

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022922.D
 Acq On : 25 Jun 2021 14:52
 Operator : JC/MD
 Sample : M2803-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20210618DL

Quant Time: Jun 26 03:53:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

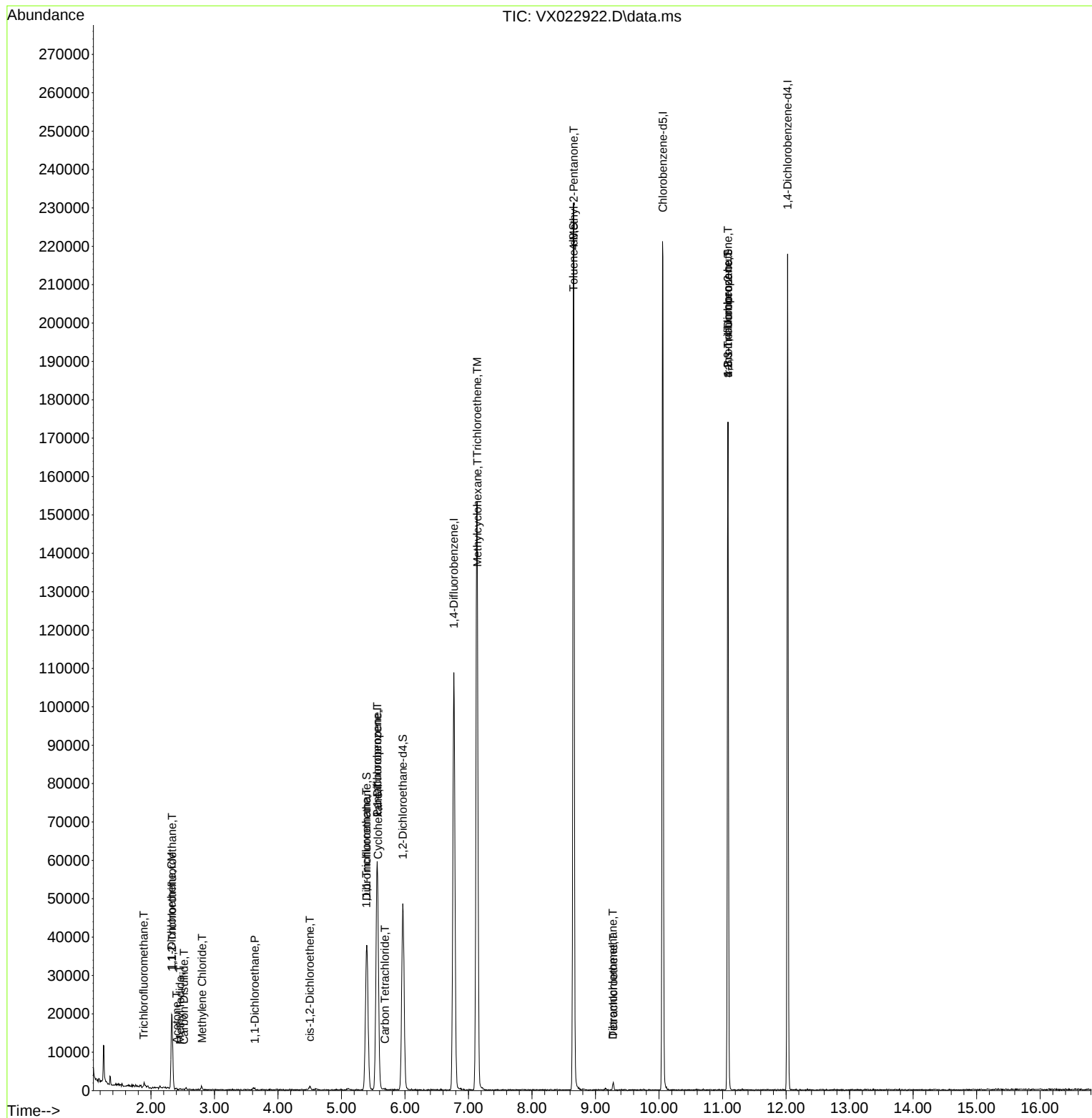
Internal Standards						
1) Pentafluorobenzene	5.562	168	49147	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	95481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37522	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	45556	51.08	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	102.16%		
35) Dibromofluoromethane	5.397	113	31630	48.44	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.88%		
50) Toluene-d8	8.653	98	129805	50.72	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.44%		
62) 4-Bromofluorobenzene	11.085	95	45056	47.17	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.34%		
Target Compounds						Qvalue
7) Trichlorofluoromethane	1.886	101	553	0.54	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	4509	7.06	ug/l	95
10) Methyl Iodide	2.459	142	88	3.98	ug/l #	42
12) 1,1-Dichloroethene	2.325	96	2935	4.60	ug/l	81
16) Acetone	2.404	43	263	0.67	ug/l #	40
17) Carbon Disulfide	2.520	76	20	3.53	ug/l #	75
20) Methylene Chloride	2.806	84	301	0.75	ug/l #	76
24) 1,1-Dichloroethane	3.636	63	690	0.51	ug/l #	81
27) cis-1,2-Dichloroethene	4.501	96	528	0.67	ug/l	92
31) Cyclohexane	5.574	56	1630	1.29	ug/l #	62
32) 1,1,1-Trichloroethane	5.391	97	422	0.39	ug/l #	49
36) 1,1-Dichloropropene	5.562	75	5026	4.60	ug/l #	46
38) Carbon Tetrachloride	5.684	117	211	0.23	ug/l #	41
39) Methylcyclohexane	7.141	83	839	0.66	ug/l #	10
44) Trichloroethene	7.135	130	53021	70.99	ug/l	96
51) 4-Methyl-2-Pentanone	8.659	43	736	0.58	ug/l #	1
60) Dibromochloromethane	9.275	129	344	4.08	ug/l #	11
64) Tetrachloroethene	9.281	164	407	0.61	ug/l #	85
76) 1,2,3-Trichloropropane	11.085	75	25166	25.39	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	25166	66.16	ug/l #	12

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

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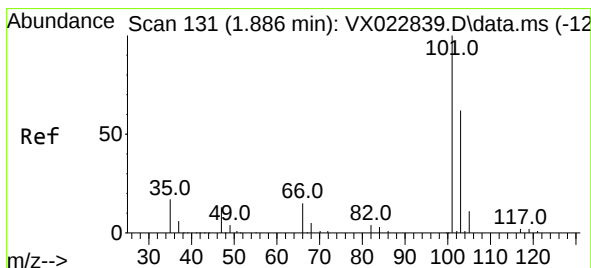
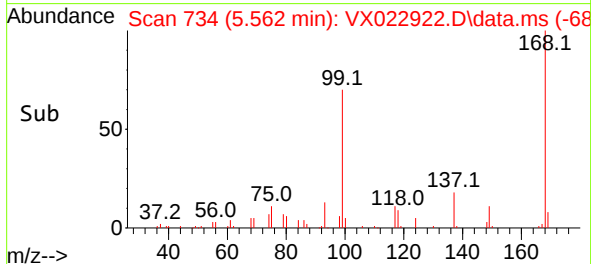
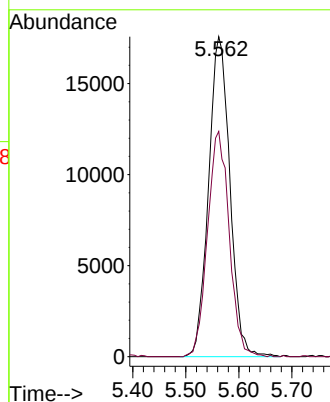
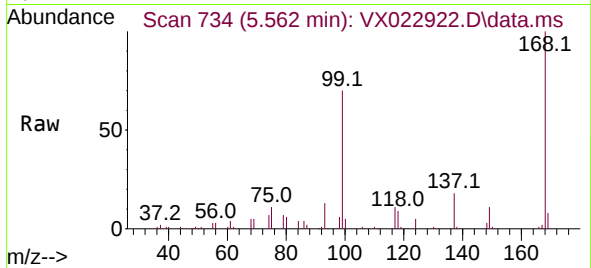




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

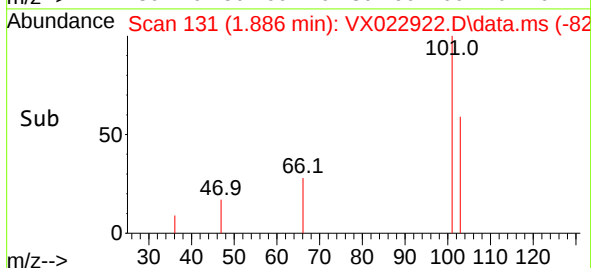
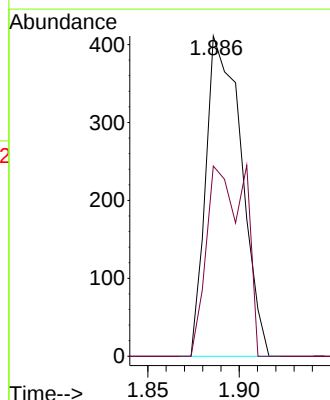
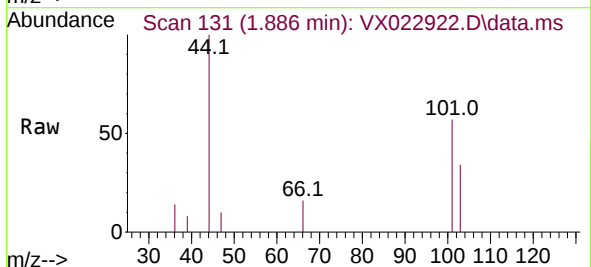
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

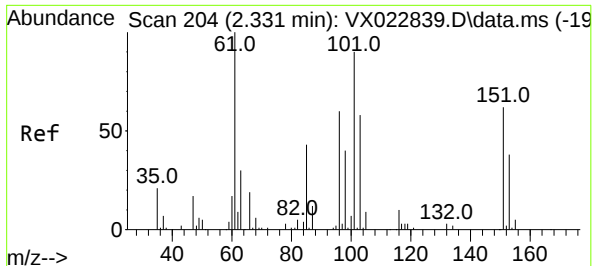
Tgt Ion:168 Resp: 49147
Ion Ratio Lower Upper
168 100
99 70.4 45.8 68.6#



#7
Trichlorofluoromethane
Concen: 0.54 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:101 Resp: 553
Ion Ratio Lower Upper
101 100
103 59.4 53.2 79.8

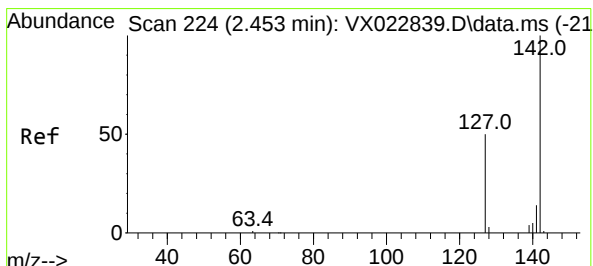
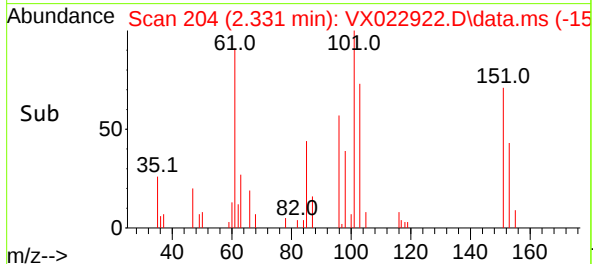
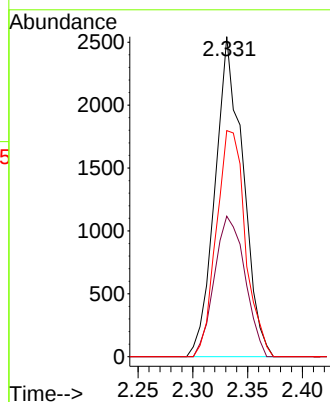
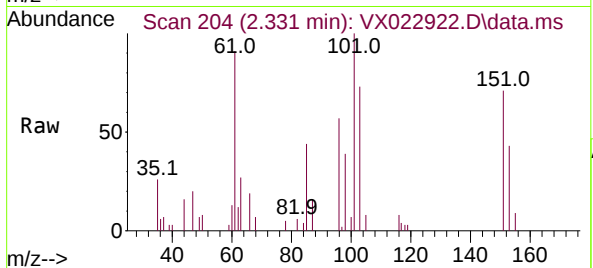




#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.06 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

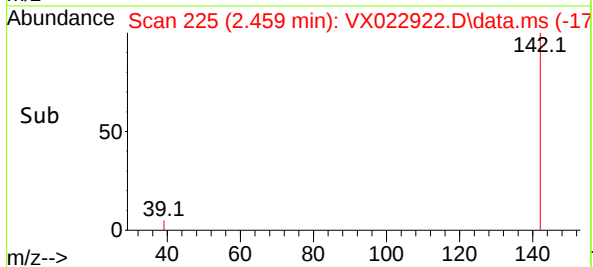
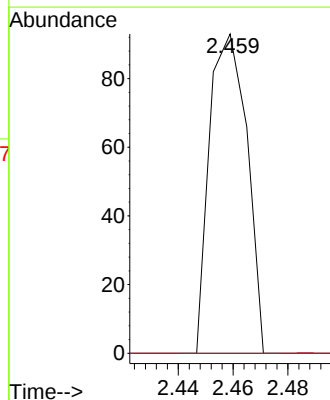
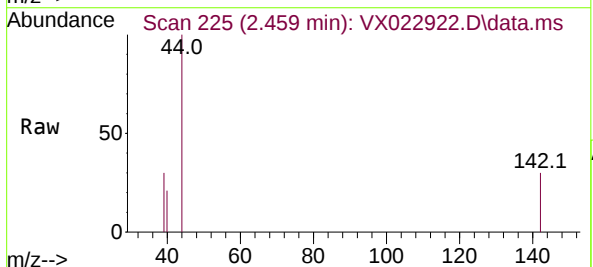
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

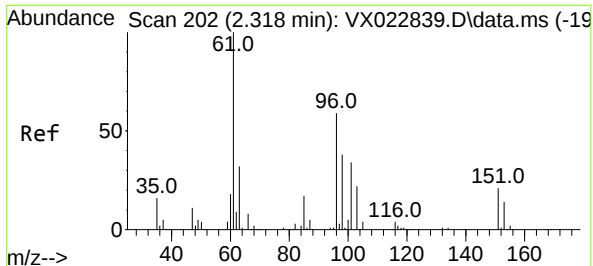
Tgt Ion:101	Resp:	4509
Ion	Ratio	Lower Upper
101	100	
85	48.0	34.9 52.3
151	73.4	61.4 92.2



#10
Methyl Iodide
Concen: 3.98 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:142	Resp:	88
Ion	Ratio	Lower Upper
142	100	
127	0.0	33.3 49.9#
141	0.0	11.4 17.0#





#12

1,1-Dichloroethene

Concen: 4.60 ug/l

RT: 2.325 min Scan# 203

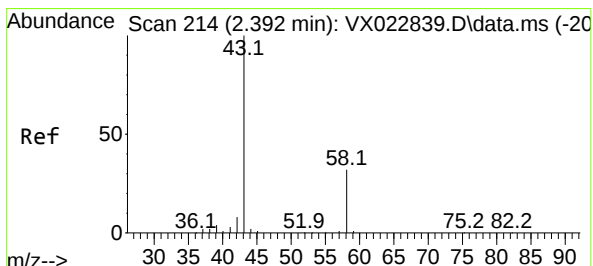
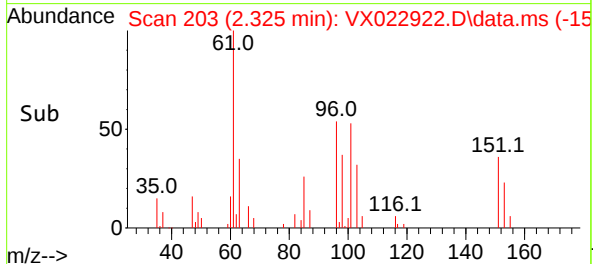
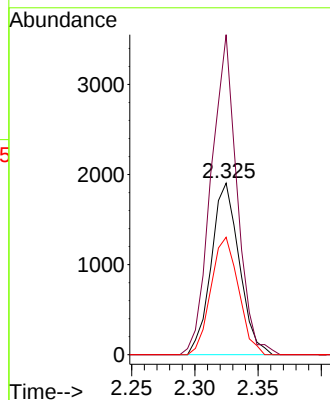
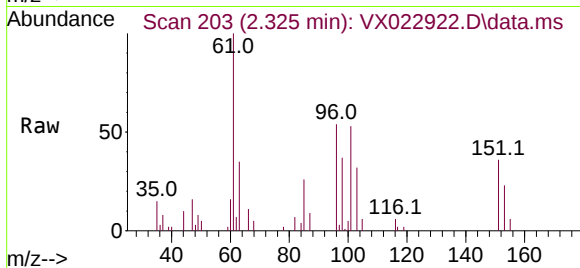
Delta R.T. 0.007 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

Tgt Ion:	96	Resp:	2935
Ion	Ratio	Lower	Upper
96	100		
61	186.5	124.6	187.0
98	68.5	50.6	76.0

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL



#16

Acetone

Concen: 0.67 ug/l

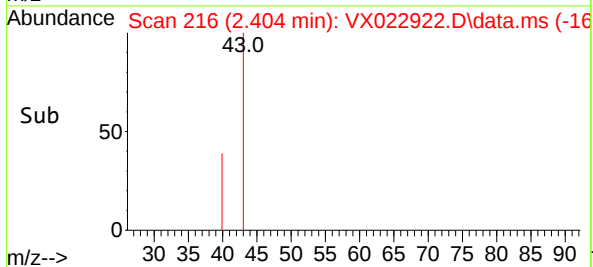
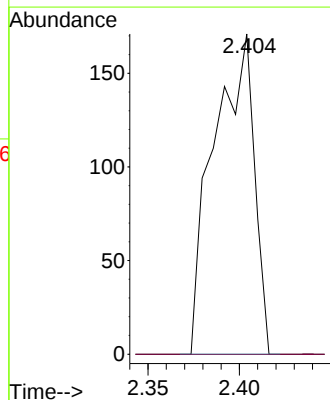
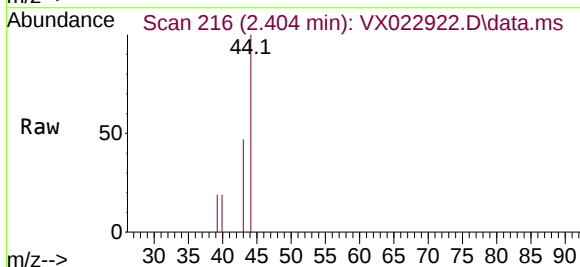
RT: 2.404 min Scan# 216

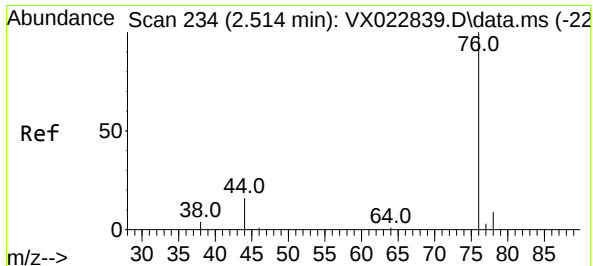
Delta R.T. 0.012 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

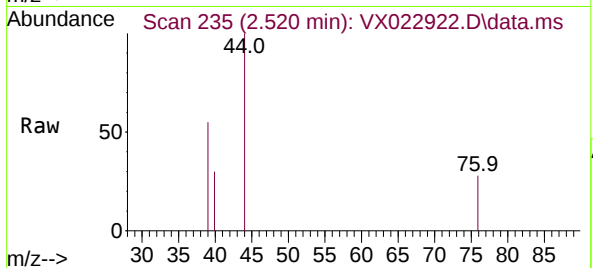
Tgt Ion:	43	Resp:	263
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	41.8#



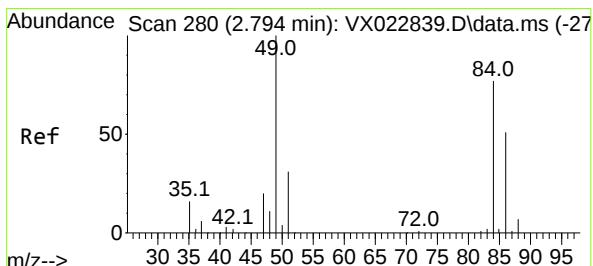
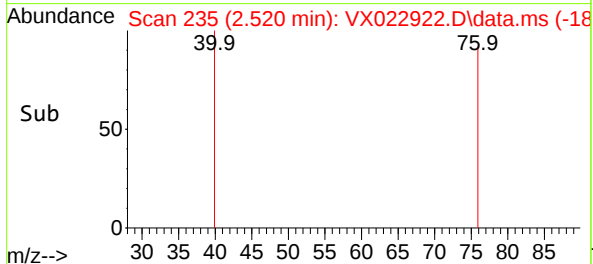
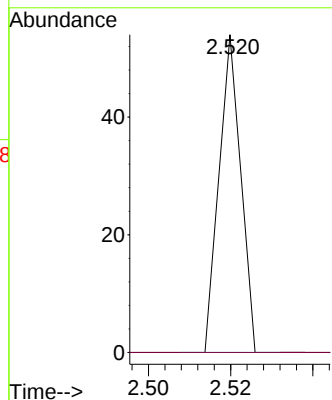


#17
Carbon Disulfide
Concen: 3.53 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

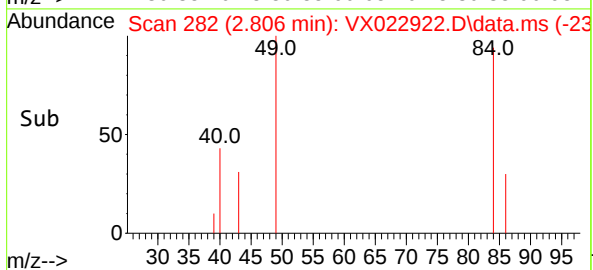
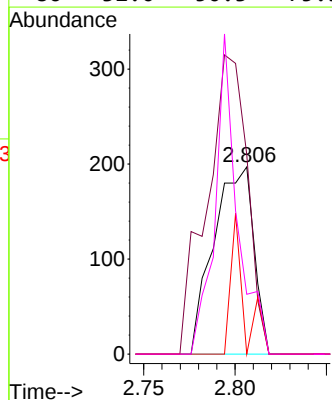
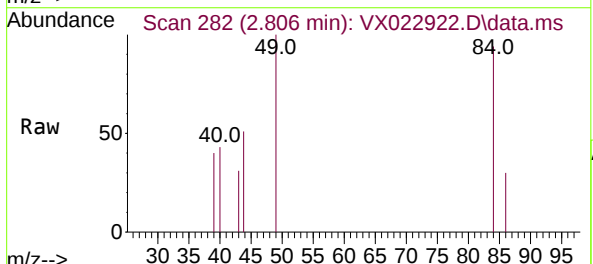


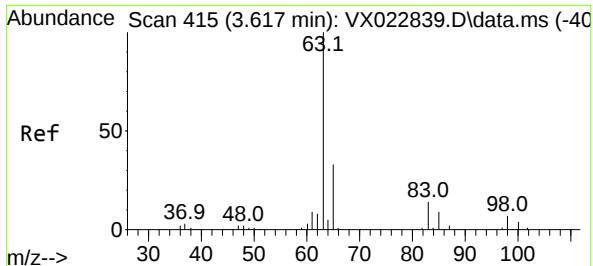
Tgt Ion: 76 Resp: 20
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.75 ug/l
RT: 2.806 min Scan# 282
Delta R.T. 0.012 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 84 Resp: 301
Ion Ratio Lower Upper
84 100
49 106.6 88.6 132.8
51 0.0 27.0 40.6#
86 32.0 50.3 75.5#





#24

1,1-Dichloroethane

Concen: 0.51 ug/l

RT: 3.636 min Scan# 418

Delta R.T. 0.018 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

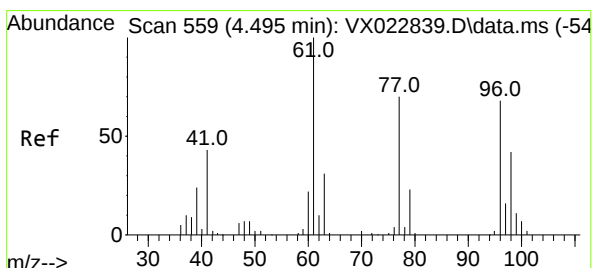
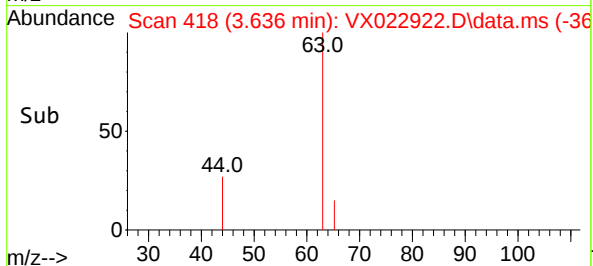
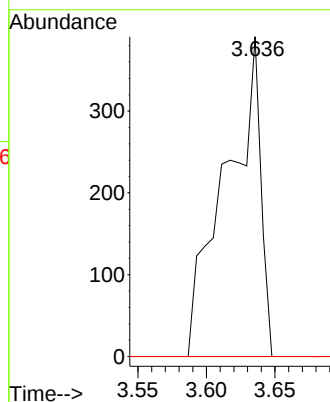
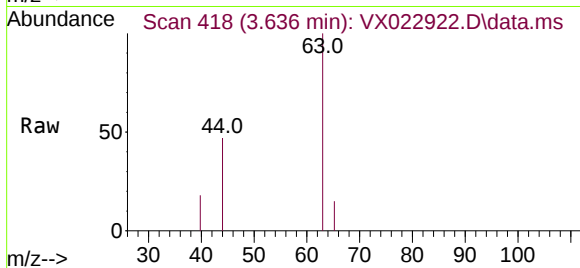
Tgt Ion: 63	Resp:	690
Ion Ratio	Lower	Upper
63	100	
98	0.0	3.8 11.2#
100	0.0	2.5 7.5#

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20210618DL



#27

cis-1,2-Dichloroethene

Concen: 0.67 ug/l

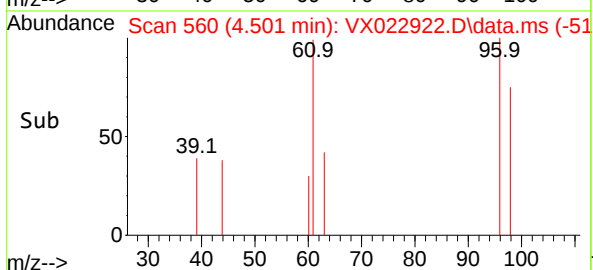
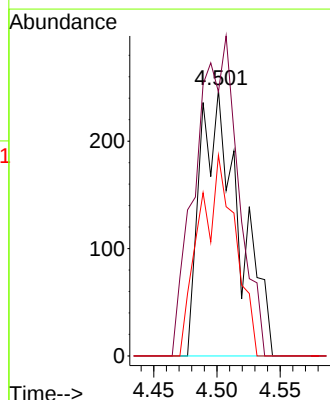
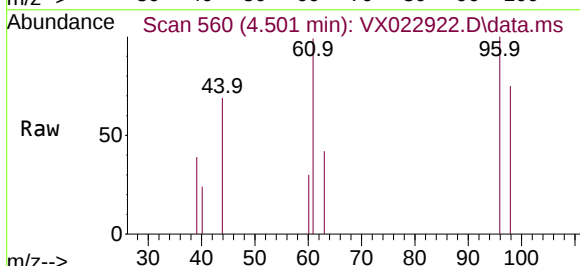
RT: 4.501 min Scan# 560

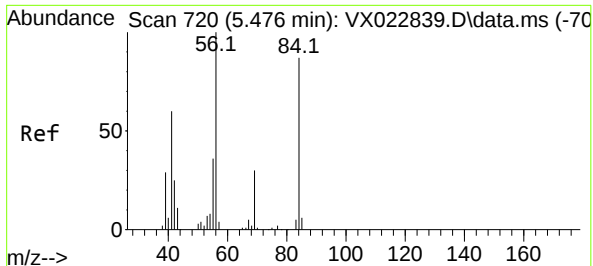
Delta R.T. 0.006 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

Tgt Ion: 96	Resp:	528
Ion Ratio	Lower	Upper
96	100	
61	131.6	0.0 285.6
98	69.7	0.0 129.6

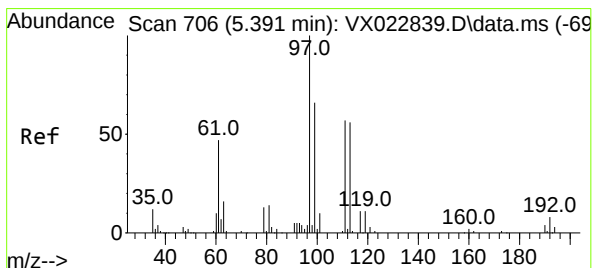
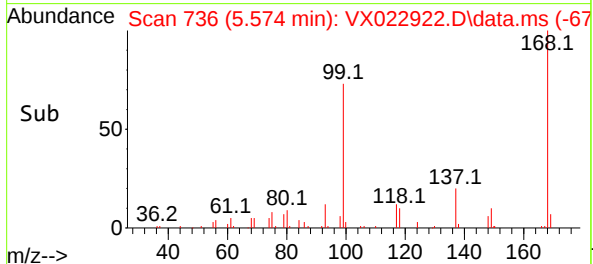
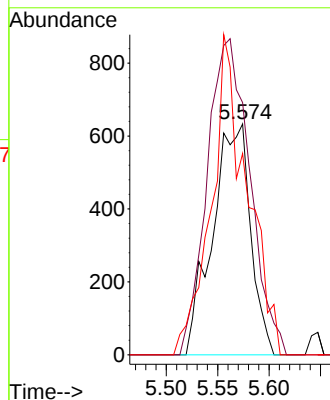
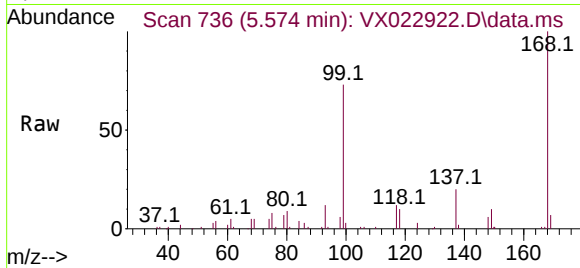




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 5.574 min Scan# 736
Delta R.T. 0.098 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

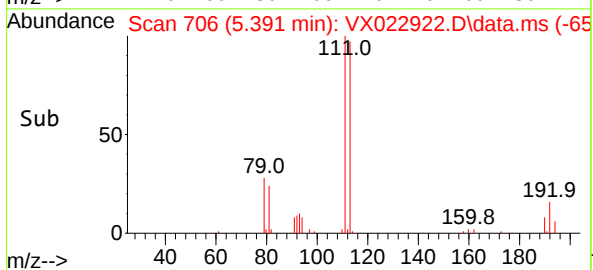
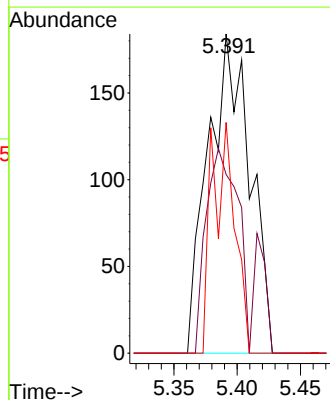
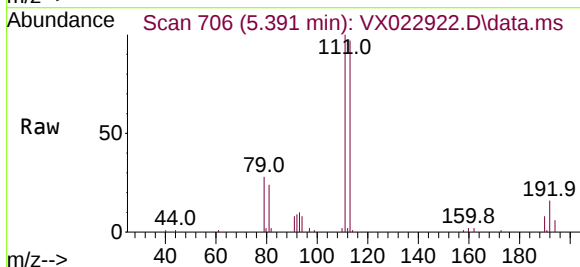
Instrument :
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TT180D2-20210618DL

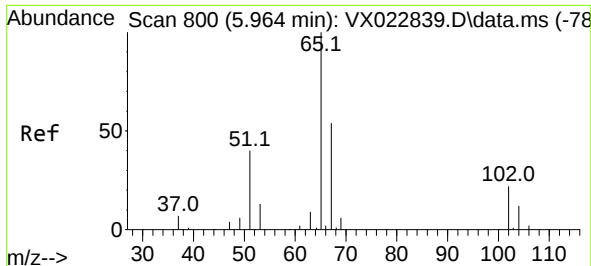
Tgt Ion: 56 Resp: 1630
Ion Ratio Lower Upper
56 100
69 109.3 25.3 37.9#
84 87.2 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.39 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 97 Resp: 422
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 39.3 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 51.08 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

Tgt Ion: 65 Resp: 45556

Ion Ratio Lower Upper

65 100

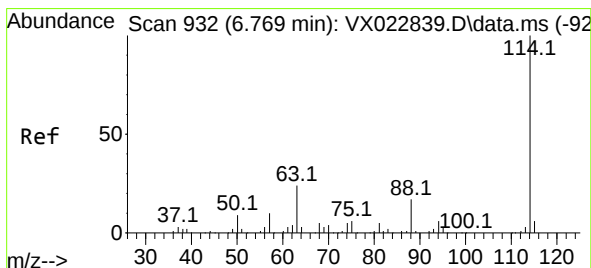
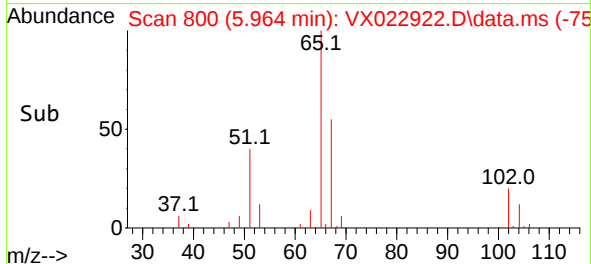
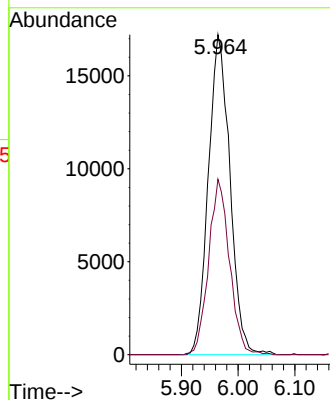
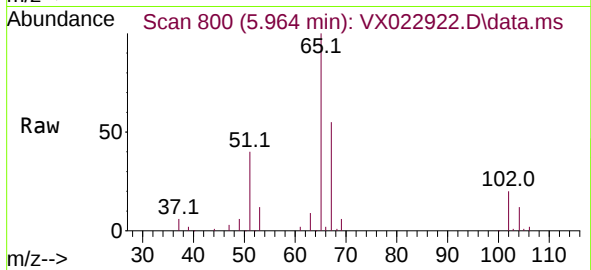
67 53.1 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

TT180D2-20210618DL



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX022922.D

Acq: 25 Jun 2021 14:52

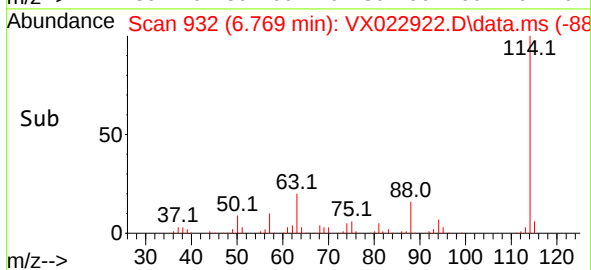
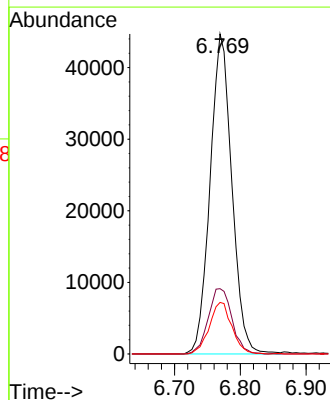
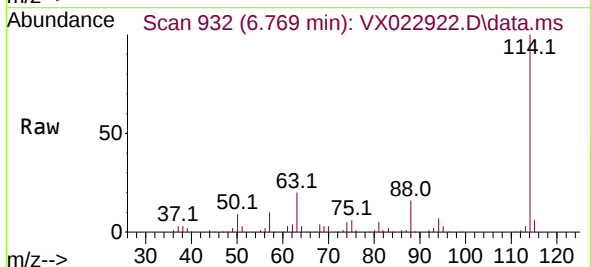
Tgt Ion: 114 Resp: 102828

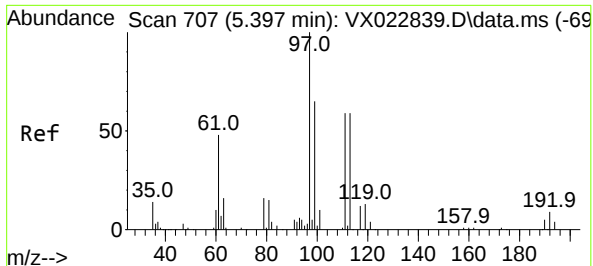
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

88 16.1 0.0 32.8

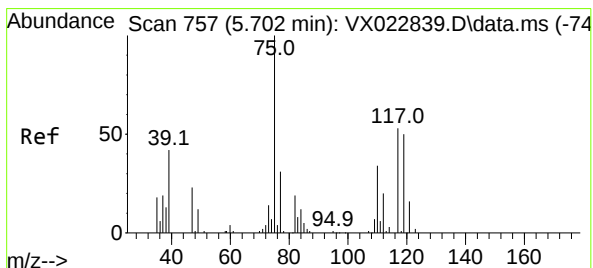
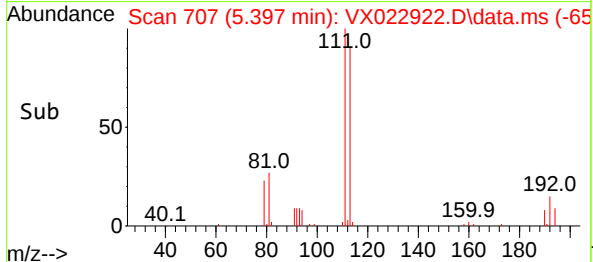
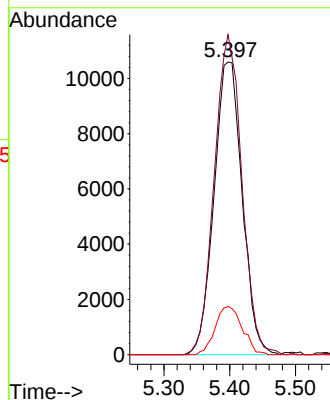
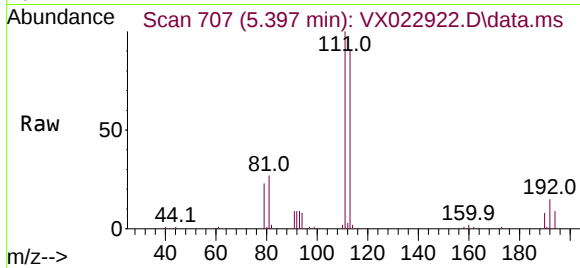




#35
Dibromofluoromethane
Concen: 48.44 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

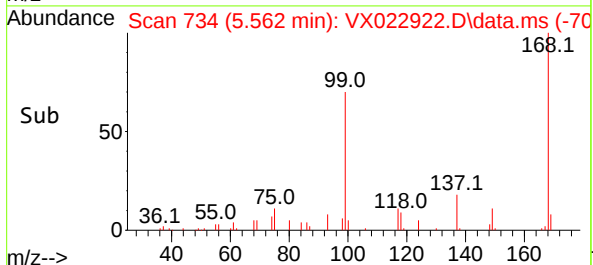
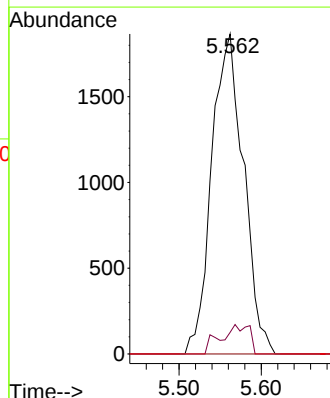
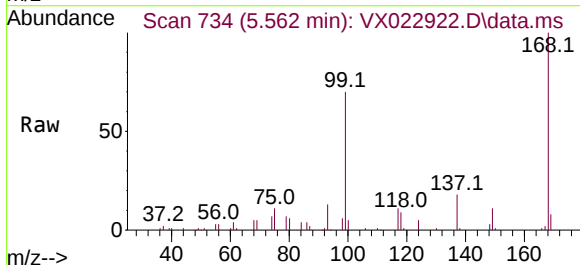
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

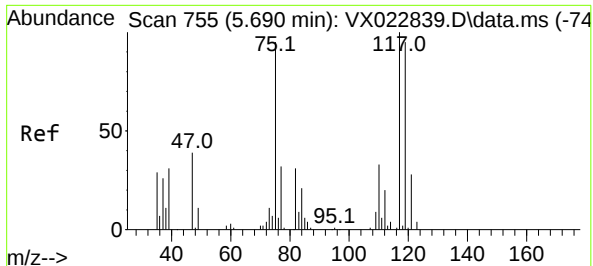
Tgt Ion:113 Resp: 31630
Ion Ratio Lower Upper
113 100
111 106.8 81.9 122.9
192 15.8 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 75 Resp: 5026
Ion Ratio Lower Upper
75 100
110 6.1 18.1 54.4#
77 0.0 25.3 37.9#

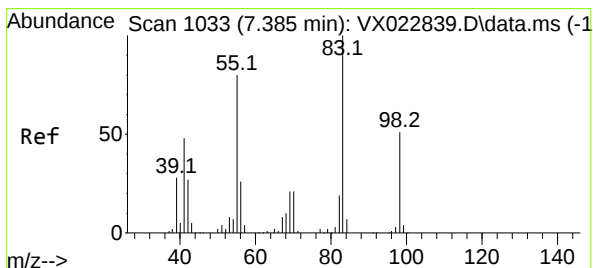
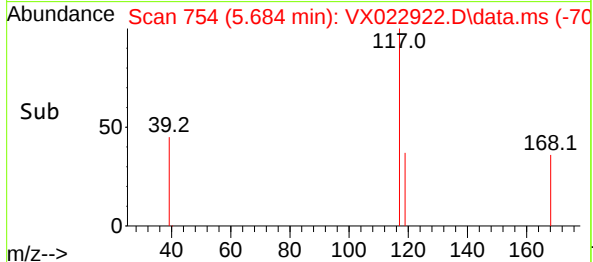
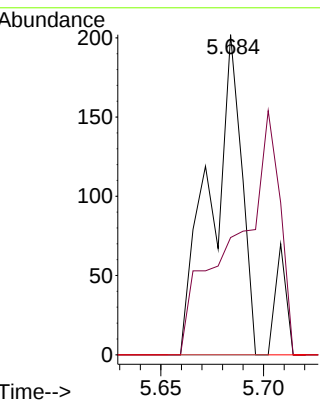
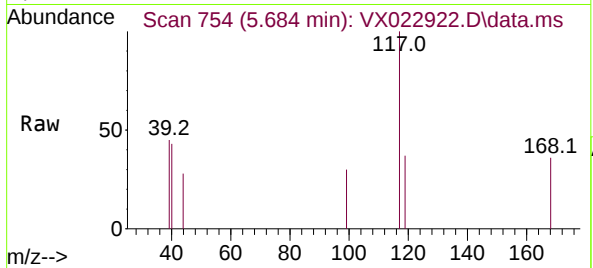




#38
Carbon Tetrachloride
Concen: 0.23 ug/l
RT: 5.684 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

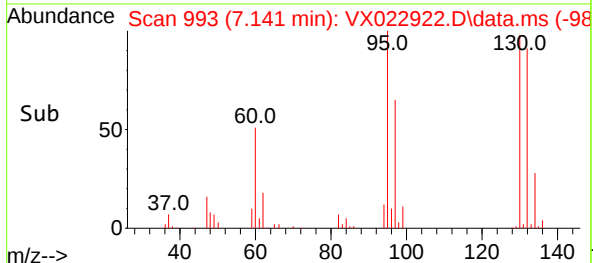
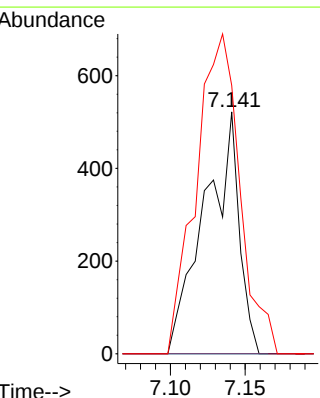
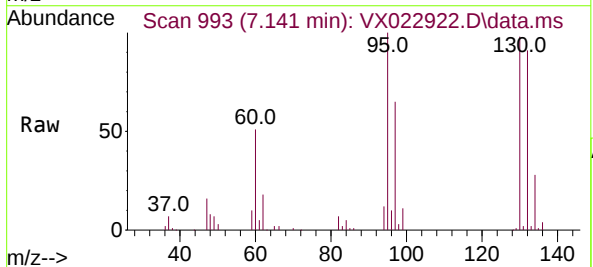
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

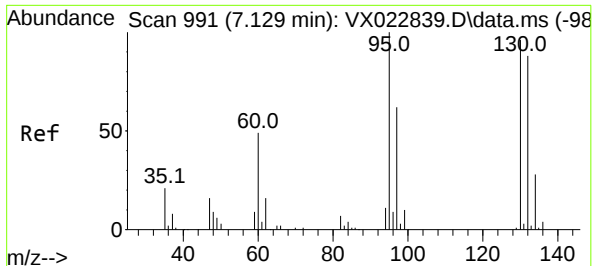
Tgt Ion:117 Resp: 211
Ion Ratio Lower Upper
117 100
119 36.6 76.2 114.2#
121 0.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 0.66 ug/l
RT: 7.141 min Scan# 993
Delta R.T. -0.244 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 83 Resp: 839
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 110.9 38.1 57.1#

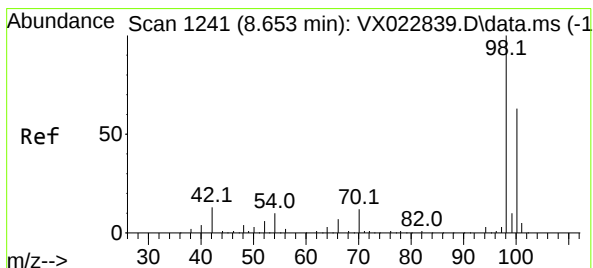
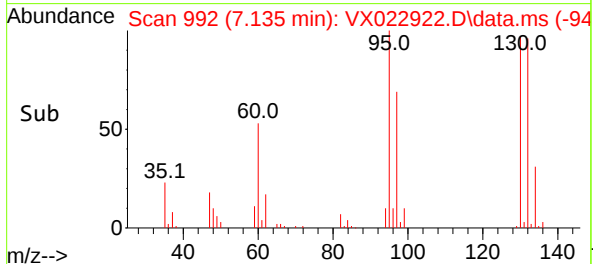
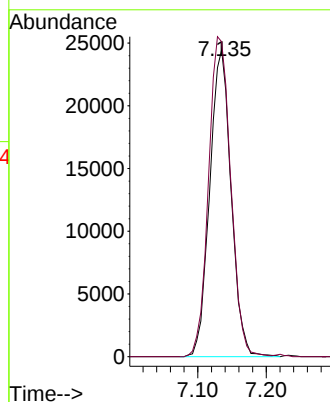
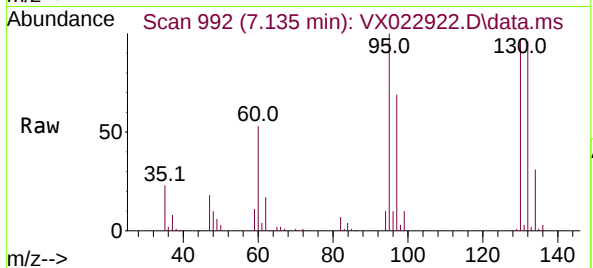




#44
Trichloroethene
Concen: 70.99 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

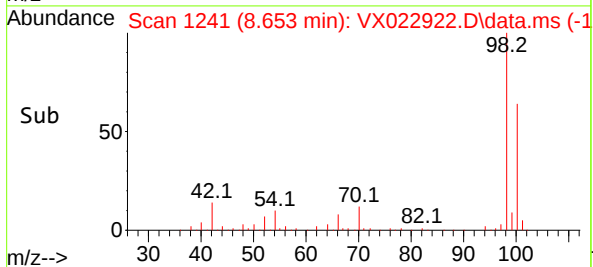
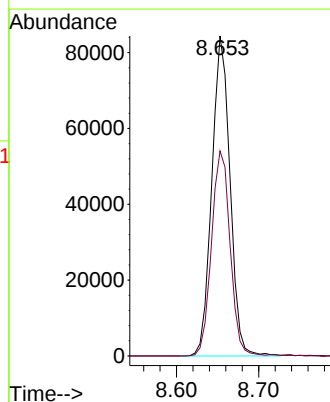
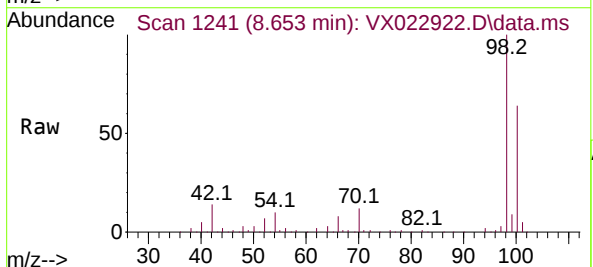
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

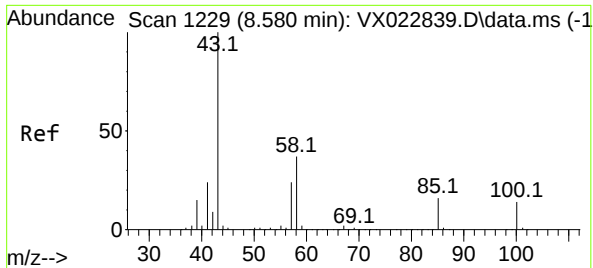
Tgt Ion:130 Resp: 53021
Ion Ratio Lower Upper
130 100
95 102.6 0.0 198.0



#50
Toluene-d8
Concen: 50.72 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 98 Resp: 129805
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9

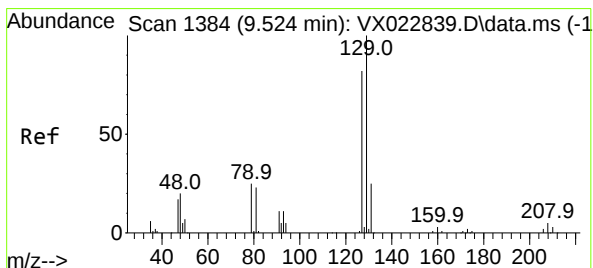
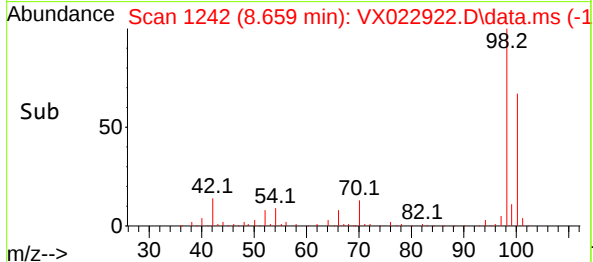
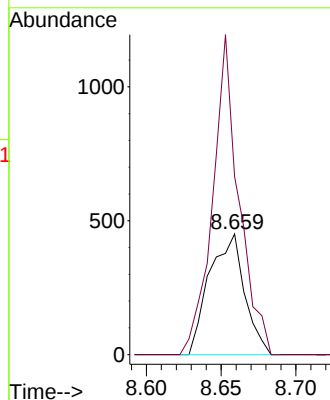
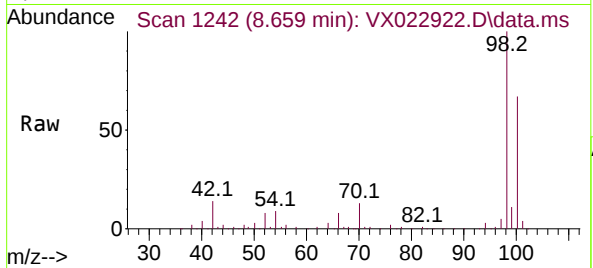




#51
4-Methyl-2-Pentanone
Concen: 0.58 ug/l
RT: 8.659 min Scan# 1242
Delta R.T. 0.079 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

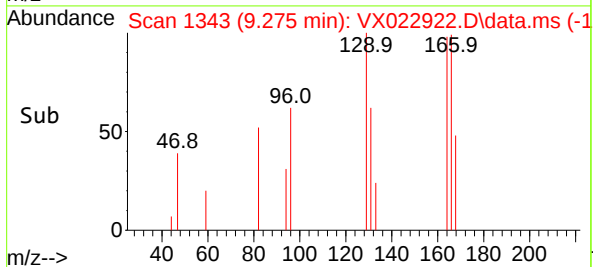
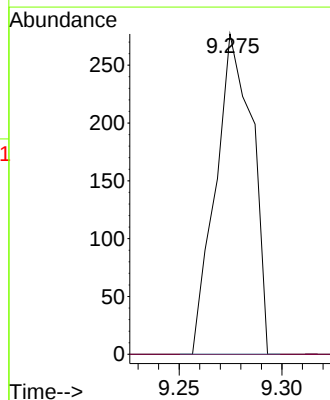
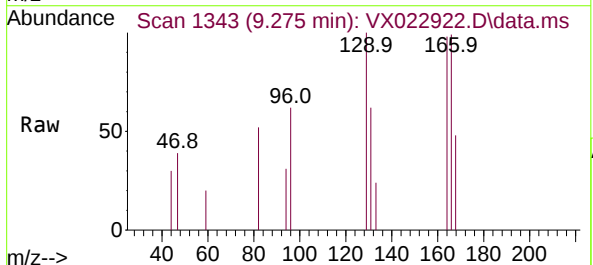
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

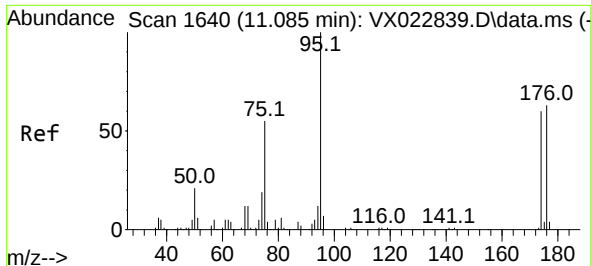
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 198.9 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.08 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 129 Resp: 344
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

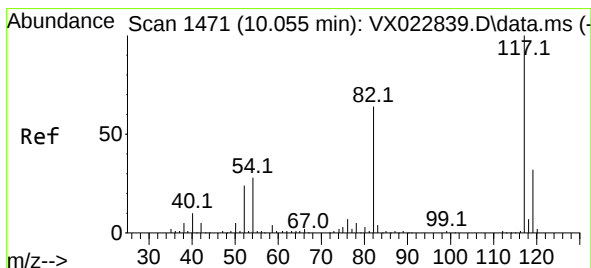
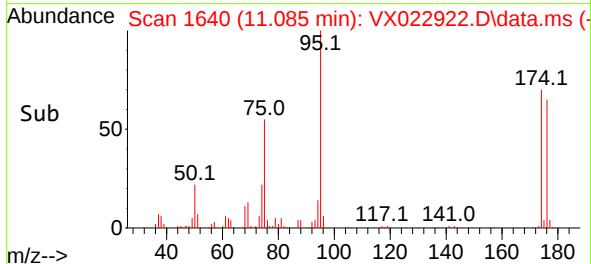
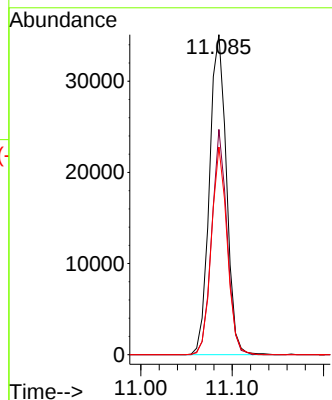
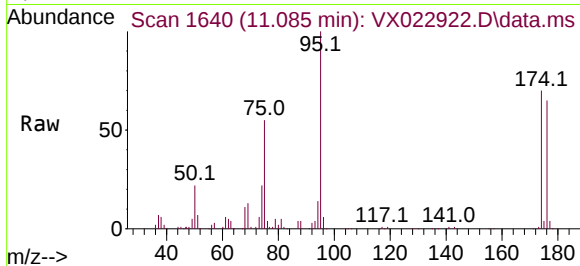




#62
4-Bromofluorobenzene
Concen: 47.17 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

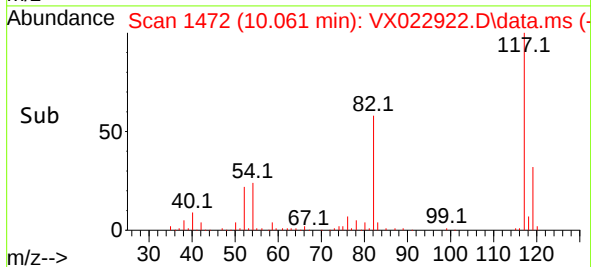
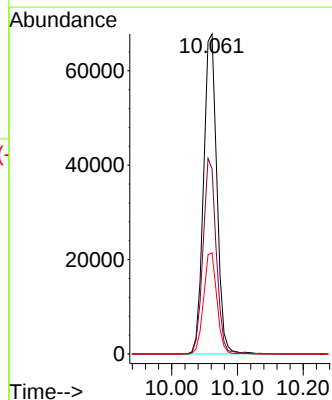
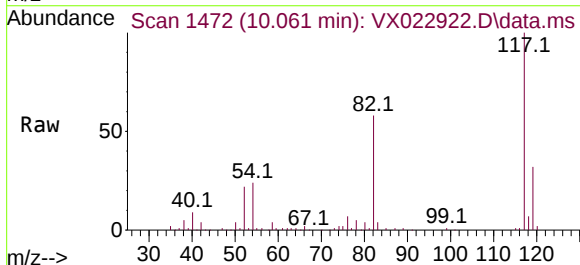
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

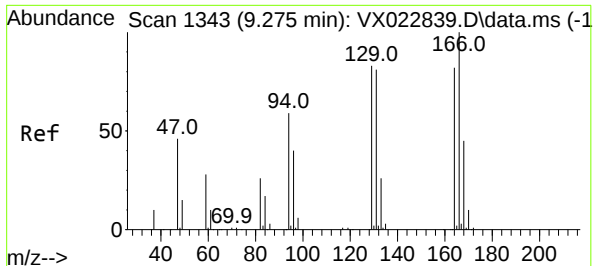
Tgt Ion: 95 Resp: 45056
Ion Ratio Lower Upper
95 100
174 63.6 0.0 154.6
176 60.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 117 Resp: 95481
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.6 26.6 39.8

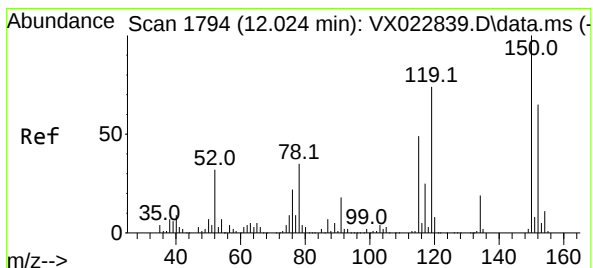
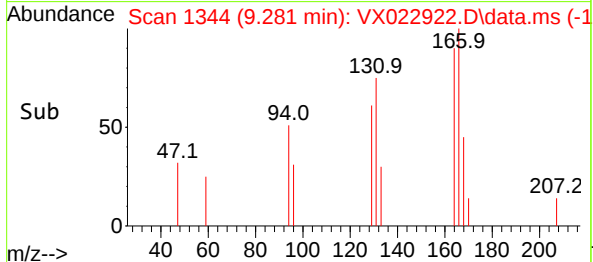
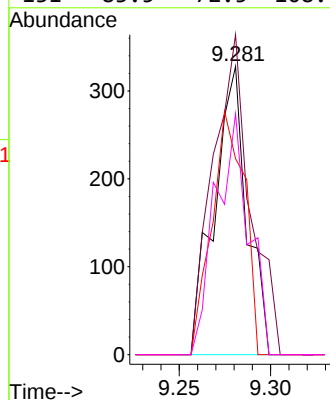
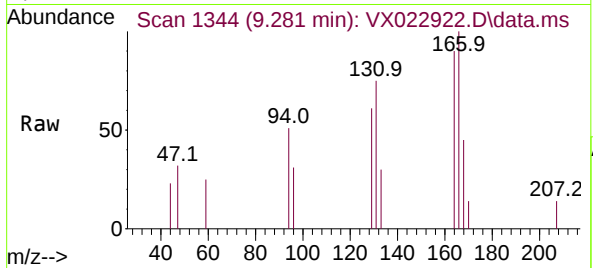




#64
Tetrachloroethene
Concen: 0.61 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

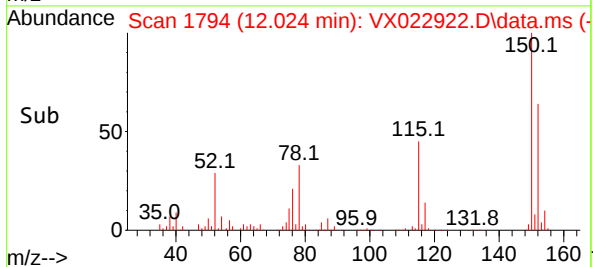
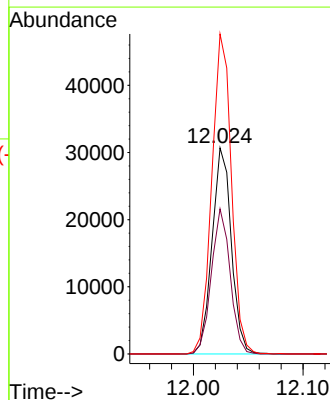
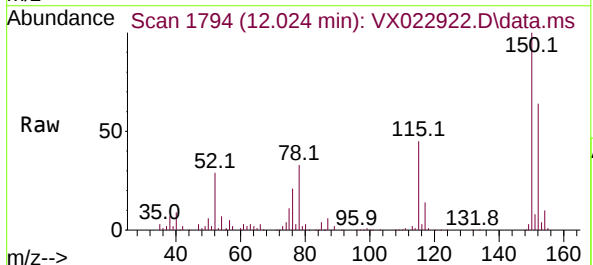
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

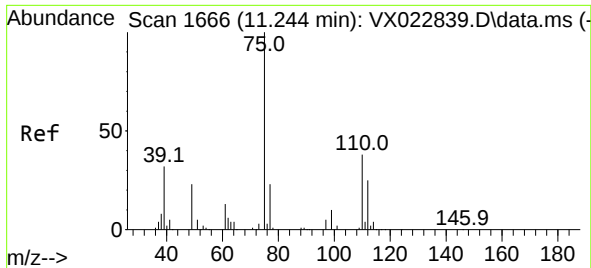
Tgt Ion:164 Resp: 407
Ion Ratio Lower Upper
164 100
166 111.0 103.4 155.2
129 68.0 70.8 106.2#
131 83.5 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion:152 Resp: 37522
Ion Ratio Lower Upper
152 100
115 68.7 41.1 123.3
150 157.6 0.0 349.0

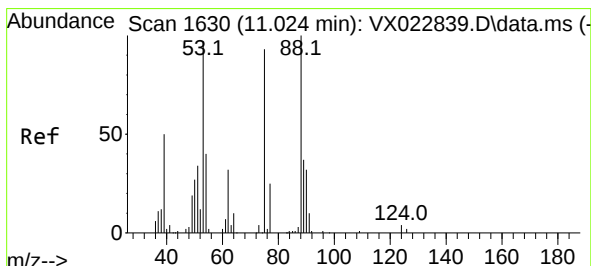
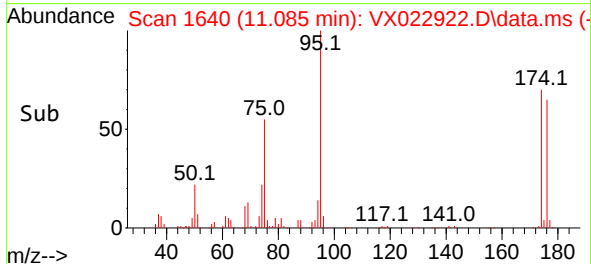
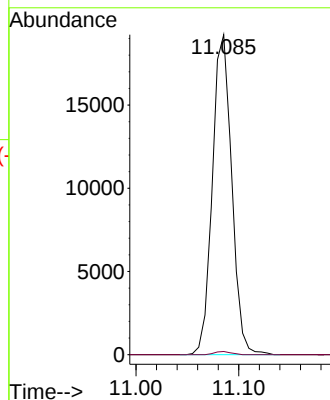
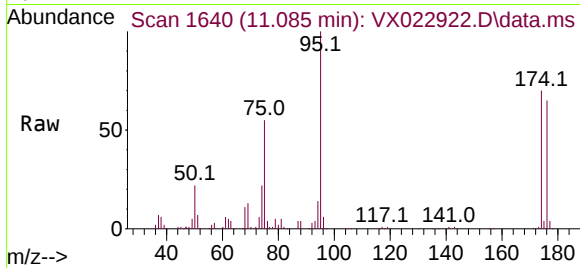




#76
1,2,3-Trichloropropane
Concen: 25.39 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20210618DL

Tgt Ion: 75 Resp: 25166
Ion Ratio Lower Upper
75 100
77 0.8 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022922.D
Acq: 25 Jun 2021 14:52

Tgt Ion: 75 Resp: 25166
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

