

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062521\
 Data File : VX022926.D
 Acq On : 25 Jun 2021 16:26
 Operator : JC/MD
 Sample : M2803-16DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20210621DL

Quant Time: Jun 26 03:54:26 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)

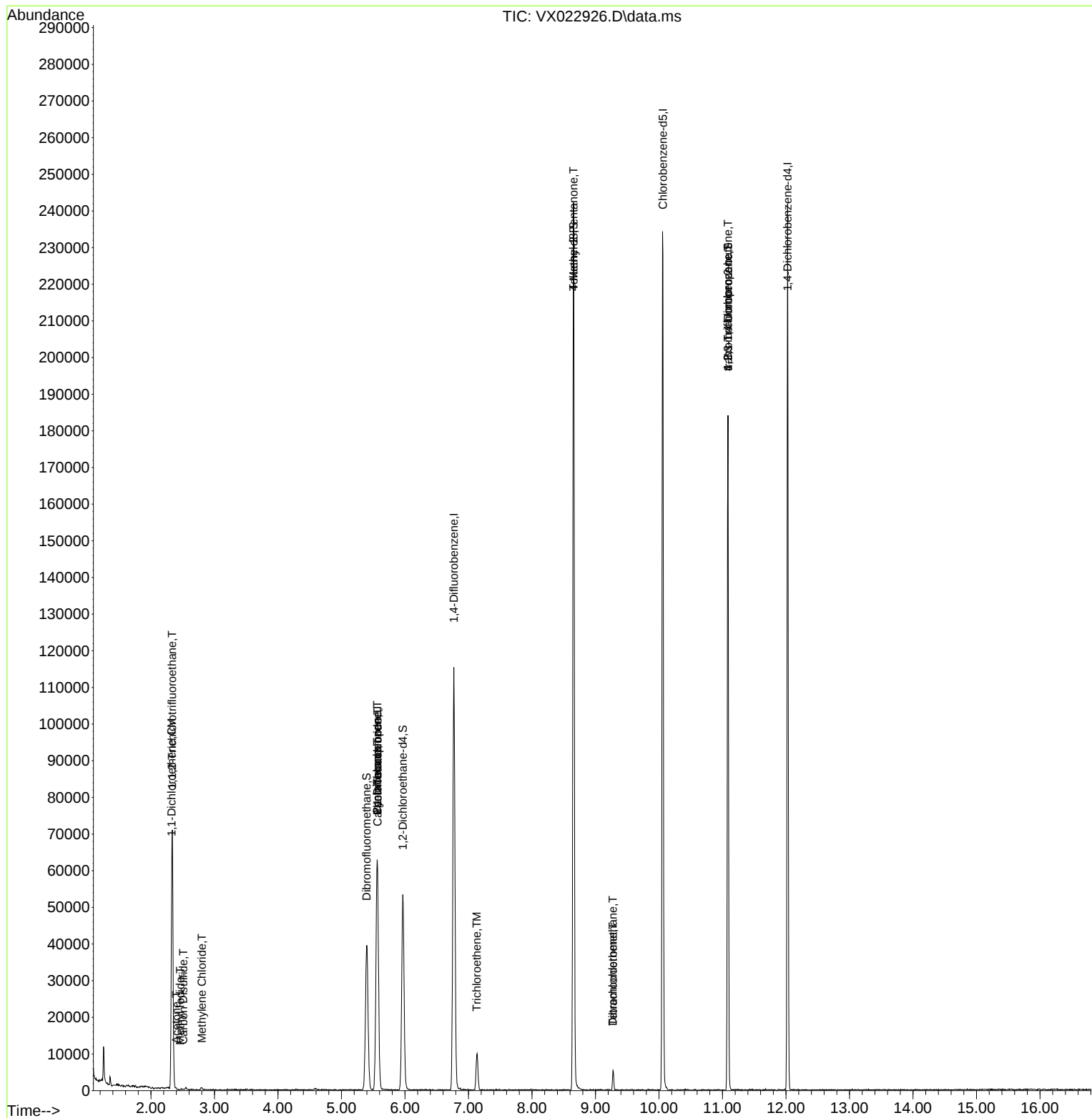
Internal Standards						
1) Pentafluorobenzene	5.562	168	51006	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	101279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47863	51.71	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	103.42%		
35) Dibromofluoromethane	5.397	113	33633	49.14	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.28%		
50) Toluene-d8	8.653	98	136303	50.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.62%		
62) 4-Bromofluorobenzene	11.085	95	49164	49.11	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.22%		
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	28345	42.74	ug/l	89
10) Methyl Iodide	2.459	142	110	4.01	ug/l #	42
12) 1,1-Dichloroethene	2.325	96	195	0.29	ug/l #	43
16) Acetone	2.398	43	337	0.82	ug/l #	76
17) Carbon Disulfide	2.508	76	73	3.55	ug/l #	75
20) Methylene Chloride	2.800	84	267	0.70	ug/l #	70
31) Cyclohexane	5.562	56	1579	1.21	ug/l #	66
36) 1,1-Dichloropropene	5.562	75	5275	4.61	ug/l #	49
38) Carbon Tetrachloride	5.568	117	5795	6.04	ug/l #	16
44) Trichloroethene	7.129	130	3303	4.22	ug/l	74
51) 4-Methyl-2-Pentanone	8.653	43	794	0.60	ug/l #	1
60) Dibromochloromethane	9.275	129	945	4.77	ug/l #	11
64) Tetrachloroethene	9.275	164	763	1.07	ug/l #	64
76) 1,2,3-Trichloropropane	11.085	75	27001	24.69	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	27001	64.52	ug/l #	12

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

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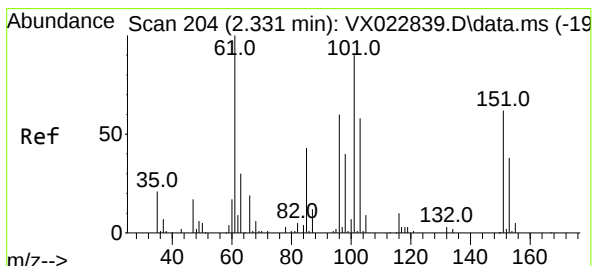
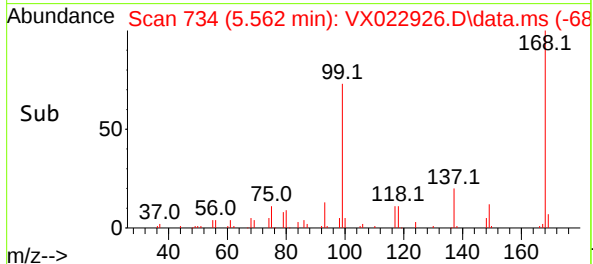
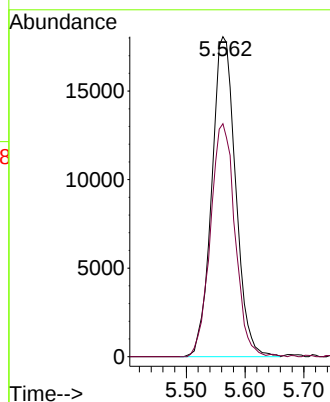
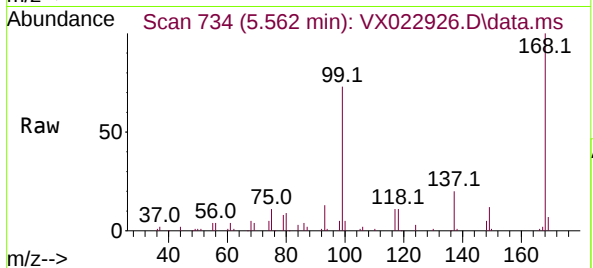




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

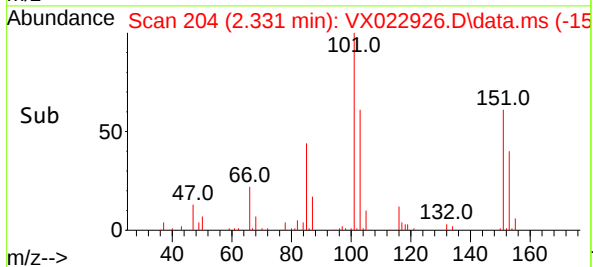
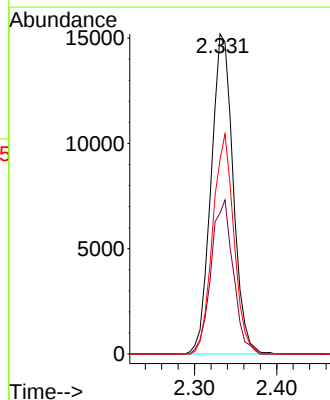
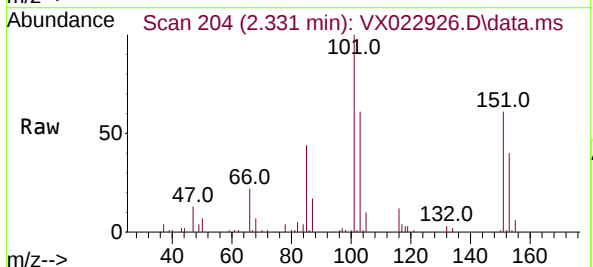
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL

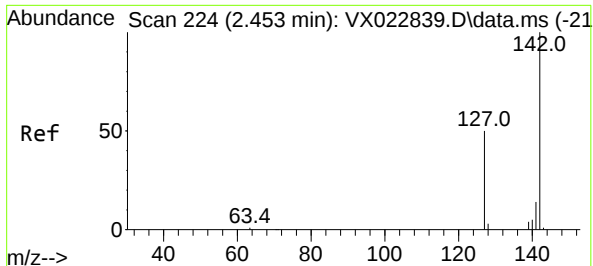
Tgt Ion:168 Resp: 51006
Ion Ratio Lower Upper
168 100
99 72.8 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.74 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

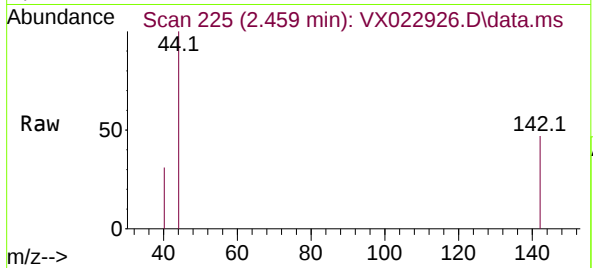
Tgt Ion:101 Resp: 28345
Ion Ratio Lower Upper
101 100
85 48.2 34.9 52.3
151 65.9 61.4 92.2



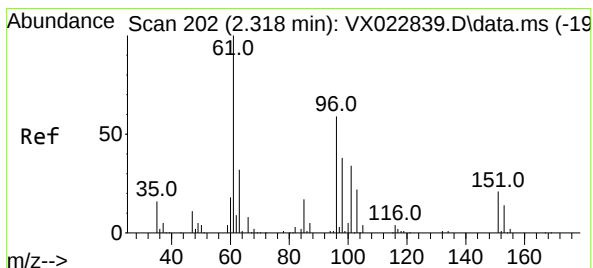
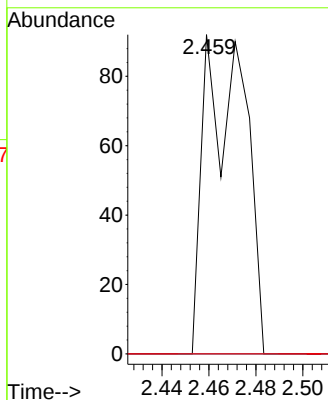
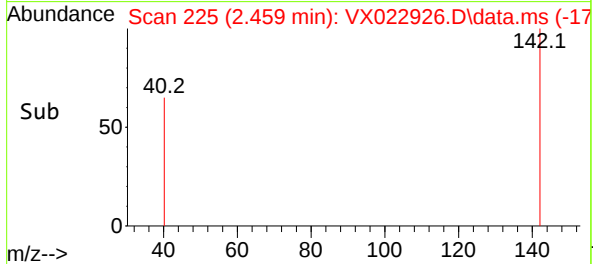


#10
Methyl Iodide
Concen: 4.01 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

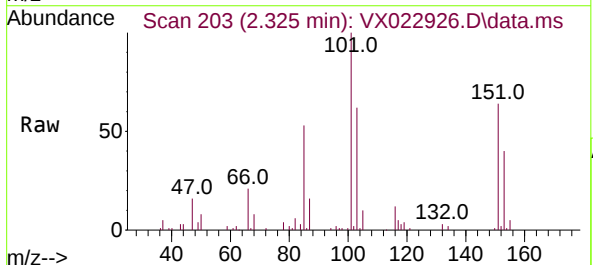
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL



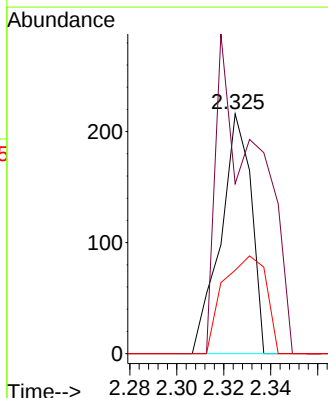
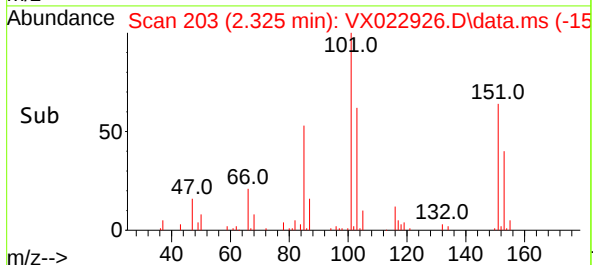
Tgt Ion:142 Resp: 110
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

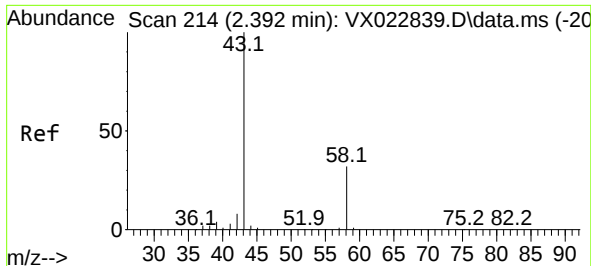


#12
1,1-Dichloroethene
Concen: 0.29 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26



Tgt Ion: 96 Resp: 195
Ion Ratio Lower Upper
96 100
61 70.8 124.6 187.0#
98 34.7 50.6 76.0#

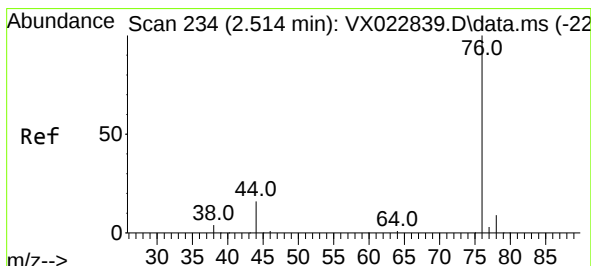
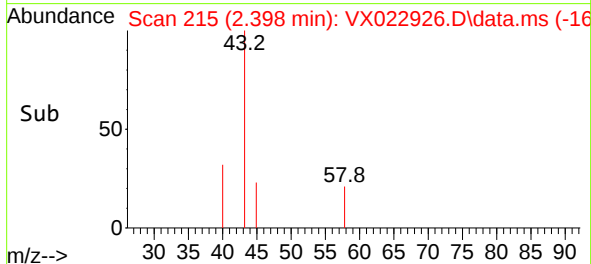
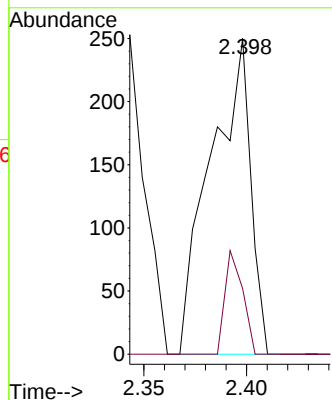
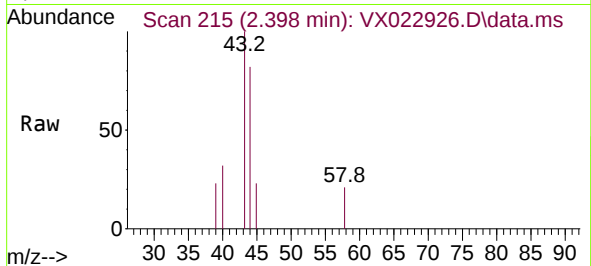




#16
Acetone
Concen: 0.82 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

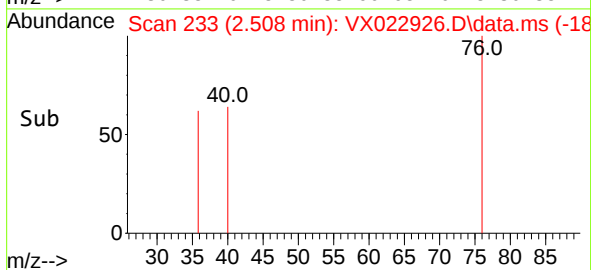
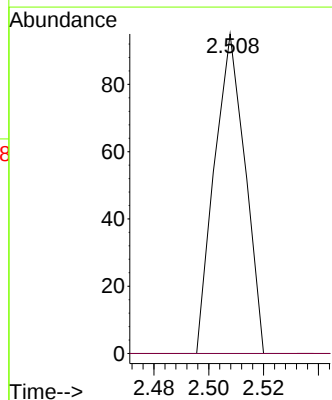
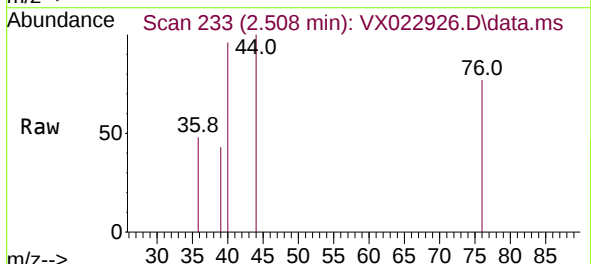
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL

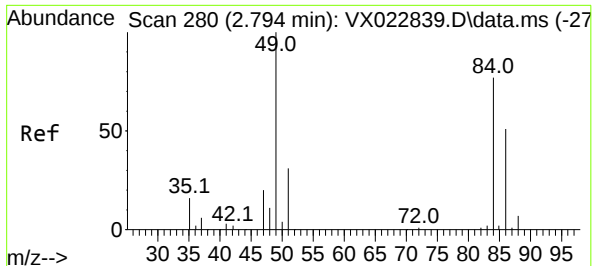
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 20.8 27.8 41.8#



#17
Carbon Disulfide
Concen: 3.55 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

Tgt Ion: 76 Resp: 73
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#20

Methylene Chloride

Concen: 0.70 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022926.D

Acq: 25 Jun 2021 16:26

Tgt Ion: 84 Resp: 267

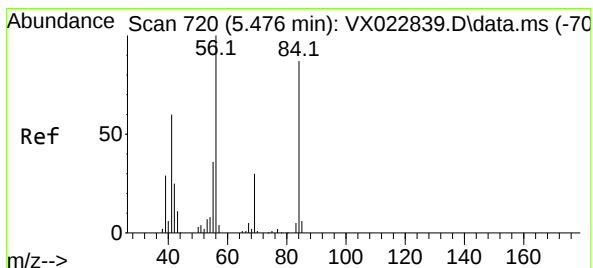
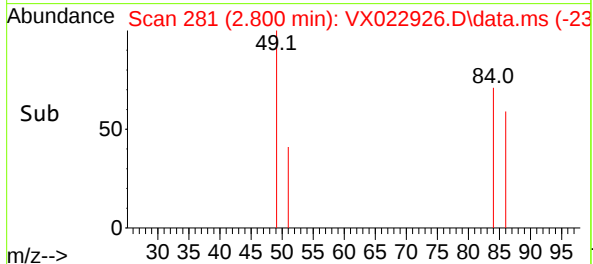
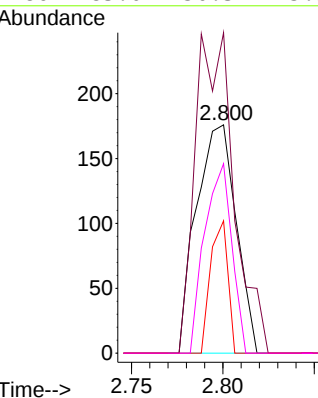
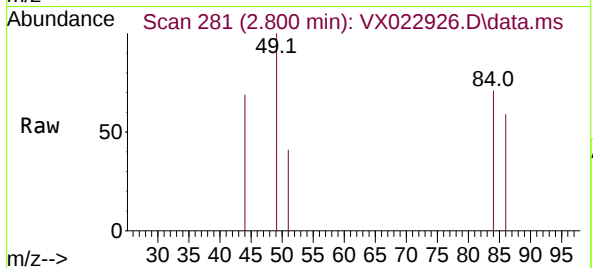
Ion Ratio Lower Upper

84 100

49 140.3 88.6 132.8#

51 58.0 27.0 40.6#

86 83.0 50.3 75.5#



#31

Cyclohexane

Concen: 1.21 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.086 min

Lab File: VX022926.D

Acq: 25 Jun 2021 16:26

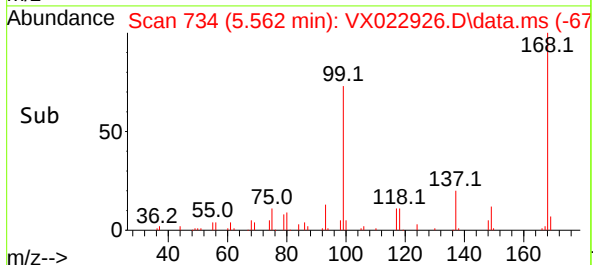
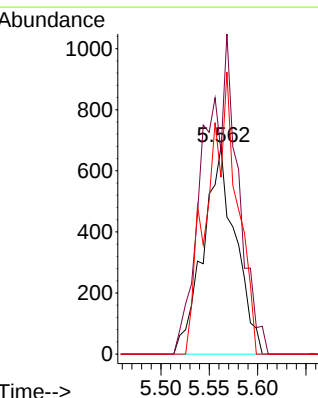
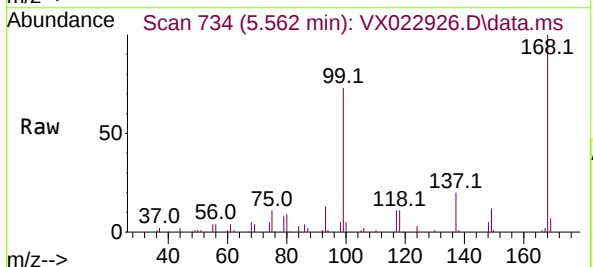
Tgt Ion: 56 Resp: 1579

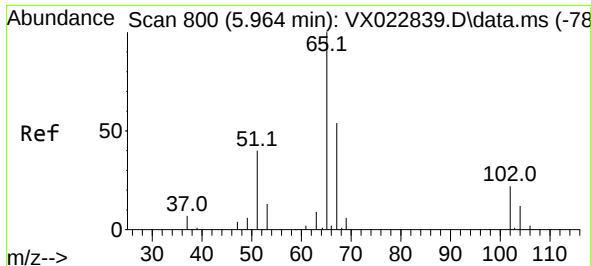
Ion Ratio Lower Upper

56 100

69 97.8 25.3 37.9#

84 85.4 71.4 107.0

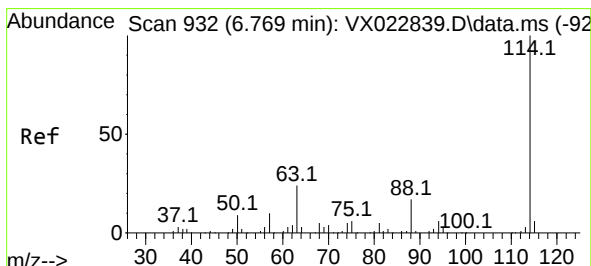
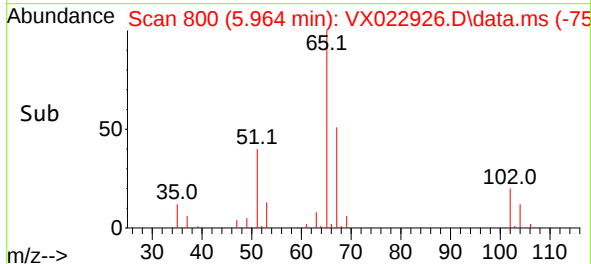
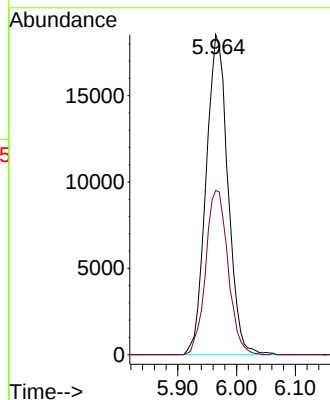
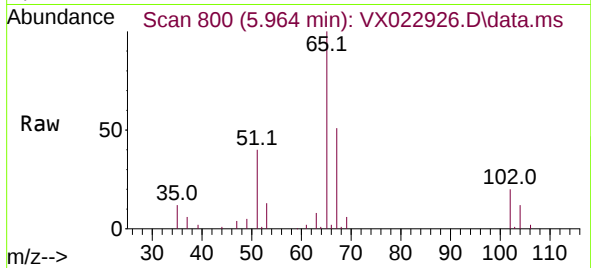




#33
 1,2-Dichloroethane-d4
 Concen: 51.71 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX022926.D
 Acq: 25 Jun 2021 16:26

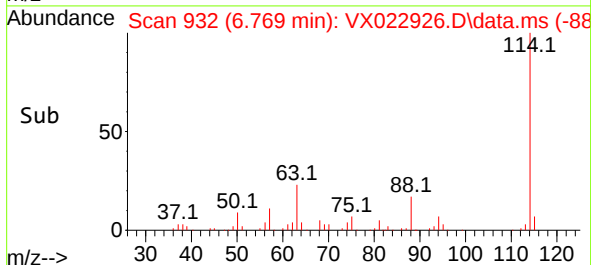
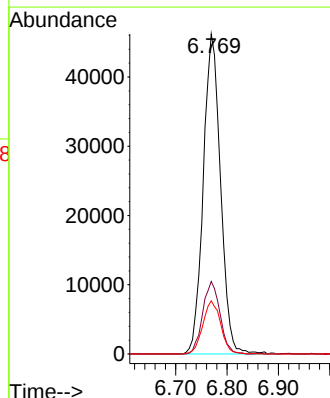
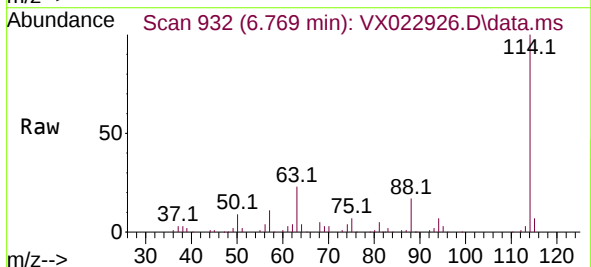
Instrument :
 MSVOA_X
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 RE131D3-20210621DL

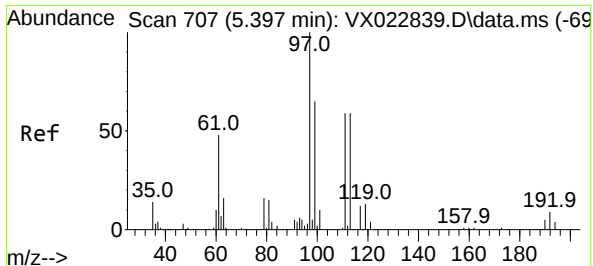
Tgt Ion: 65 Resp: 47863
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX022926.D
 Acq: 25 Jun 2021 16:26

Tgt Ion: 114 Resp: 107780
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 40.8
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.14 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022926.D

Acq: 25 Jun 2021 16:26

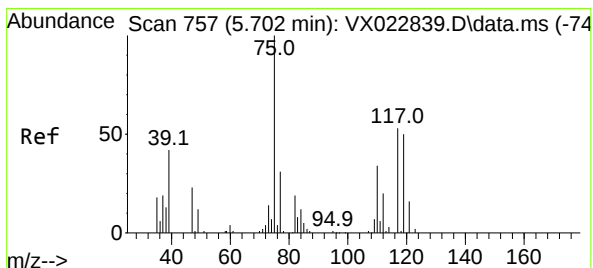
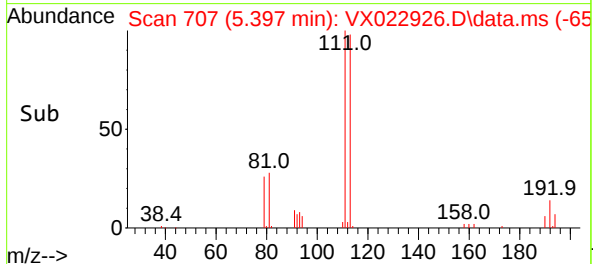
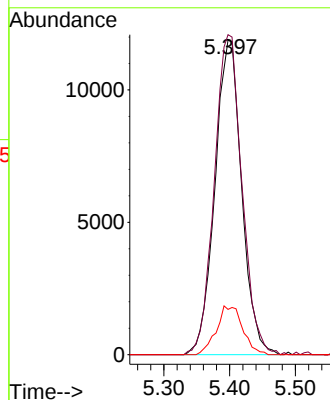
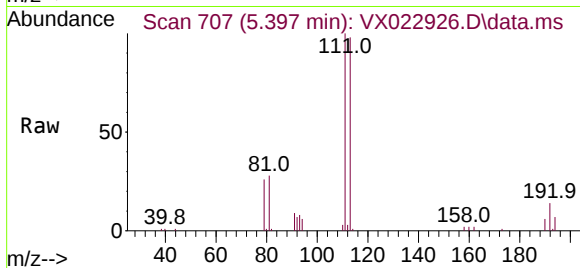
Tgt Ion:113 Resp: 33633

Ion Ratio Lower Upper

113 100

111 104.9 81.9 122.9

192 15.1 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.61 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022926.D

Acq: 25 Jun 2021 16:26

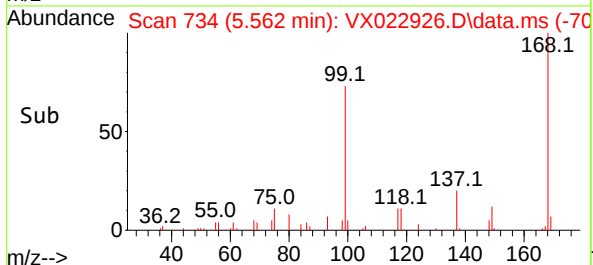
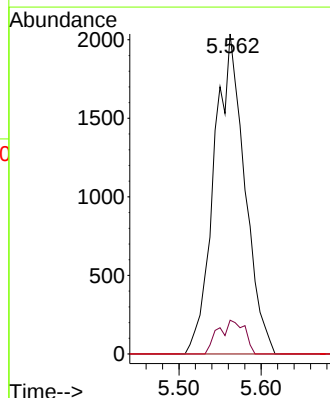
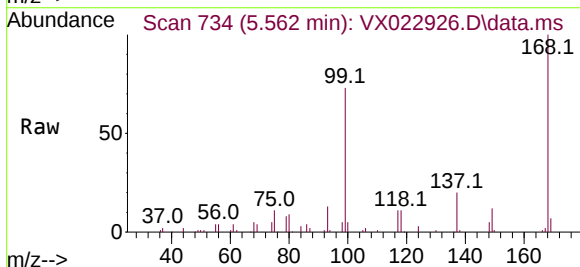
Tgt Ion: 75 Resp: 5275

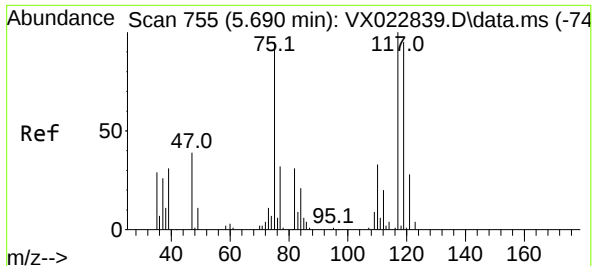
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

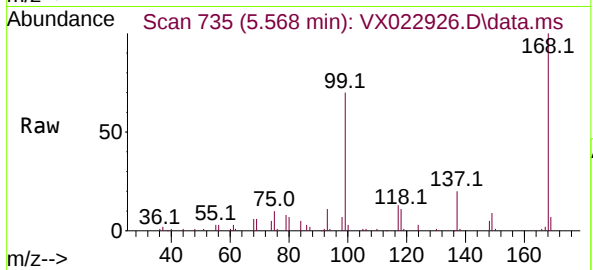
77 0.0 25.3 37.9#



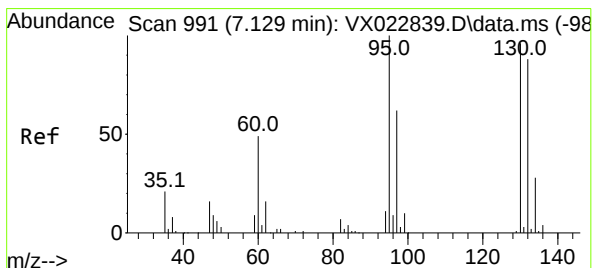
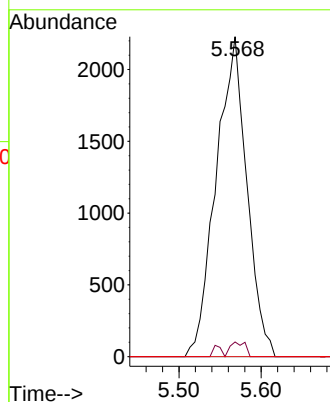
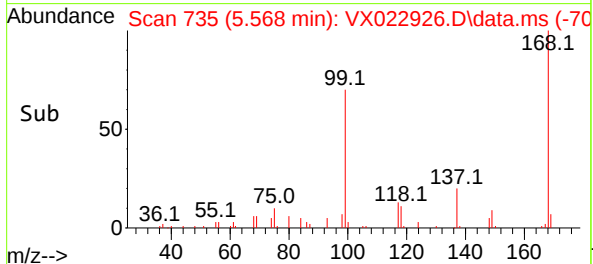


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.122 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

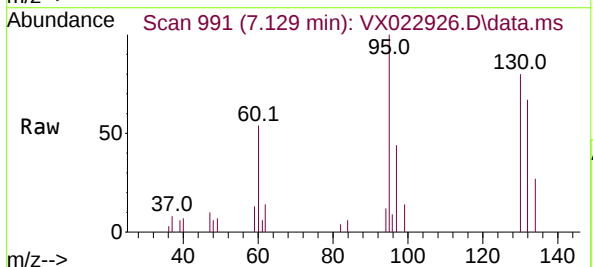
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL



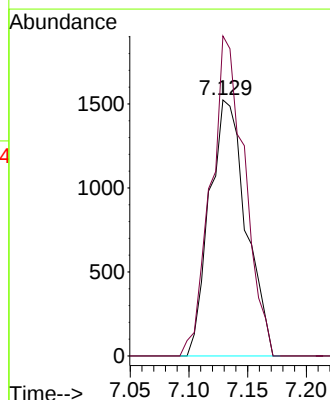
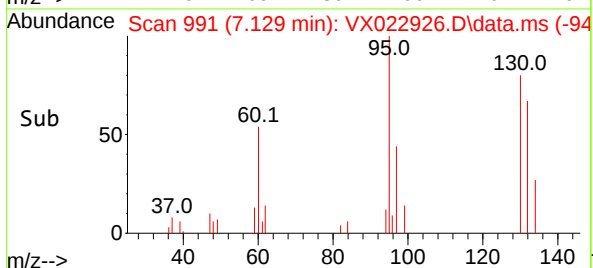
Tgt Ion:117 Resp: 5795
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#

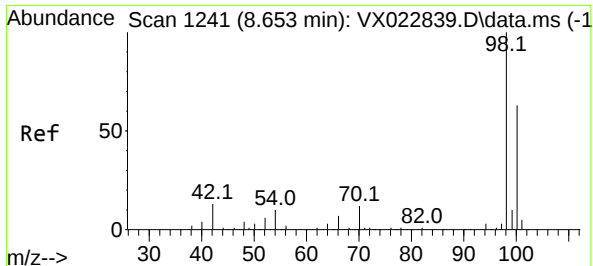


#44
Trichloroethene
Concen: 4.22 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26



Tgt Ion:130 Resp: 3303
Ion Ratio Lower Upper
130 100
95 125.0 0.0 198.0

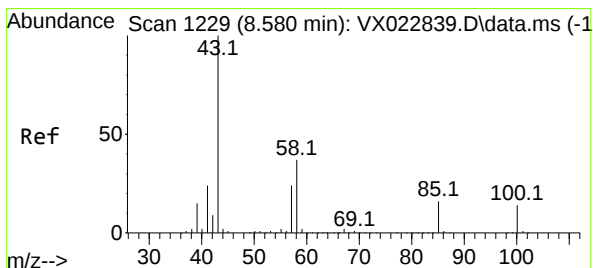
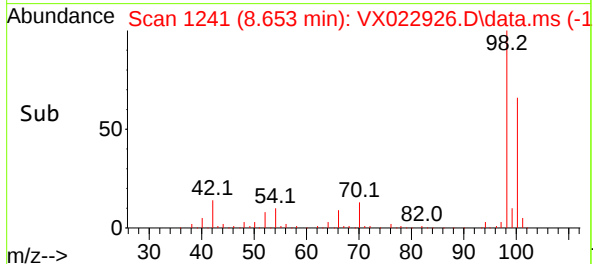
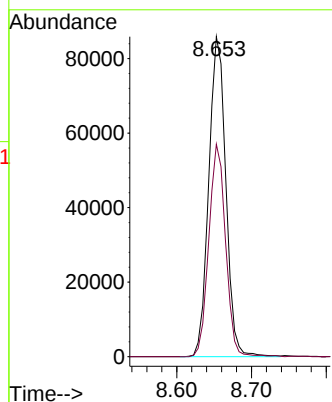
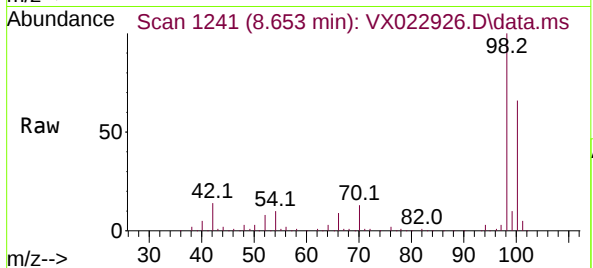




#50
Toluene-d8
Concen: 50.81 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

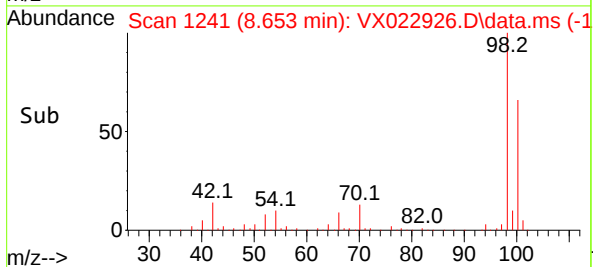
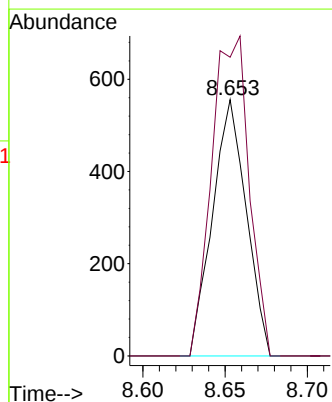
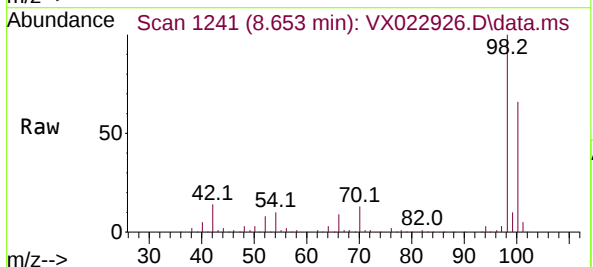
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL

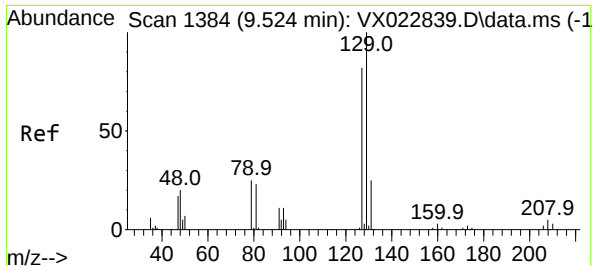
Tgt Ion: 98 Resp: 136303
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.60 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 138.4 35.4 53.0#

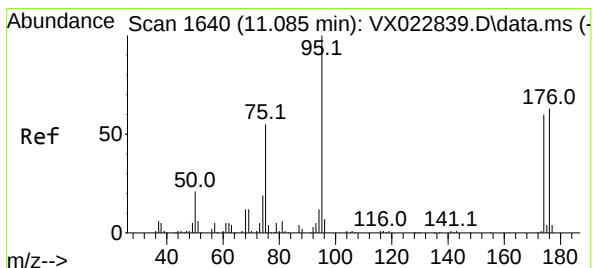
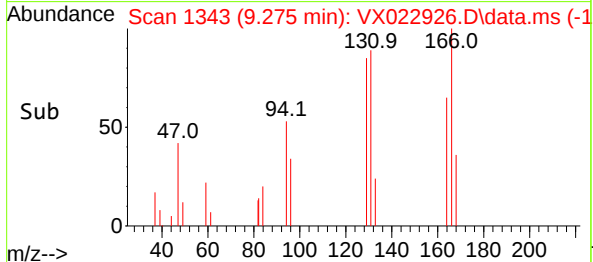
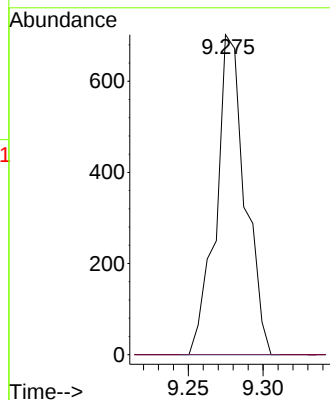
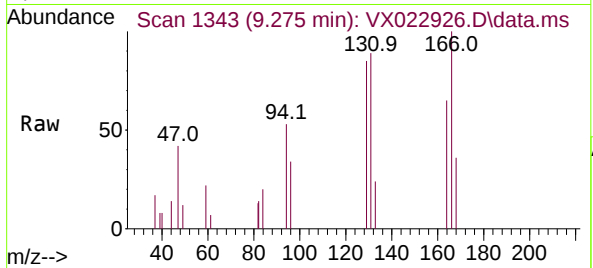




#60
Dibromochloromethane
Concen: 4.77 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.249 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

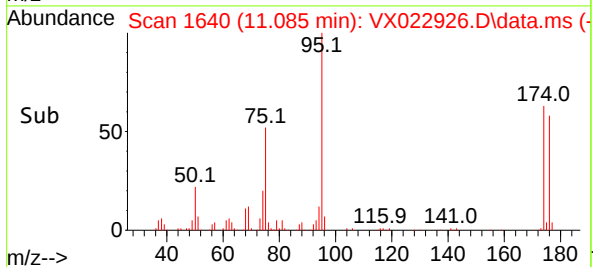
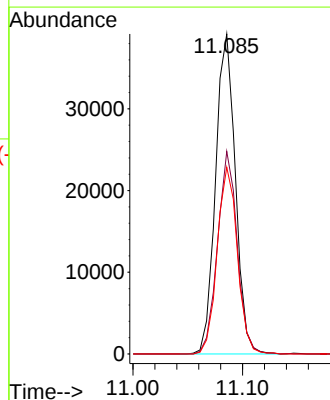
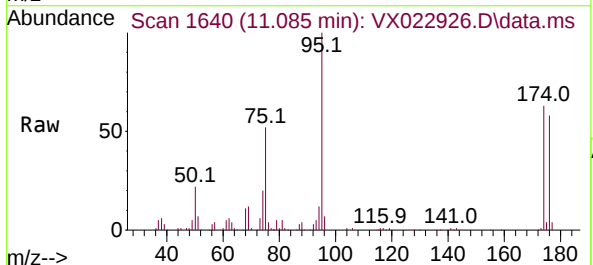
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL

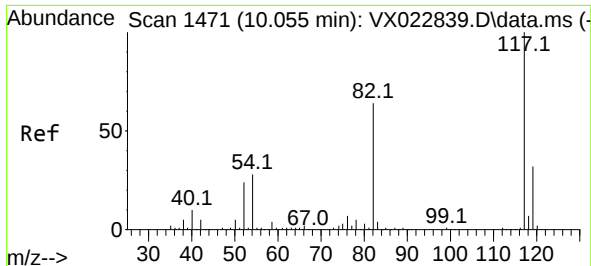
Tgt Ion:129 Resp: 945
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.11 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

Tgt Ion: 95 Resp: 49164
Ion Ratio Lower Upper
95 100
174 62.9 0.0 154.6
176 59.4 0.0 155.8

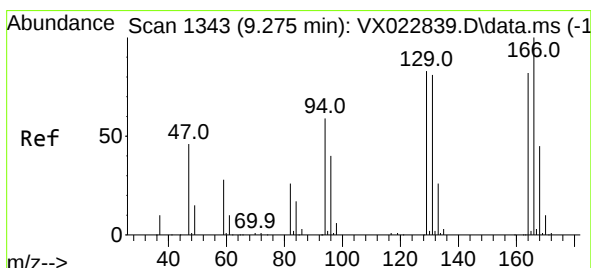
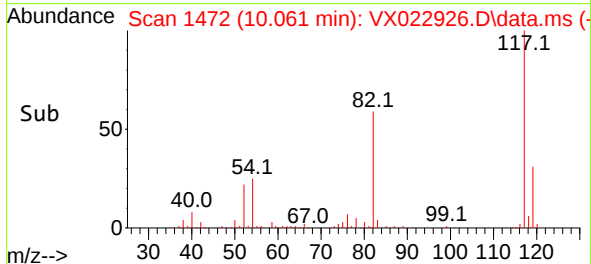
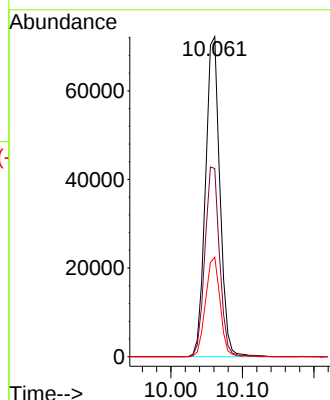
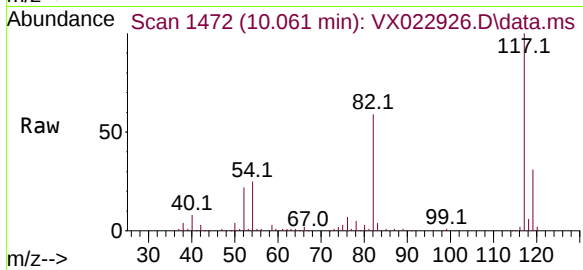




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

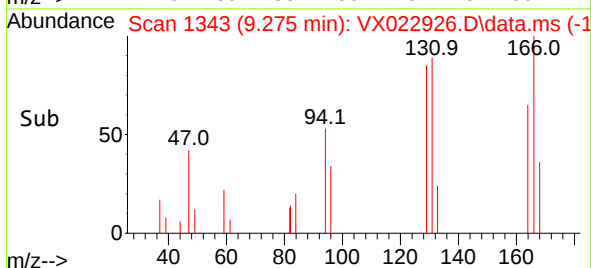
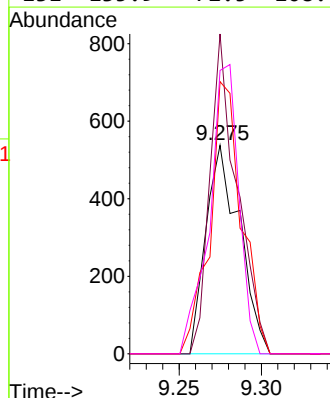
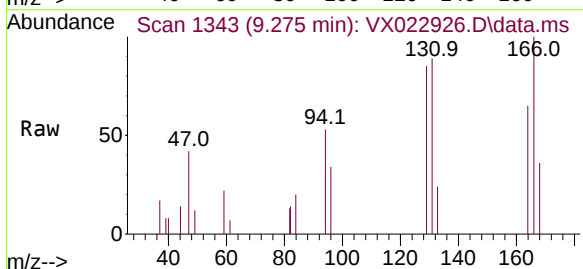
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20210621DL

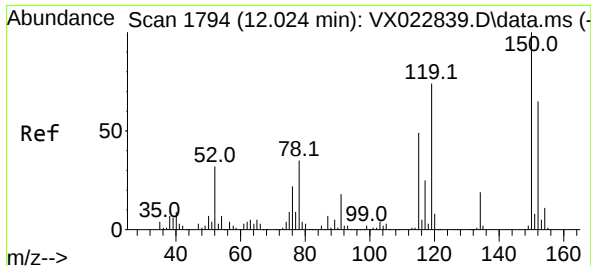
Tgt Ion:117 Resp: 101279
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.1 26.6 39.8



#64
Tetrachloroethene
Concen: 1.07 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX022926.D
Acq: 25 Jun 2021 16:26

Tgt Ion:164 Resp: 763
Ion Ratio Lower Upper
164 100
166 153.3 103.4 155.2
129 130.5 70.8 106.2#
131 135.9 72.5 108.7#

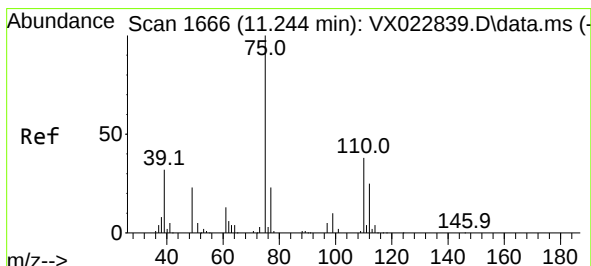
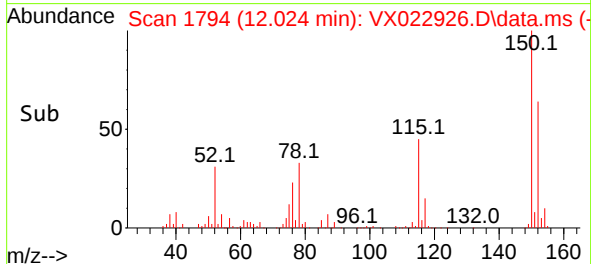
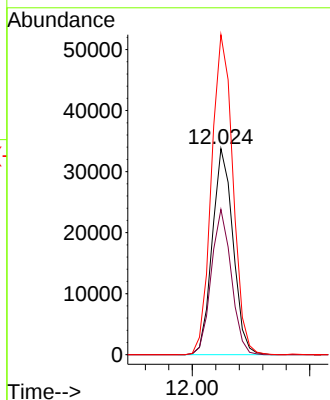
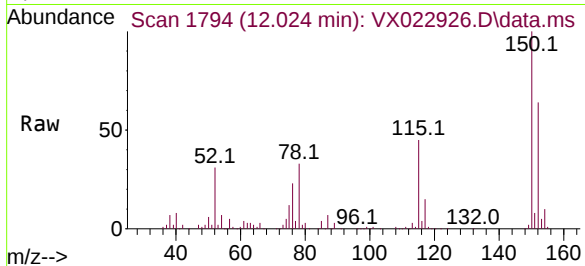




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022926.D
 Acq: 25 Jun 2021 16:26

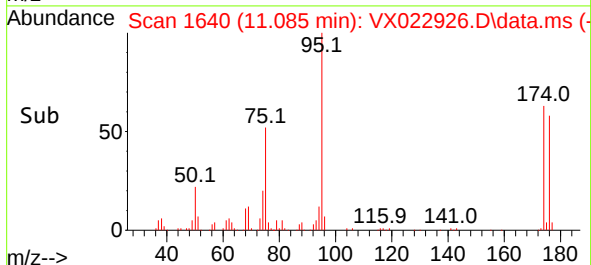
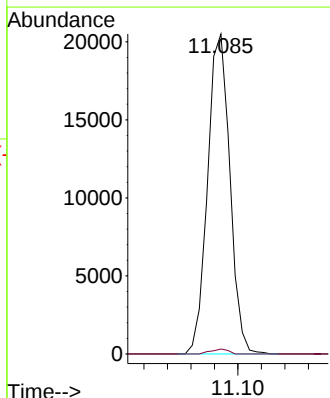
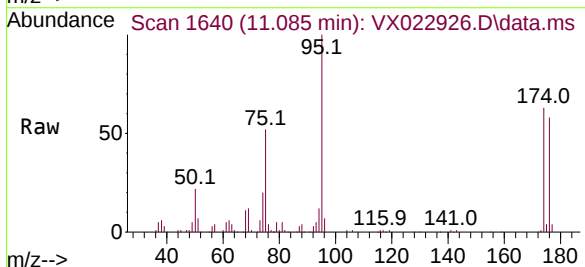
Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20210621DL

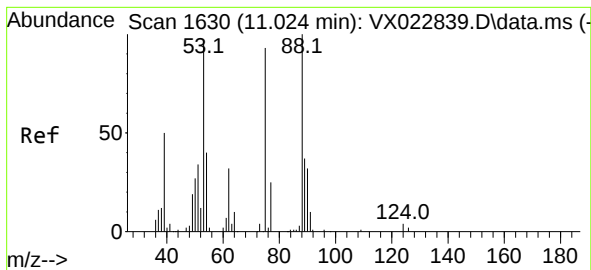
Tgt Ion:152 Resp: 41403
 Ion Ratio Lower Upper
 152 100
 115 68.1 41.1 123.3
 150 160.5 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.69 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022926.D
 Acq: 25 Jun 2021 16:26

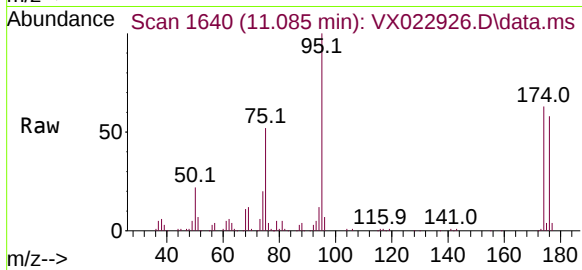
Tgt Ion: 75 Resp: 27001
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.52 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022926.D
 Acq: 25 Jun 2021 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20210621DL



Tgt Ion: 75 Resp: 27001
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.3 37.9 56.9#

