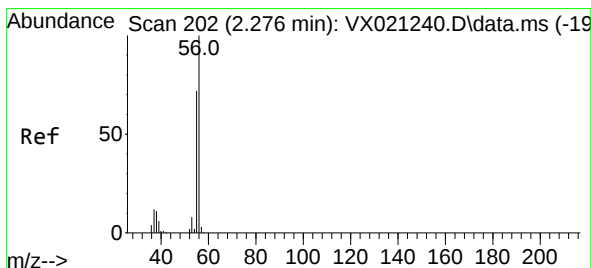
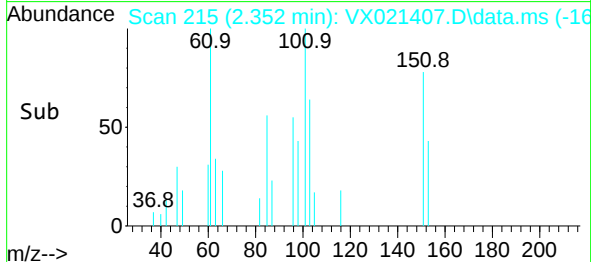
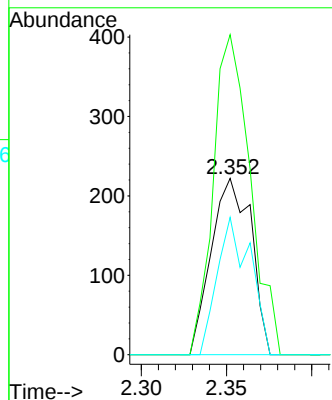
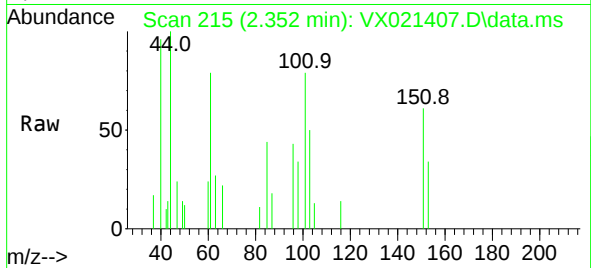




#12
1,1-Dichloroethene
Concen: 0.46 ug/l
RT: 2.352 min Scan# 215
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

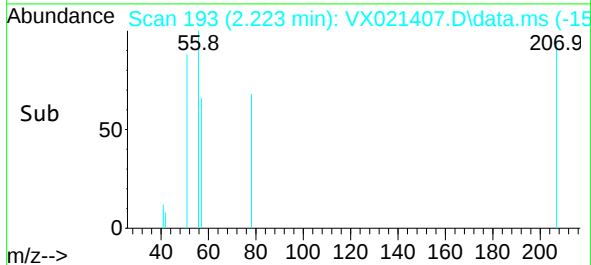
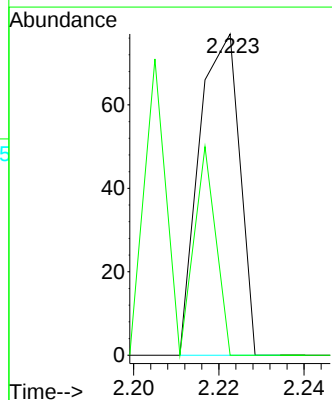
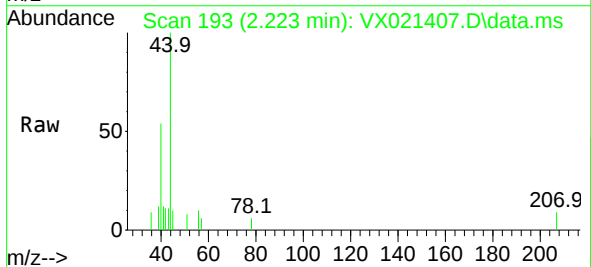
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

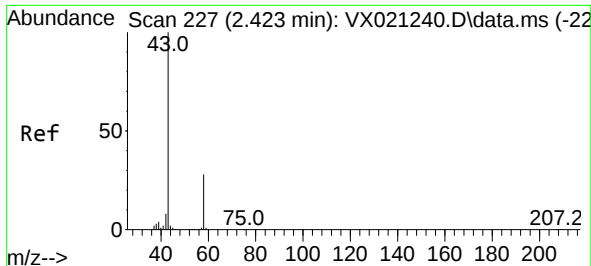
Tgt Ion: 96 Resp: 361
Ion Ratio Lower Upper
96 100
61 181.5 124.6 187.0
98 77.9 50.6 76.0#



#13
Acrolein
Concen: 3.52 ug/l
RT: 2.223 min Scan# 193
Delta R.T. -0.053 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 56 Resp: 50
Ion Ratio Lower Upper
56 100
55 86.0 56.4 84.6#

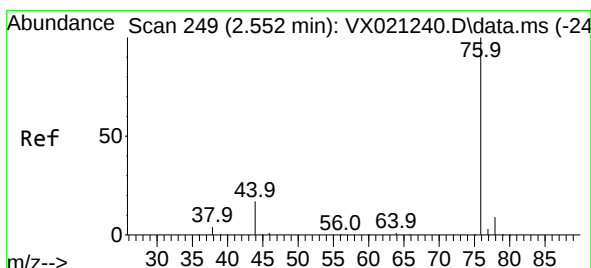
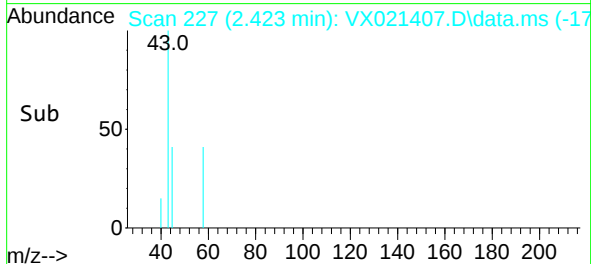
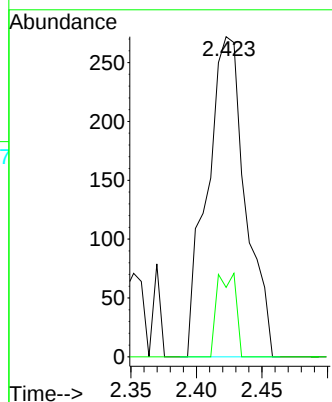
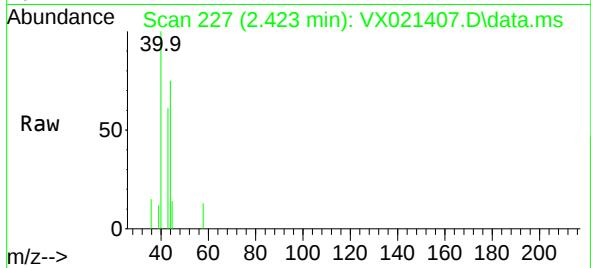




#16
Acetone
Concen: 1.20 ug/l
RT: 2.423 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

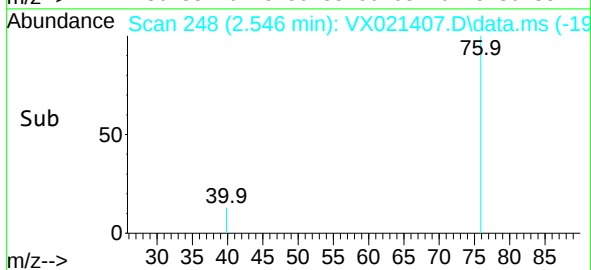
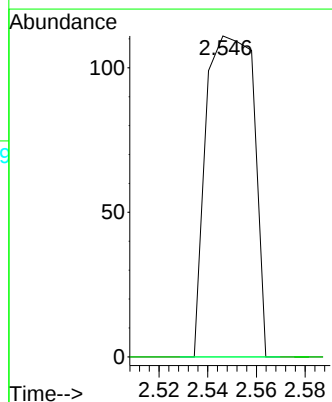
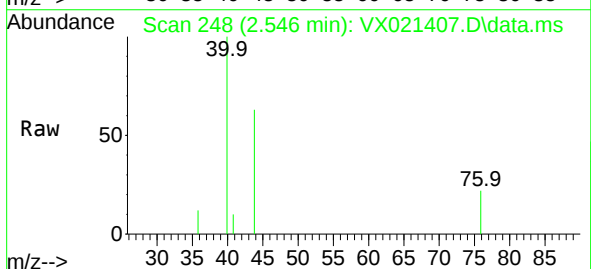
Instrument :
MSVOA_X
ClientSampleId :
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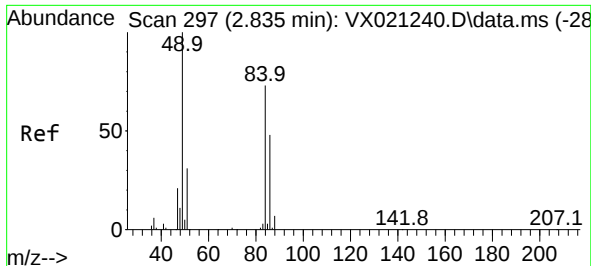
Tgt Ion: 43 Resp: 553
Ion Ratio Lower Upper
43 100
58 21.7 27.8 41.8#



#17
Carbon Disulfide
Concen: 0.60 ug/l
RT: 2.546 min Scan# 248
Delta R.T. -0.006 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

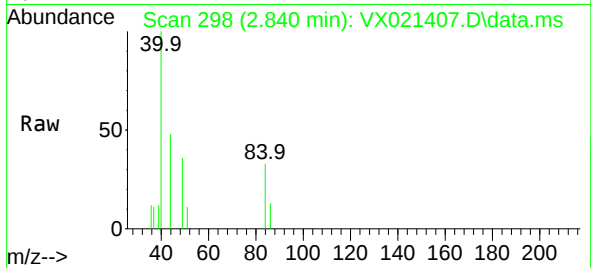
Tgt Ion: 76 Resp: 150
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



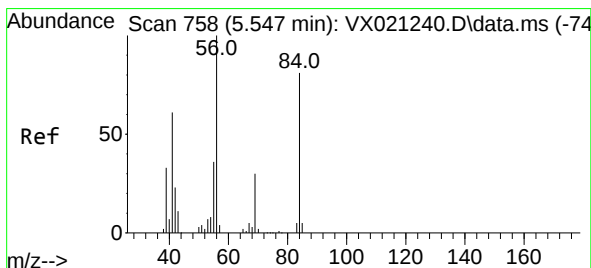
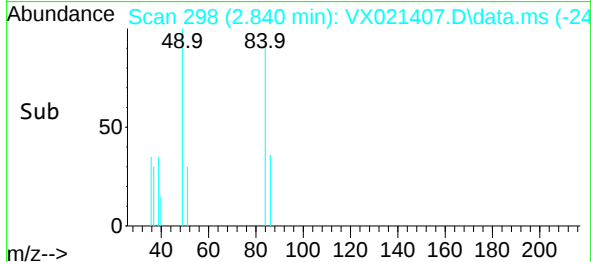
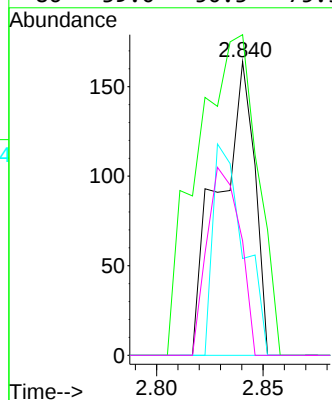


#20
Methylene Chloride
Concen: 0.20 ug/l
RT: 2.840 min Scan# 298
Delta R.T. 0.005 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

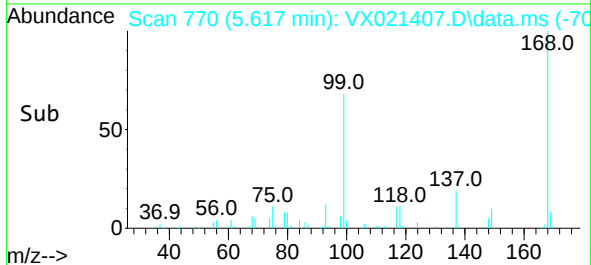
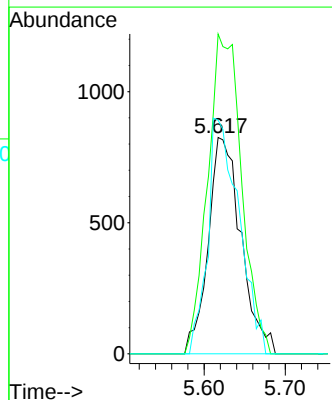
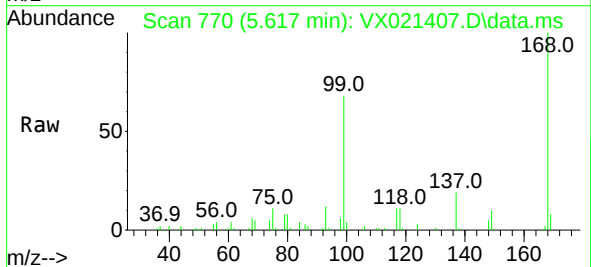


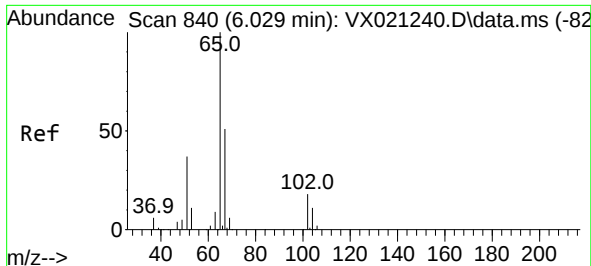
Tgt Ion: 84 Resp: 193
Ion Ratio Lower Upper
84 100
49 109.1 88.6 132.8
51 32.9 27.0 40.6
86 39.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.53 ug/l
RT: 5.617 min Scan# 770
Delta R.T. 0.070 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 56 Resp: 2317
Ion Ratio Lower Upper
56 100
69 147.9 25.3 37.9#
84 108.0 71.4 107.0#

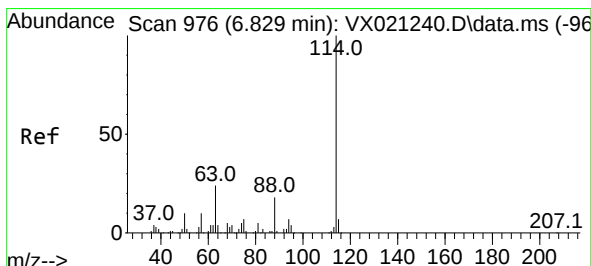
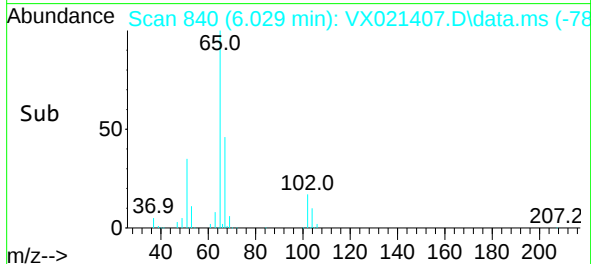
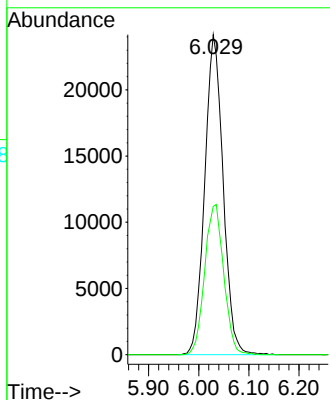
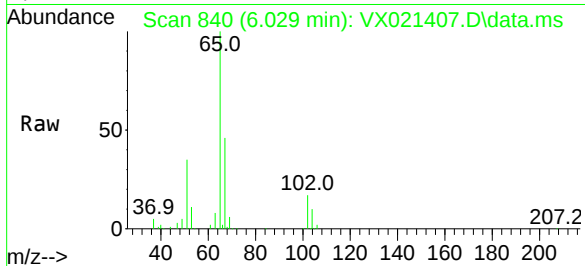




#33
1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 6.029 min Scan# 840
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

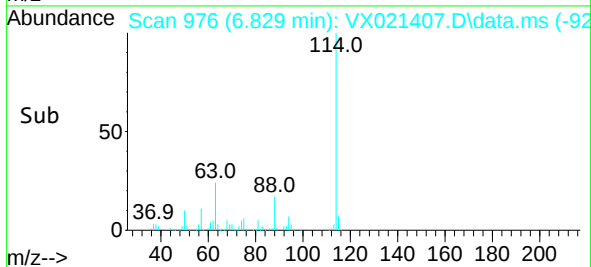
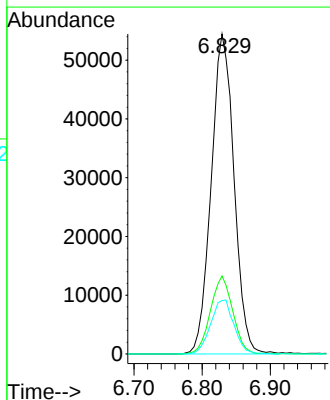
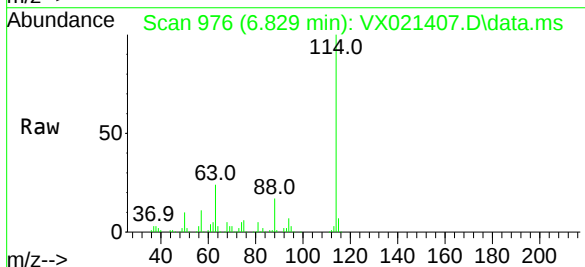
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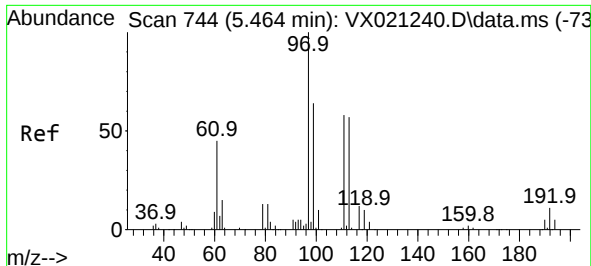
Tgt Ion: 65 Resp: 61588
Ion Ratio Lower Upper
65 100
67 48.6 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 114 Resp: 126837
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 16.7 0.0 32.8

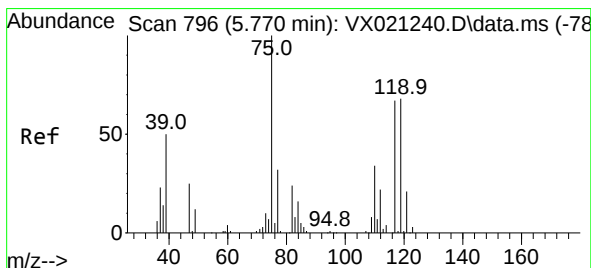
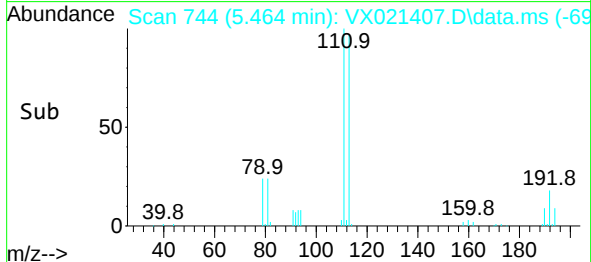
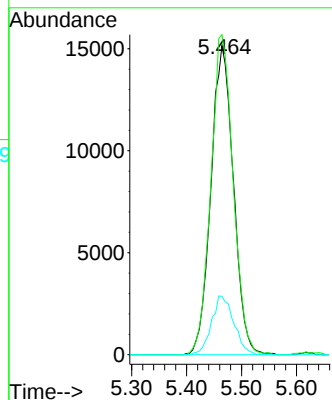
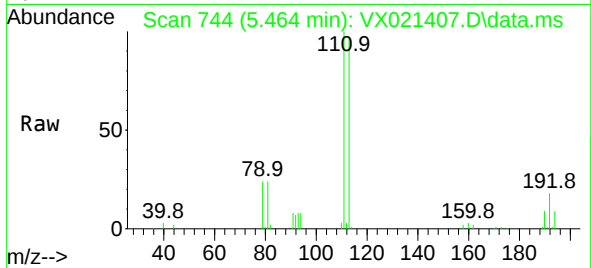




#35
Dibromofluoromethane
Concen: 49.94 ug/l
RT: 5.464 min Scan# 744
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

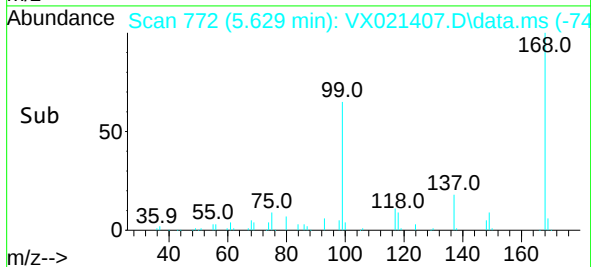
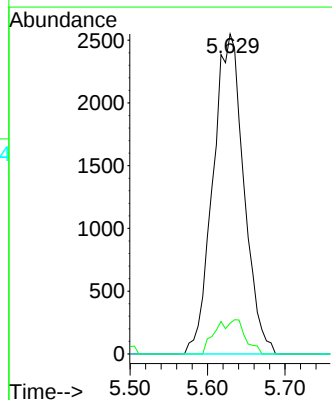
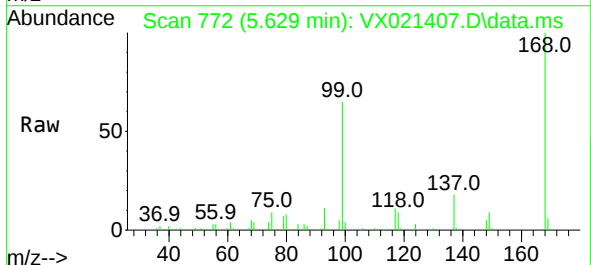
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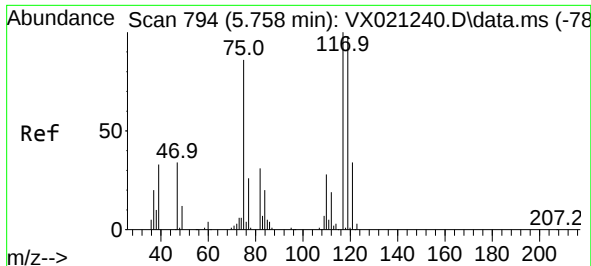
Tgt Ion:113 Resp: 43102
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 18.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.52 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.141 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

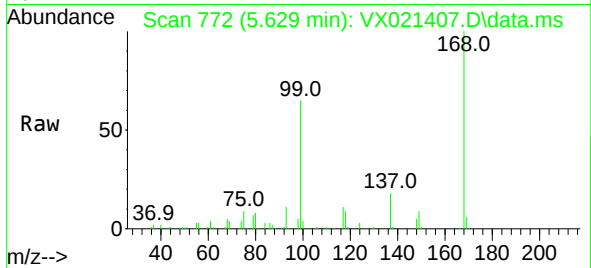
Tgt Ion: 75 Resp: 7052
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.0 25.3 37.9#



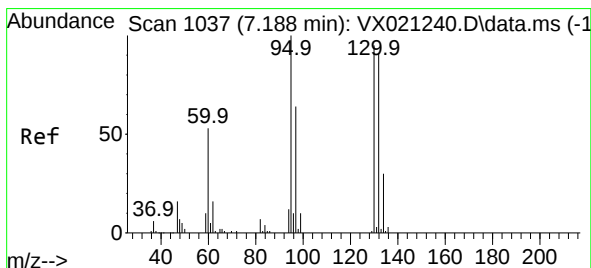
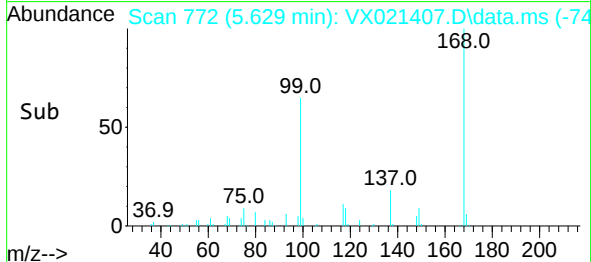
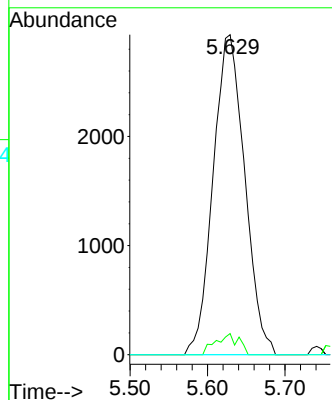


#38
Carbon Tetrachloride
Concen: 6.27 ug/l
RT: 5.629 min Scan# 772
Delta R.T. -0.129 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

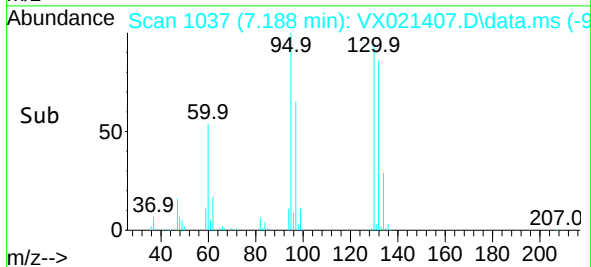
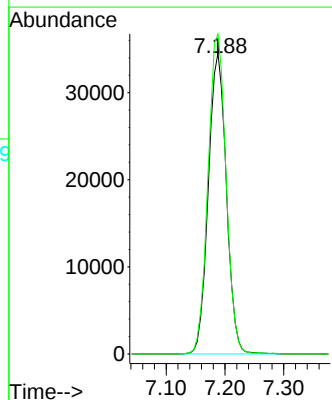
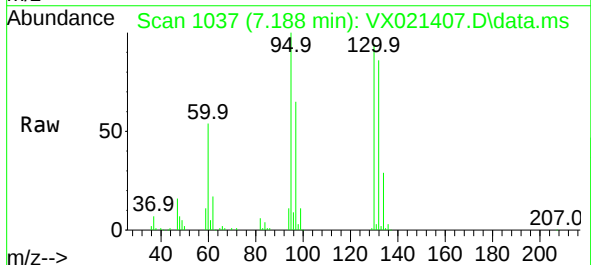


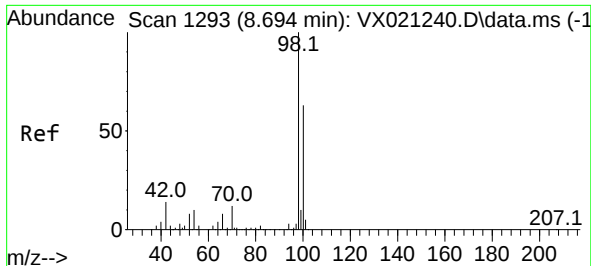
Tgt Ion:117 Resp: 8321
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 78.75 ug/l
RT: 7.188 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion:130 Resp: 73673
Ion Ratio Lower Upper
130 100
95 106.3 0.0 198.0

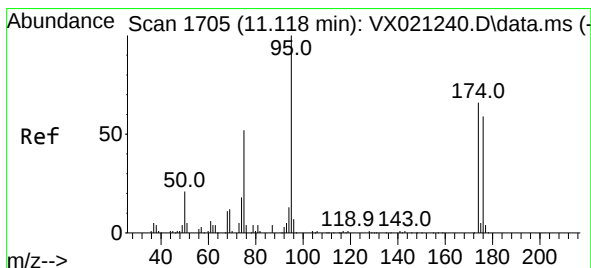
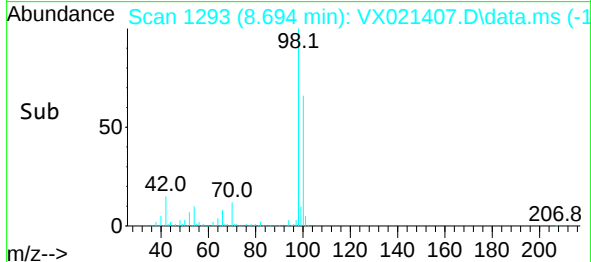
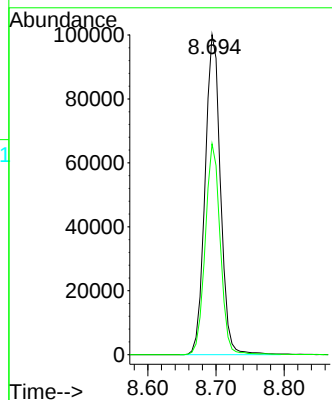
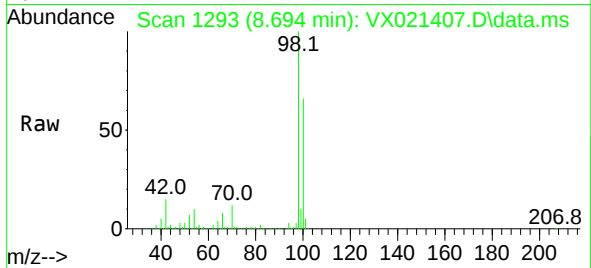




#50
Toluene-d8
Concen: 50.27 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

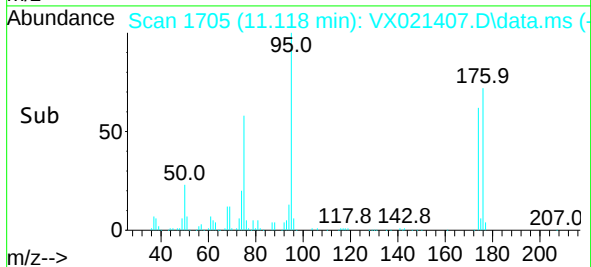
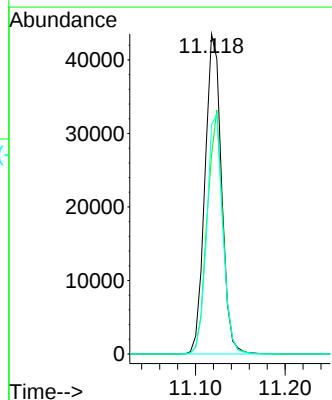
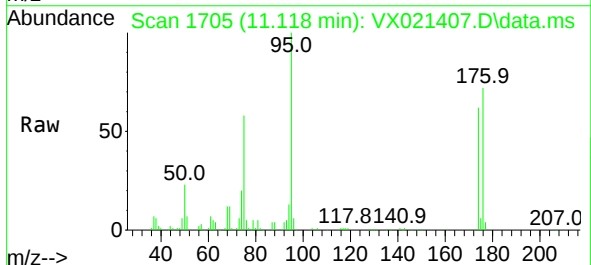
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

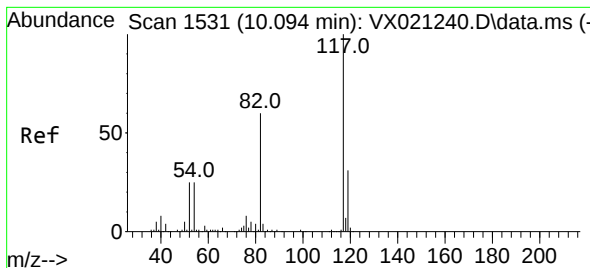
Tgt Ion: 98 Resp: 157415
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.74 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 95 Resp: 55629
Ion Ratio Lower Upper
95 100
174 72.4 0.0 154.6
176 72.5 0.0 155.8

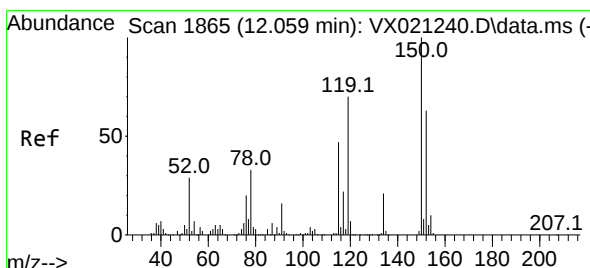
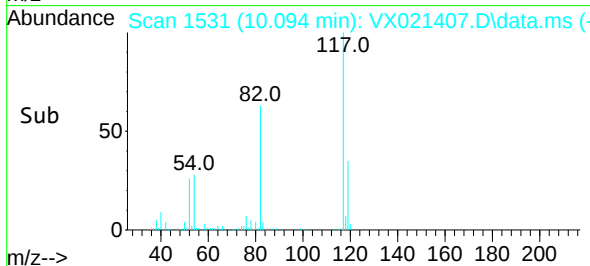
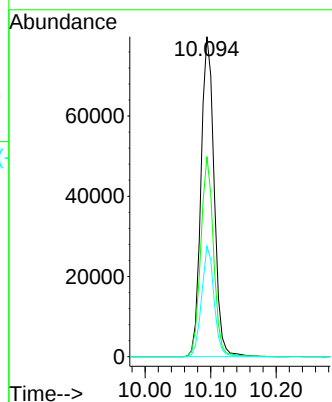
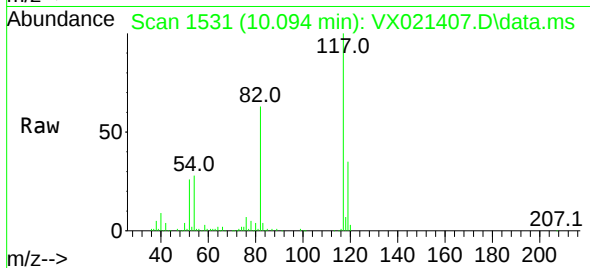




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

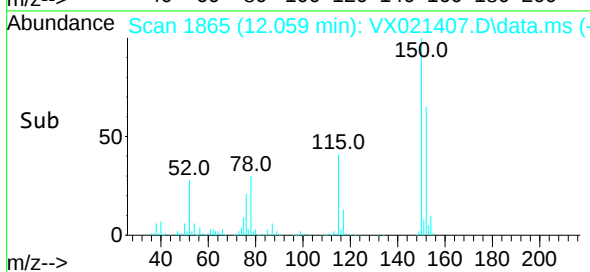
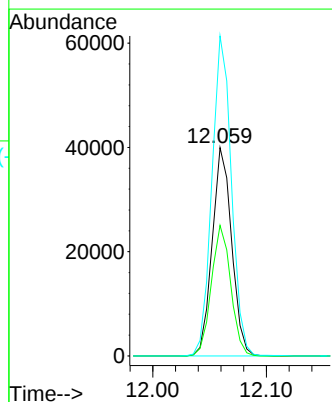
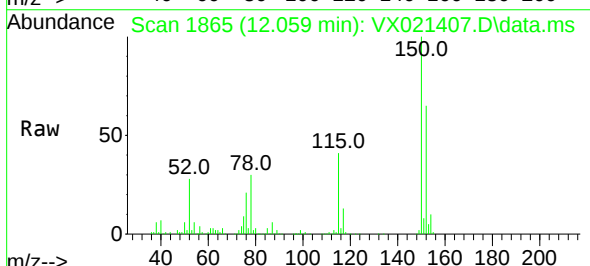
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

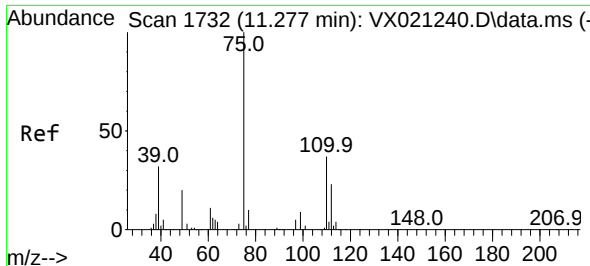
Tgt Ion:117 Resp: 111809
Ion Ratio Lower Upper
117 100
82 62.5 47.4 71.2
119 34.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion:152 Resp: 47644
Ion Ratio Lower Upper
152 100
115 62.2 41.1 123.3
150 154.1 0.0 349.0

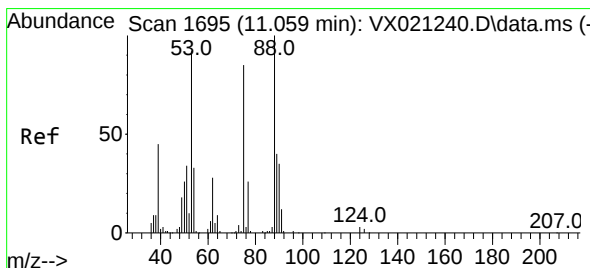
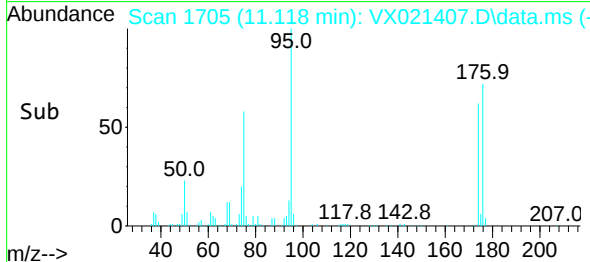
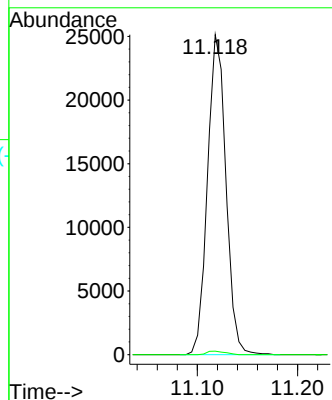
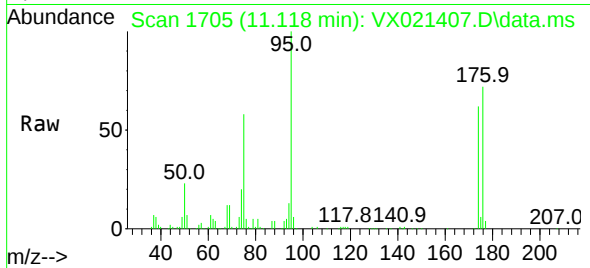




#76
1,2,3-Trichloropropane
Concen: 29.11 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20210316

Tgt Ion: 75 Resp: 32174
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.04 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021407.D
Acq: 24 Mar 2021 00:44

Tgt Ion: 75 Resp: 32174
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

