

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022746.D
 Acq On : 17 Jun 2021 17:26
 Operator : JC/MD
 Sample : M2750-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20210615

Quant Time: Jun 18 01:18:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

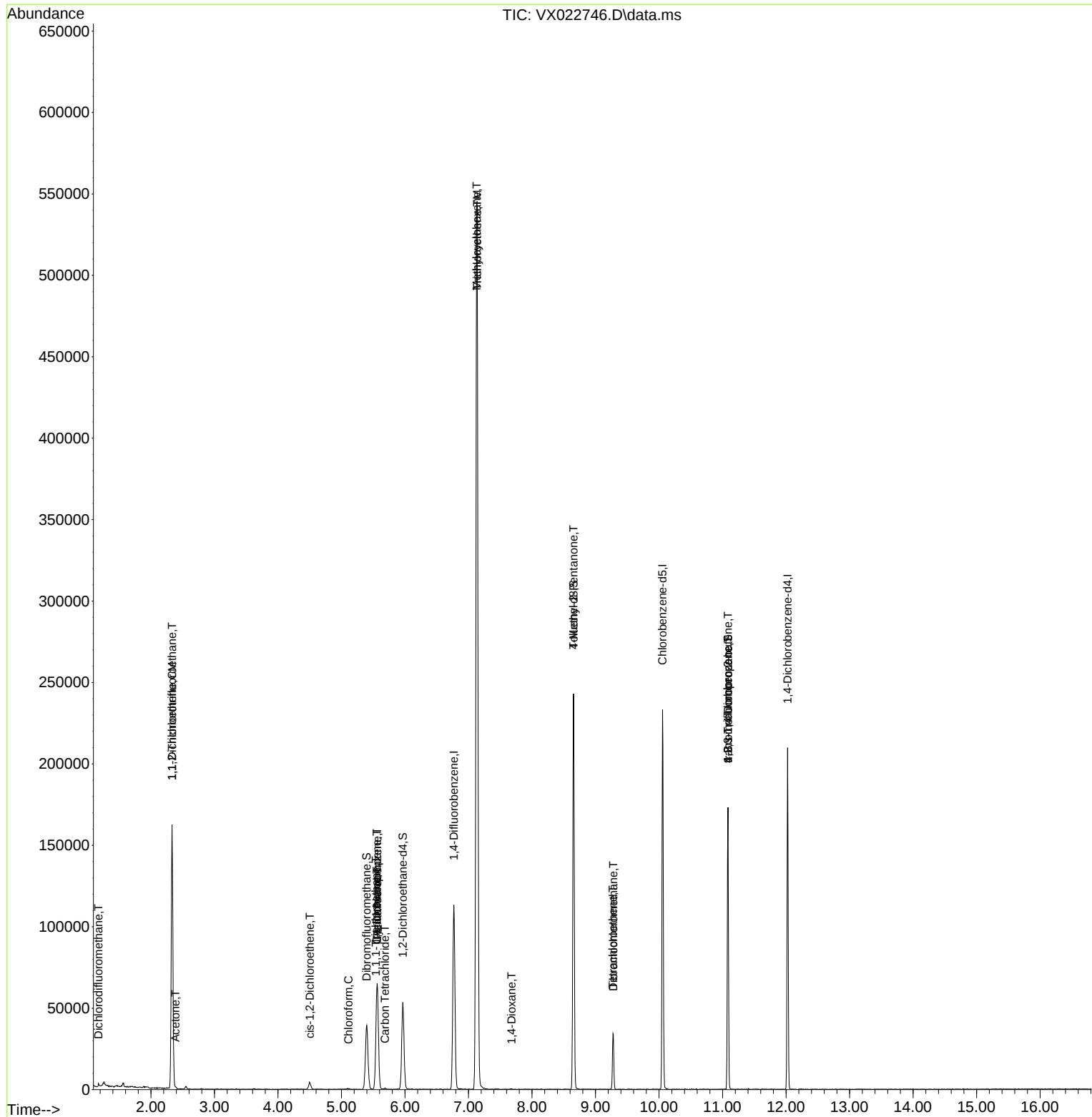
Internal Standards						
1) Pentafluorobenzene	5.562	168	53248	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110433	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35747	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47856	49.97	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.94%		
35) Dibromofluoromethane	5.397	113	33058	46.92	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.84%		
50) Toluene-d8	8.653	98	135496	48.78	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.56%		
62) 4-Bromofluorobenzene	11.085	95	46264	44.04	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.08%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	308	0.49	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	61171	93.85	ug/l	89
12) 1,1-Dichloroethene	2.331	96	718	1.11	ug/l #	60
16) Acetone	2.386	43	932	2.17	ug/l	90
20) Methylene Chloride	2.794	84	61	Below Cal	#	26
27) cis-1,2-Dichloroethene	4.501	96	2321	2.66	ug/l	94
30) Chloroform	5.111	83	612	0.43	ug/l #	71
31) Cyclohexane	5.556	56	1724	1.49	ug/l #	37
32) 1,1,1-Trichloroethane	5.544	97	25	0.93	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5453	4.96	ug/l #	48
38) Carbon Tetrachloride	5.684	117	510	0.54	ug/l #	63
39) Methylcyclohexane	7.129	83	2734	2.38	ug/l #	1
44) Trichloroethene	7.135	130	190732	248.20	ug/l	94
49) 1,4-Dioxane	7.677	88	200	9.91	ug/l #	49
51) 4-Methyl-2-Pentanone	8.653	43	673	0.48	ug/l #	1
60) Dibromochloromethane	9.281	129	5798	9.80	ug/l #	11
64) Tetrachloroethene	9.275	164	5569	9.04	ug/l	87
76) 1,2,3-Trichloropropane	11.085	75	24309	25.65	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	24309	64.42	ug/l #	12

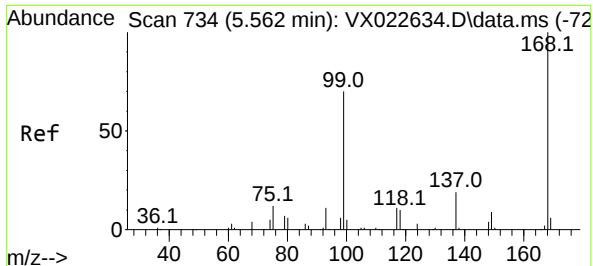
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:18:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

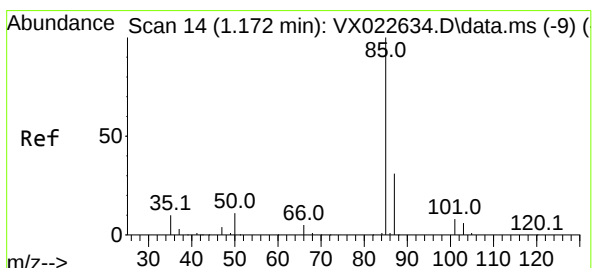
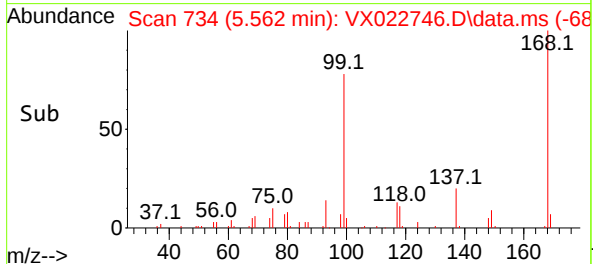
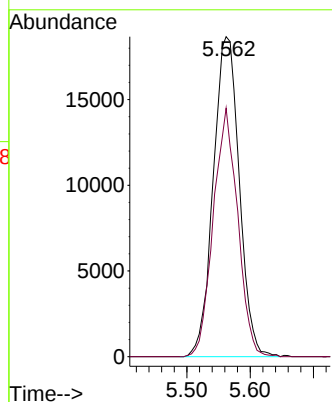
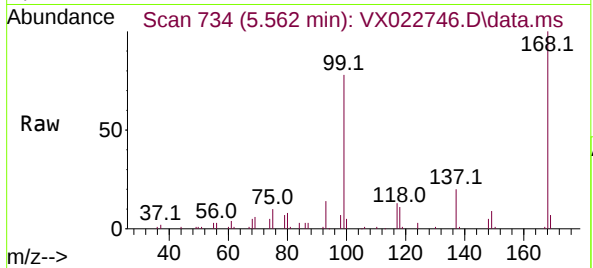




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

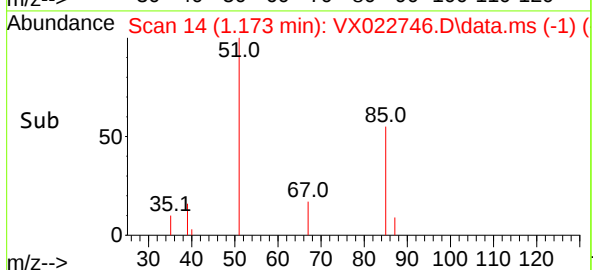
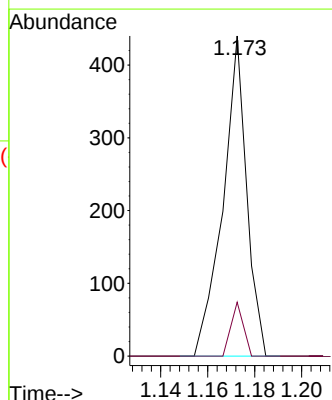
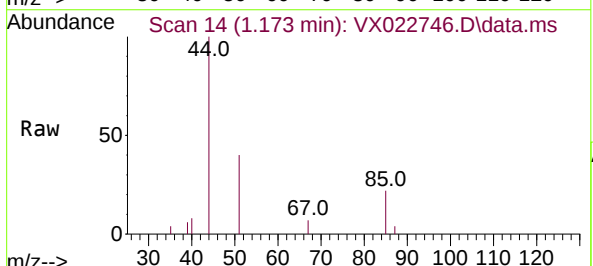
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

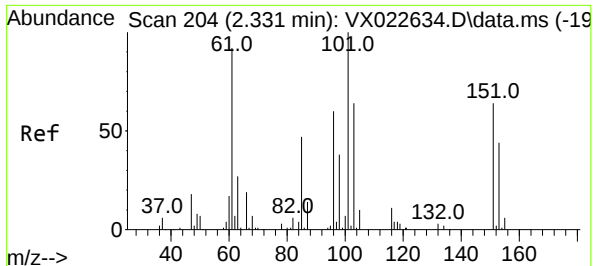
Tgt Ion:168 Resp: 53248
Ion Ratio Lower Upper
168 100
99 77.6 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.49 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 85 Resp: 308
Ion Ratio Lower Upper
85 100
87 16.8 16.4 49.2

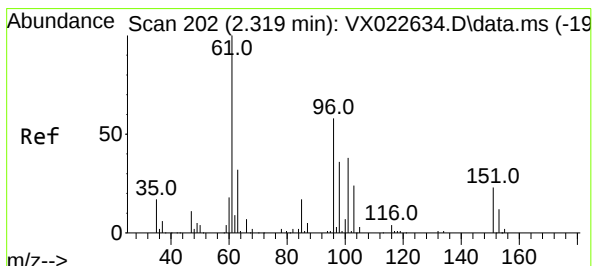
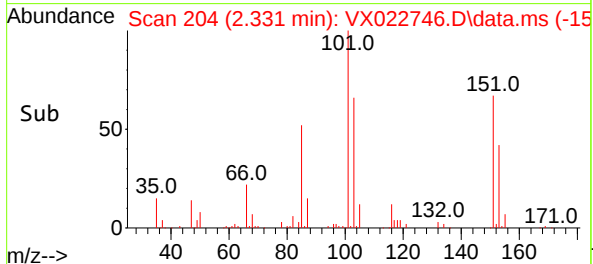
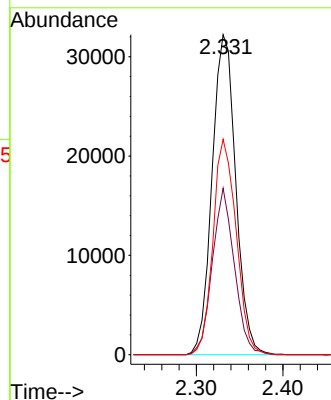
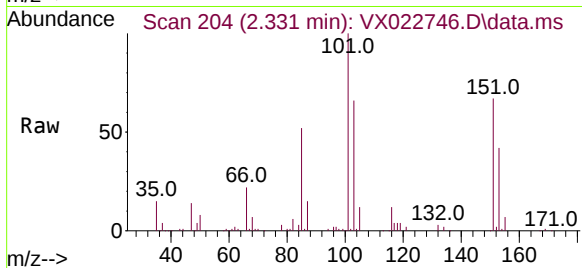




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 93.85 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.006 min
 Lab File: VX022746.D
 Acq: 17 Jun 2021 17:26

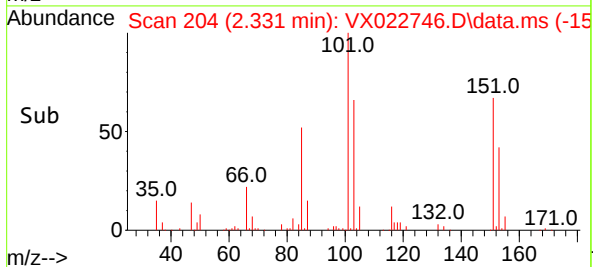
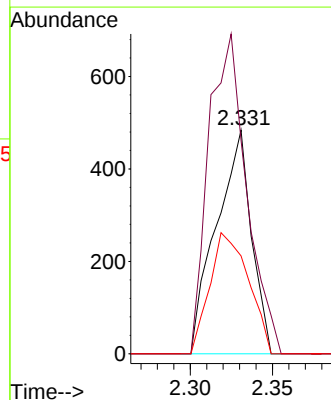
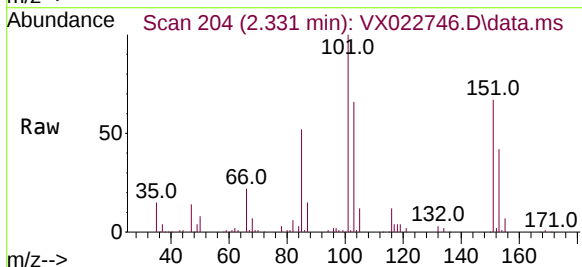
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20210615

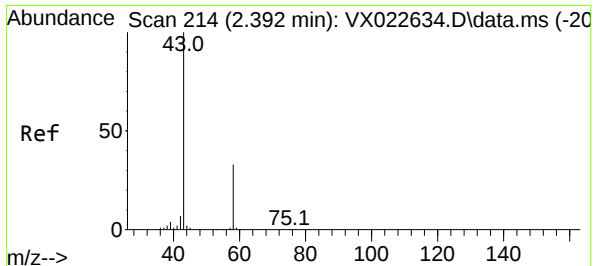
Tgt Ion:	101	Resp:	61171
Ion	Ratio	Lower	Upper
101	100		
85	48.4	34.9	52.3
151	66.0	61.4	92.2



#12
 1,1-Dichloroethene
 Concen: 1.11 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.012 min
 Lab File: VX022746.D
 Acq: 17 Jun 2021 17:26

Tgt Ion:	96	Resp:	718
Ion	Ratio	Lower	Upper
96	100		
61	95.5	124.6	187.0#
98	43.8	50.6	76.0#

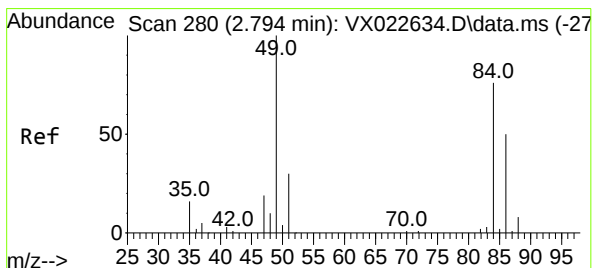
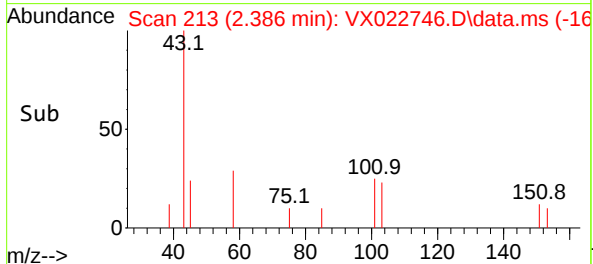
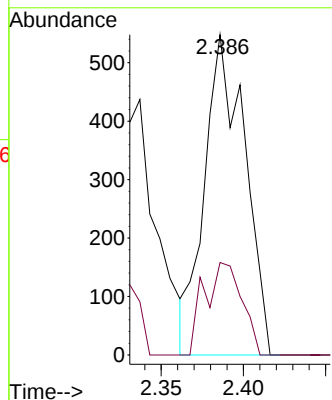
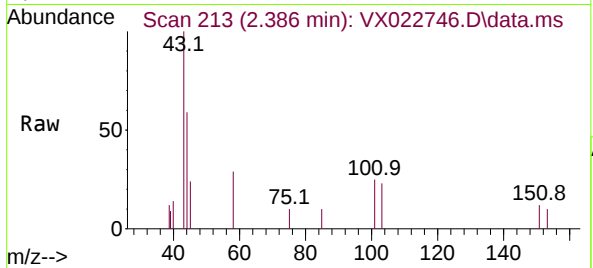




#16
Acetone
Concen: 2.17 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

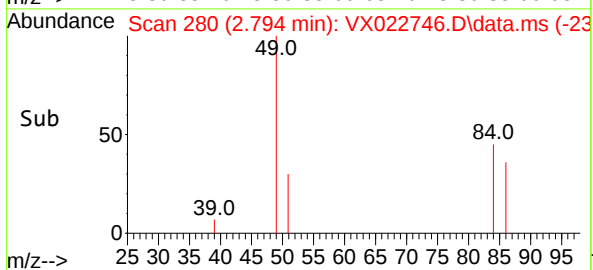
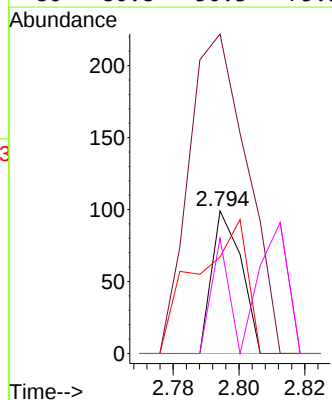
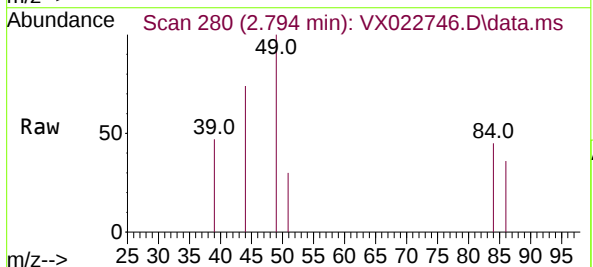
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

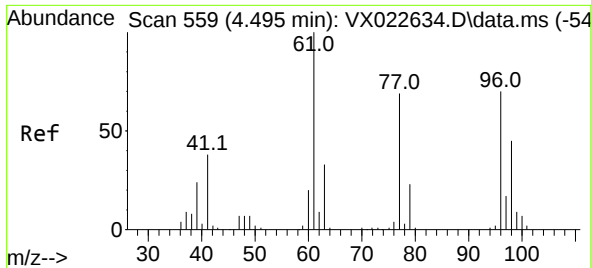
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 28.8 27.8 41.8



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 84 Resp: 61
Ion Ratio Lower Upper
84 100
49 224.2 88.6 132.8#
51 67.7 27.0 40.6#
86 80.8 50.3 75.5#





#27

cis-1,2-Dichloroethene

Concen: 2.66 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX022746.D

Acq: 17 Jun 2021 17:26

Tgt Ion: 96 Resp: 2321

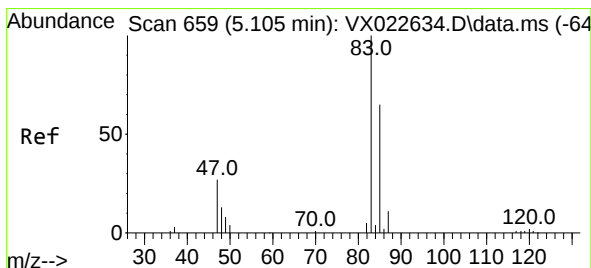
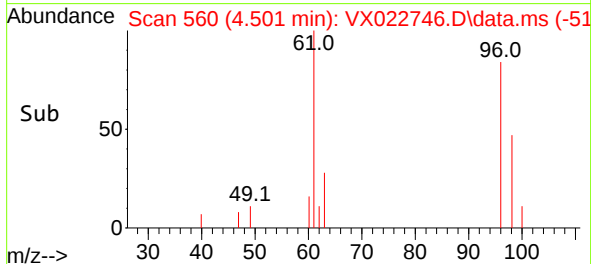
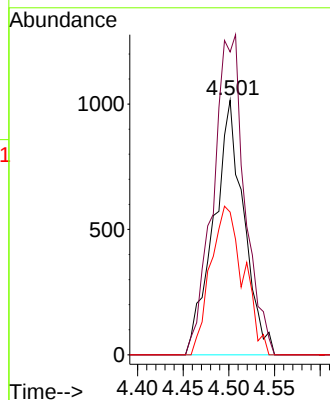
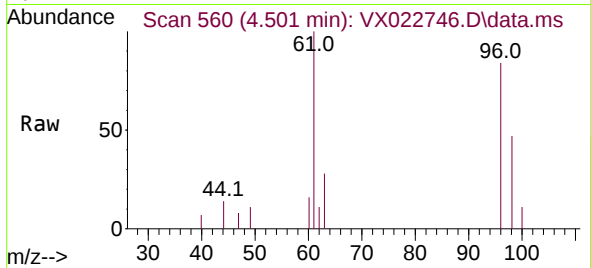
Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	285.6
98	64.2	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20210615



#30

Chloroform

Concen: 0.43 ug/l

RT: 5.111 min Scan# 660

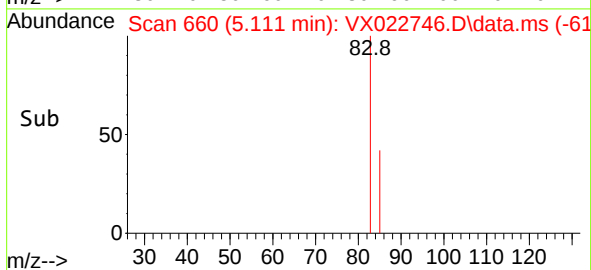
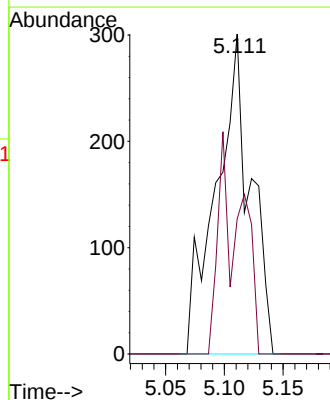
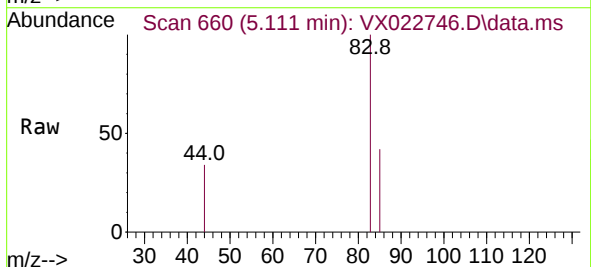
Delta R.T. 0.006 min

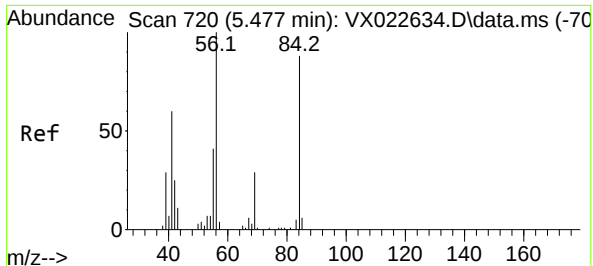
Lab File: VX022746.D

Acq: 17 Jun 2021 17:26

Tgt Ion: 83 Resp: 612

Ion	Ratio	Lower	Upper
83	100		
85	42.2	52.0	78.0#

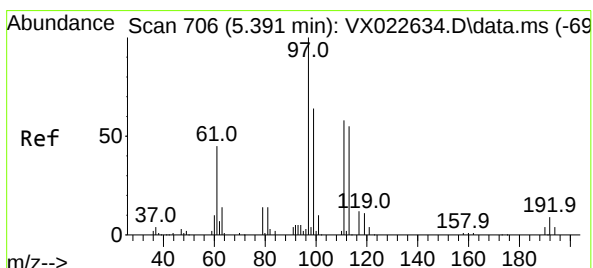
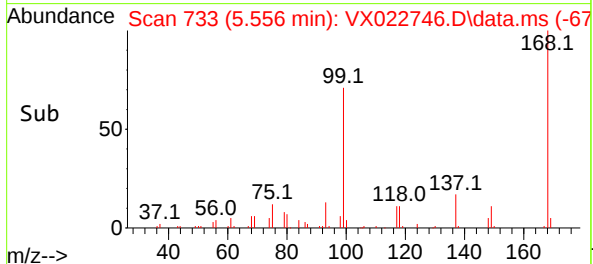
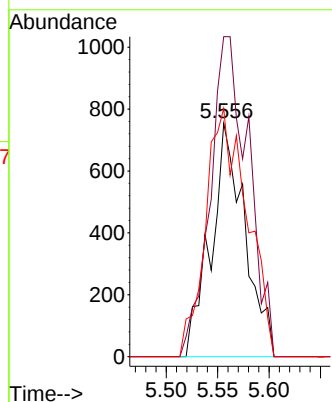
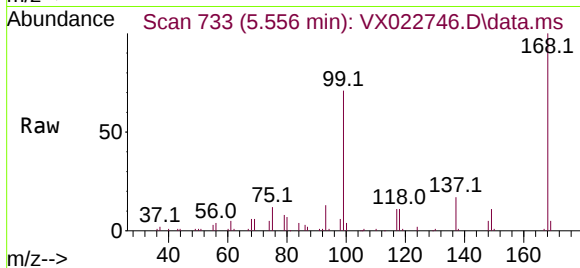




#31
Cyclohexane
Concen: 1.49 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

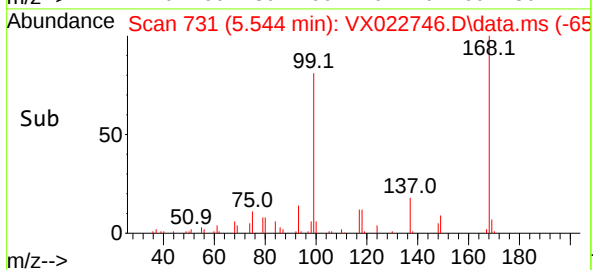
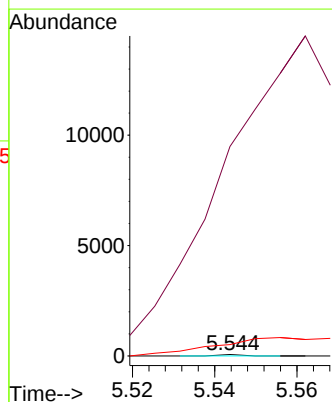
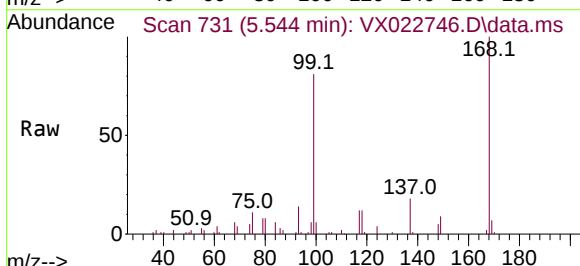
Instrument :
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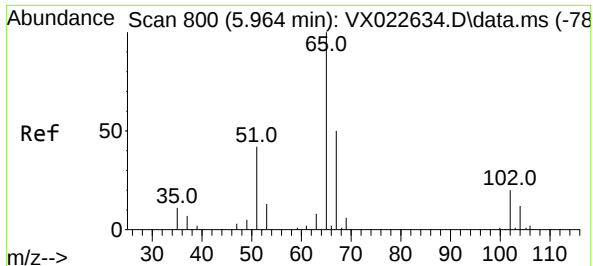
Tgt Ion: 56 Resp: 1724
Ion Ratio Lower Upper
56 100
69 137.1 25.3 37.9#
84 106.4 71.4 107.0



#32
1,1,1-Trichloroethane
Concen: 0.93 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.153 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 97 Resp: 25
Ion Ratio Lower Upper
97 100
99 155120.0 51.5 77.3#
61 8636.0 34.2 51.4#





#33

1,2-Dichloroethane-d4

Concen: 49.97 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022746.D

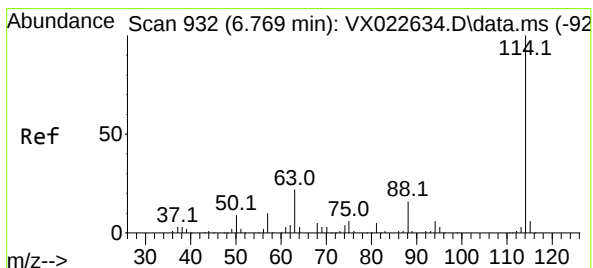
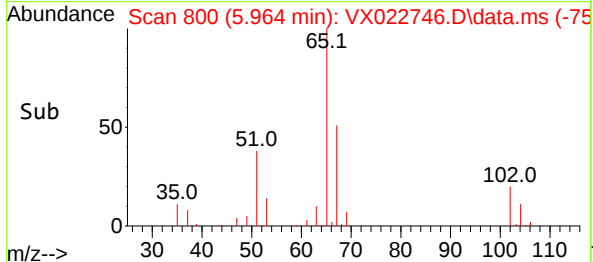
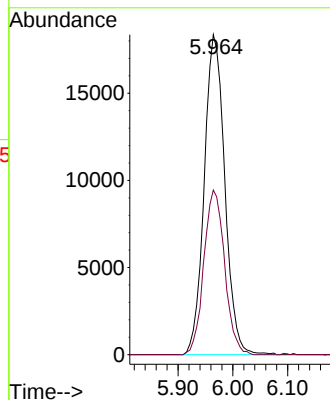
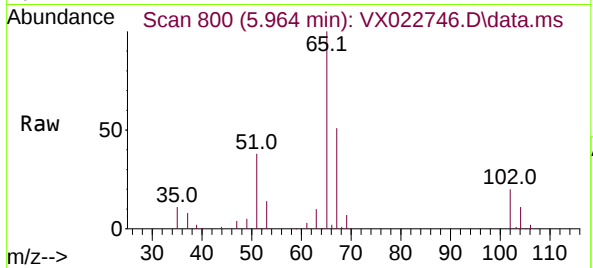
Acq: 17 Jun 2021 17:26

Tgt Ion: 65 Resp: 47856

Ion Ratio Lower Upper

65 100

67 51.9 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: VX022746.D

Acq: 17 Jun 2021 17:26

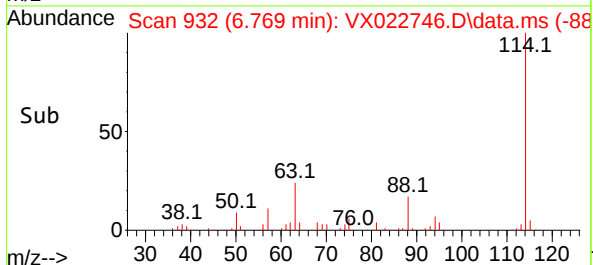
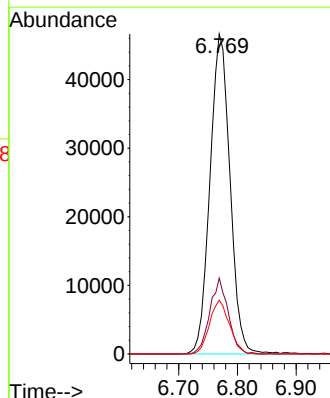
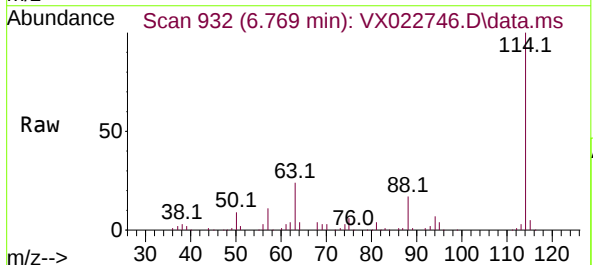
Tgt Ion: 114 Resp: 110433

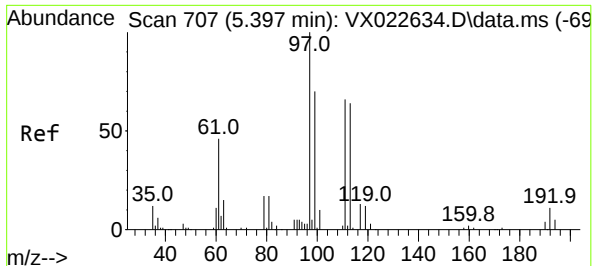
Ion Ratio Lower Upper

114 100

63 23.7 0.0 40.8

88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.92 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022746.D

Acq: 17 Jun 2021 17:26

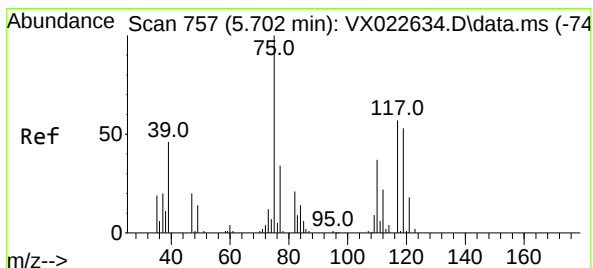
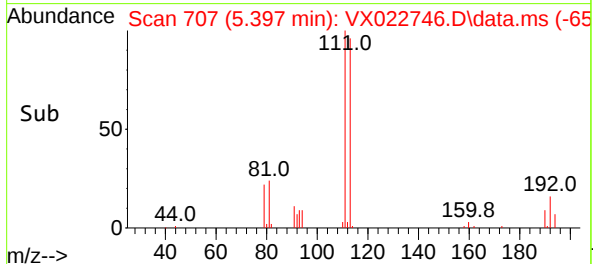
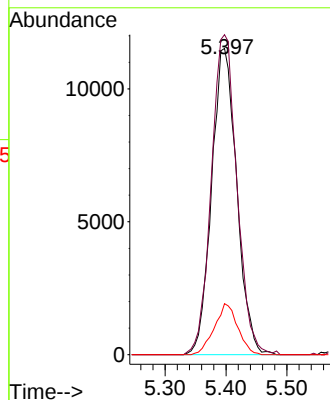
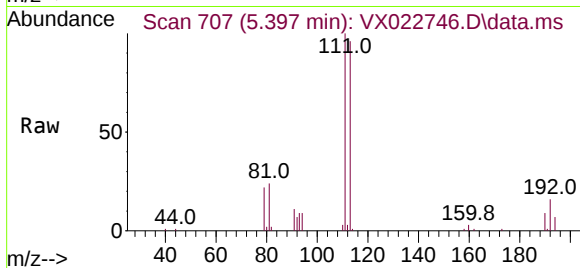
Tgt Ion:113 Resp: 33058

Ion Ratio Lower Upper

113 100

111 106.4 81.9 122.9

192 15.5 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.96 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022746.D

Acq: 17 Jun 2021 17:26

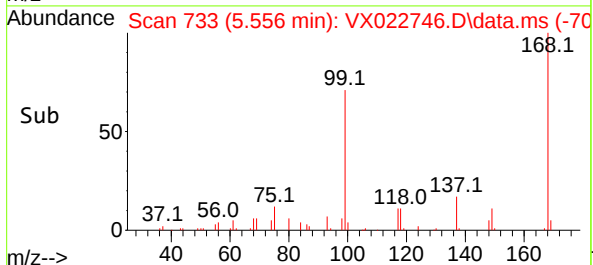
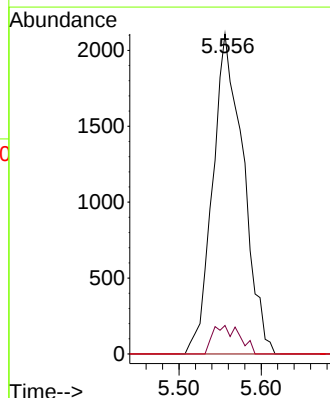
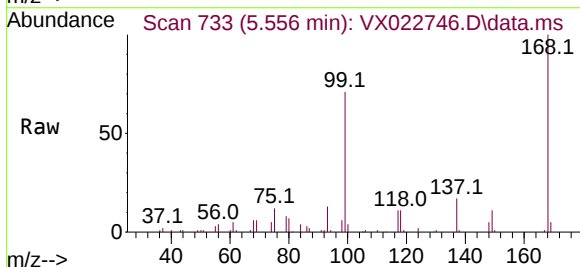
Tgt Ion: 75 Resp: 5453

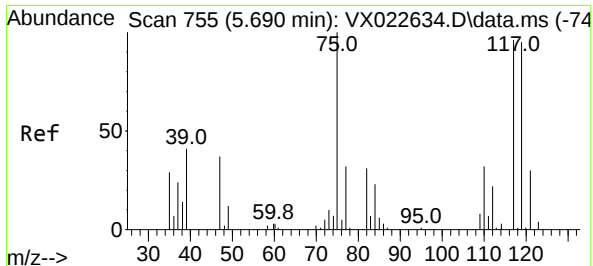
Ion Ratio Lower Upper

75 100

110 7.8 18.1 54.4#

77 0.0 25.3 37.9#

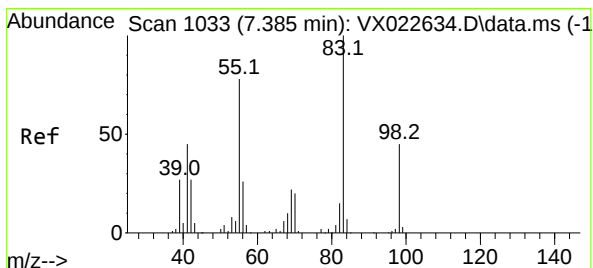
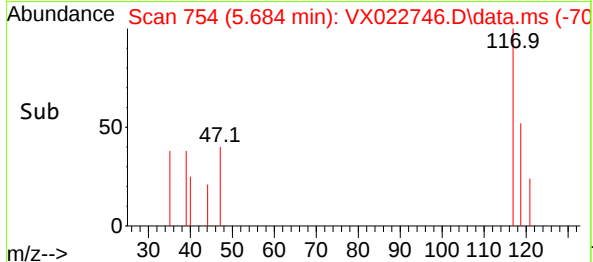
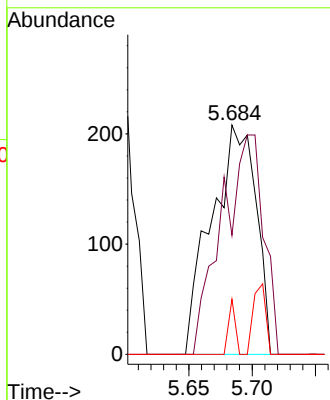
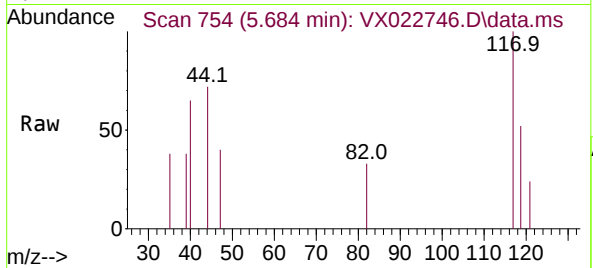




#38
Carbon Tetrachloride
Concen: 0.54 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

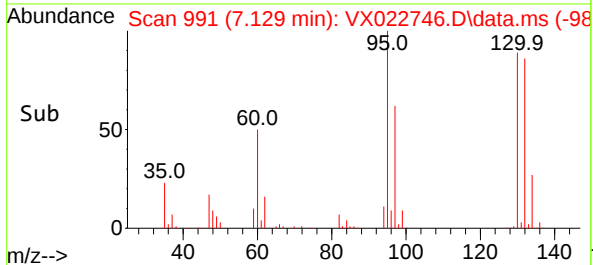
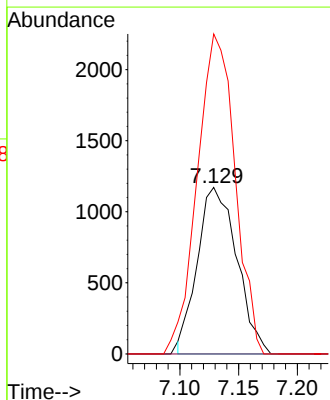
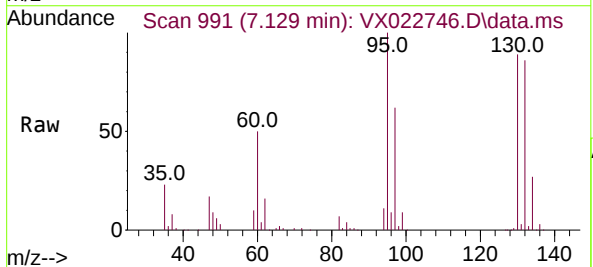
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

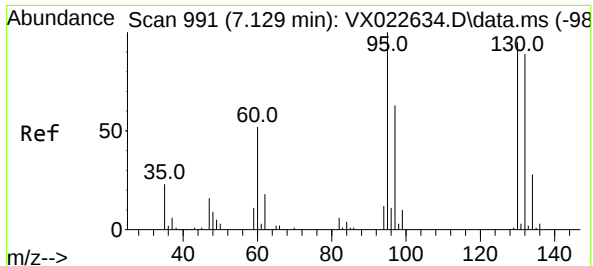
Tgt Ion:117 Resp: 510
Ion Ratio Lower Upper
117 100
119 51.9 76.2 114.2#
121 24.0 24.8 37.2#



#39
Methylcyclohexane
Concen: 2.38 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.256 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 83 Resp: 2734
Ion Ratio Lower Upper
83 100
55 0.0 58.9 88.3#
98 192.2 38.1 57.1#

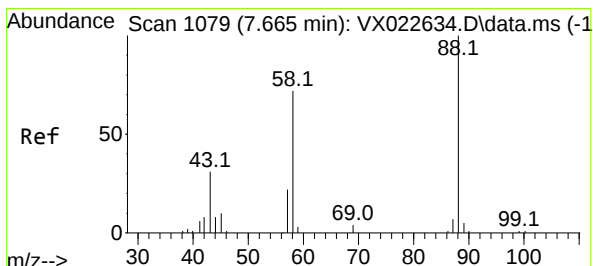
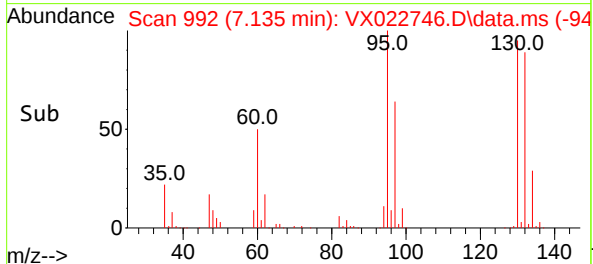
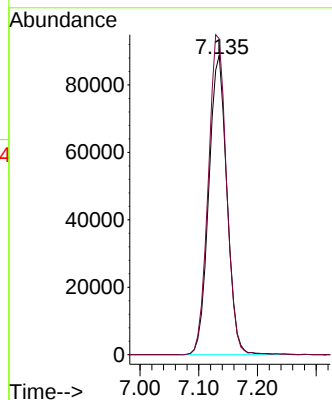
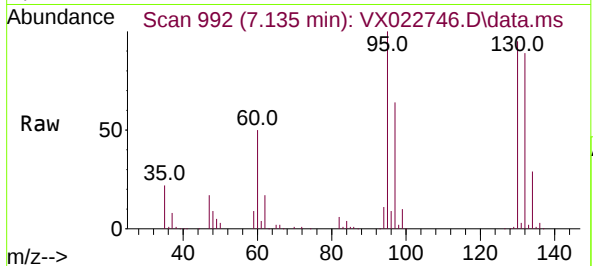




#44
Trichloroethene
Concen: 248.20 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

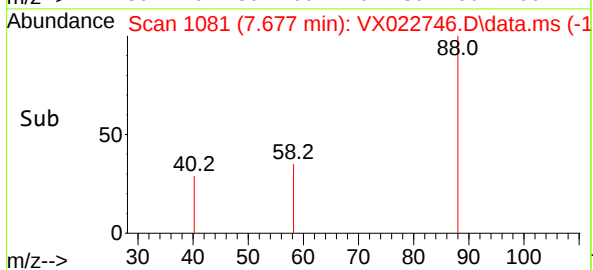
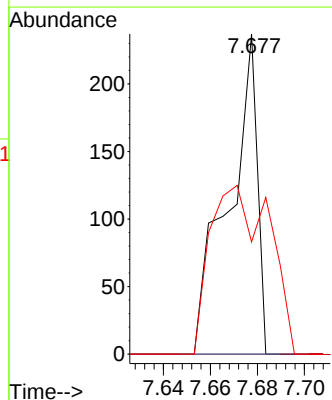
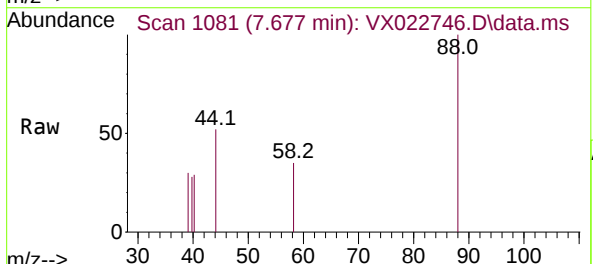
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

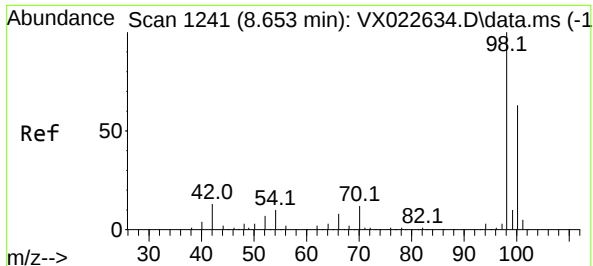
Tgt Ion:130 Resp: 190732
Ion Ratio Lower Upper
130 100
95 105.5 0.0 198.0



#49
1,4-Dioxane
Concen: 9.91 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.012 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 88 Resp: 200
Ion Ratio Lower Upper
88 100
43 0.0 23.2 34.8#
58 109.0 55.0 82.4#

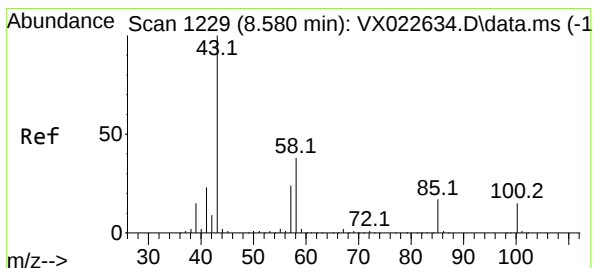
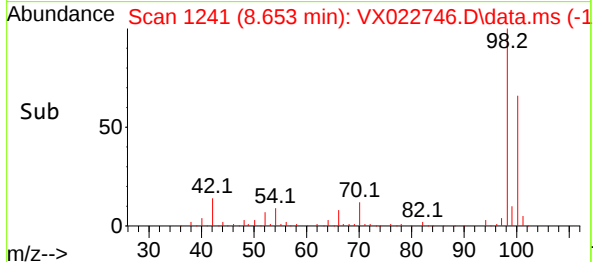
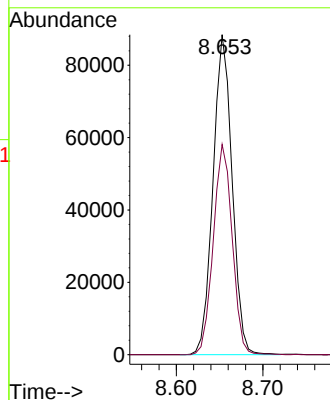
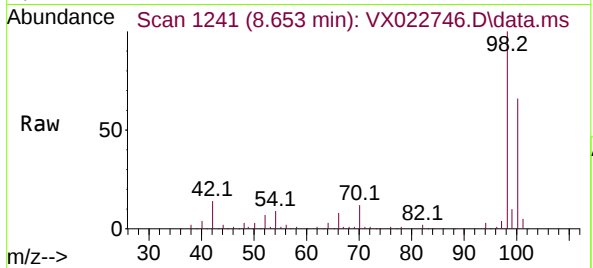




#50
Toluene-d8
Concen: 48.78 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

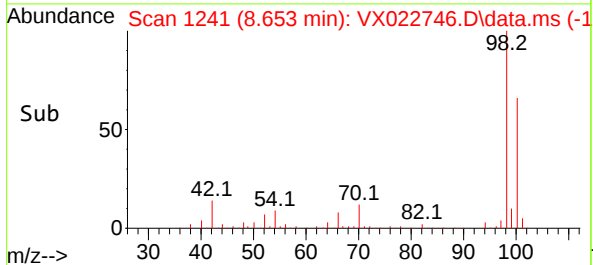
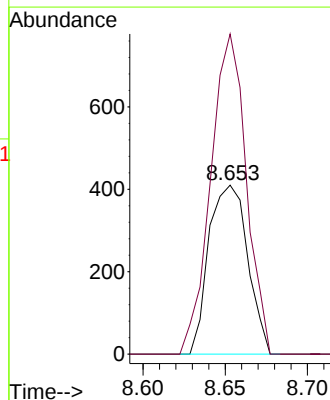
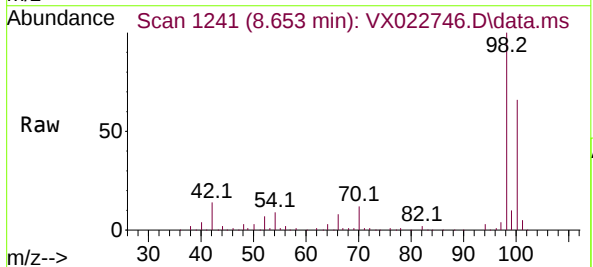
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

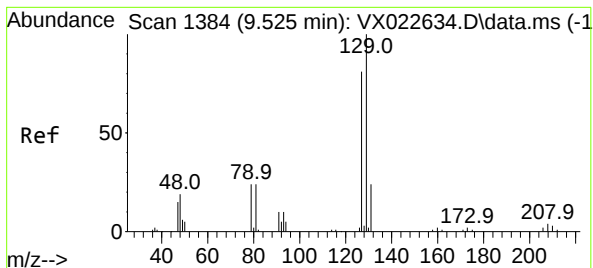
Tgt Ion: 98 Resp: 135496
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.48 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 173.7 35.4 53.0#

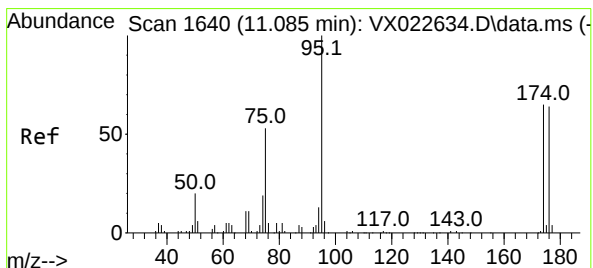
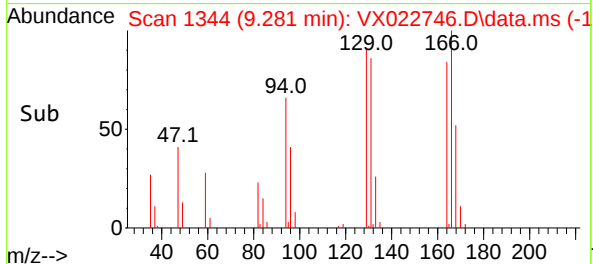
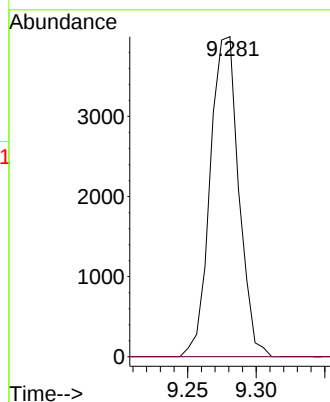
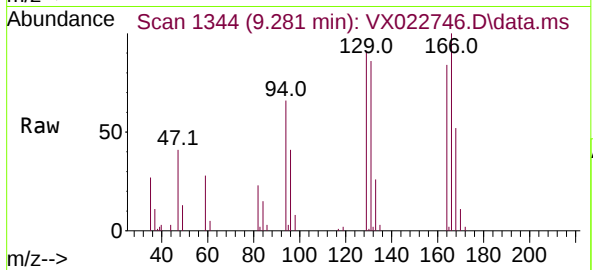




#60
Dibromochloromethane
Concen: 9.80 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

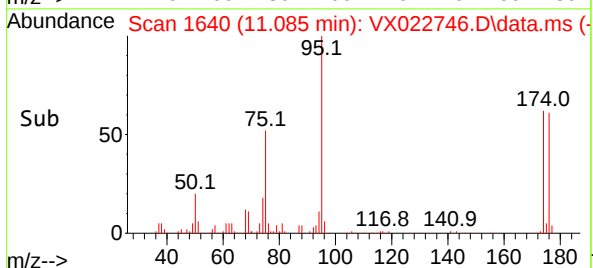
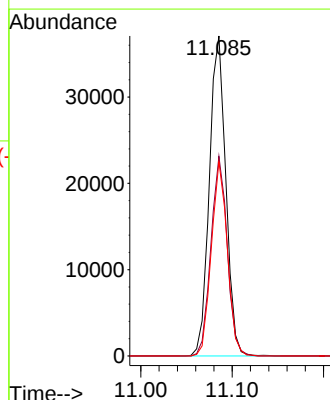
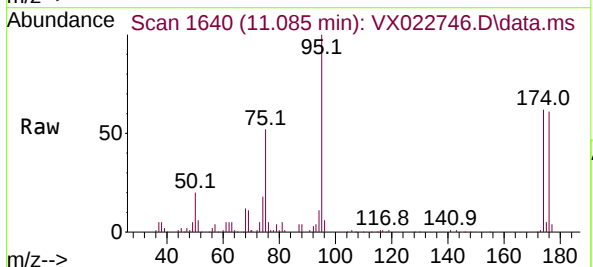
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

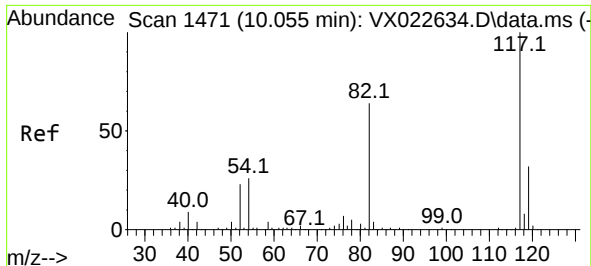
Tgt Ion:129 Resp: 5798
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 44.04 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion: 95 Resp: 46264
Ion Ratio Lower Upper
95 100
174 61.6 0.0 154.6
176 58.7 0.0 155.8

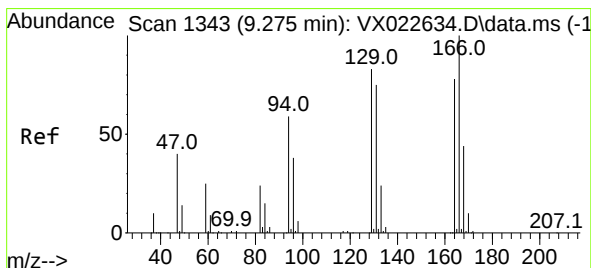
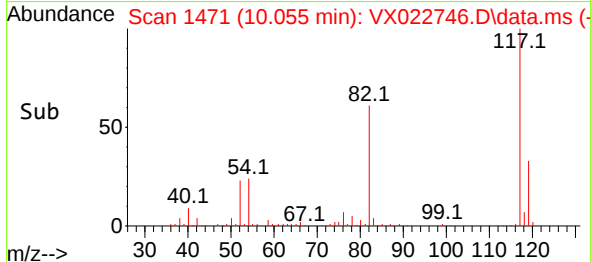
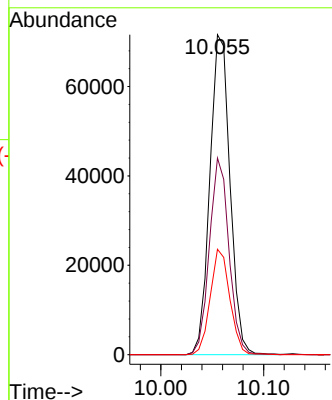
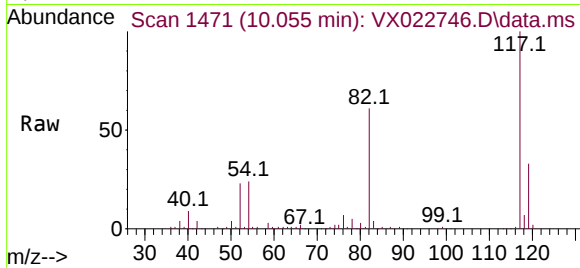




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

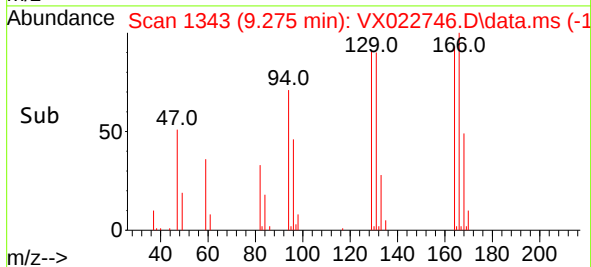
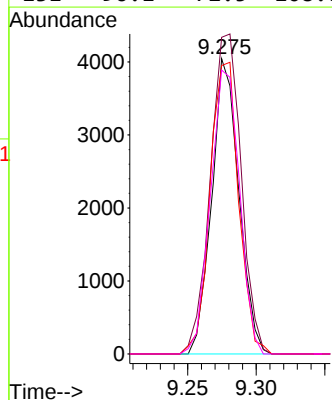
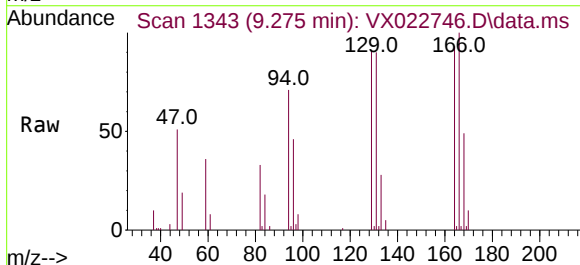
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20210615

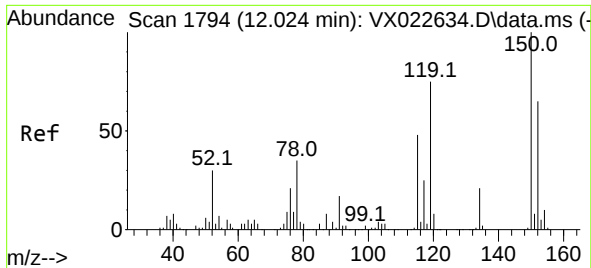
Tgt Ion:	117	Resp:	97400
Ion Ratio	Lower	Upper	
117	100		
82	61.5	47.4	71.2
119	32.9	26.6	39.8



#64
Tetrachloroethene
Concen: 9.04 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX022746.D
Acq: 17 Jun 2021 17:26

Tgt Ion:	164	Resp:	5569
Ion Ratio	Lower	Upper	
164	100		
166	107.2	103.4	155.2
129	97.7	70.8	106.2
131	96.1	72.5	108.7

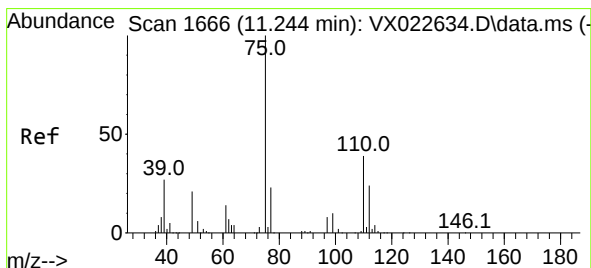
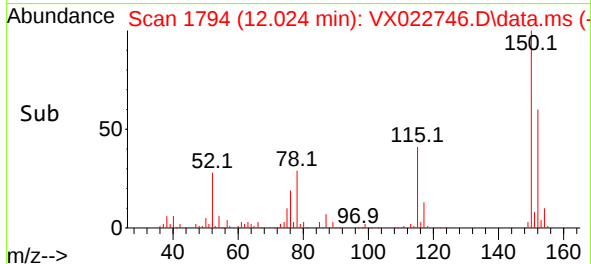
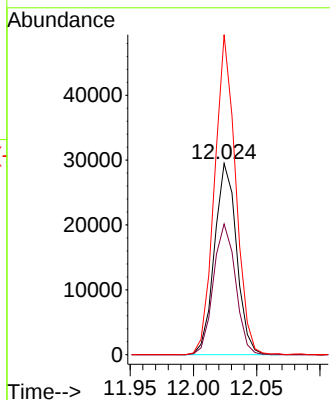
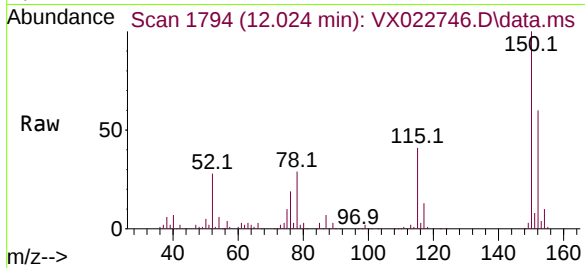




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022746.D
 Acq: 17 Jun 2021 17:26

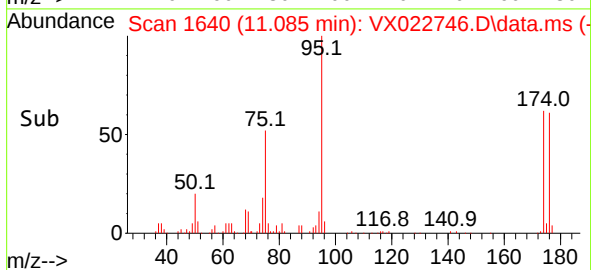
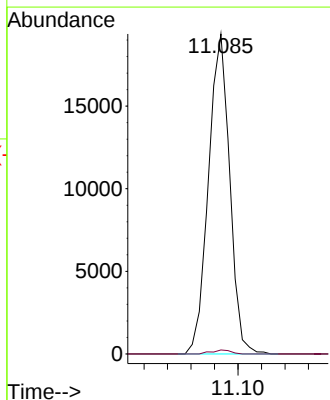
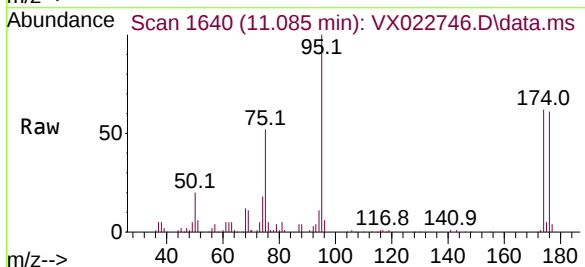
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20210615

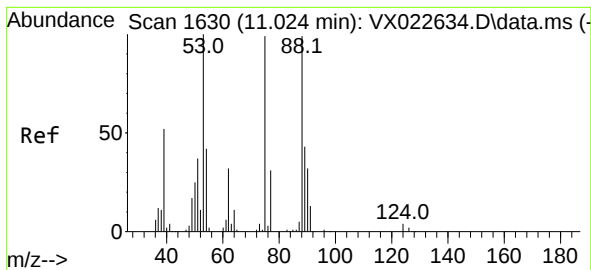
Tgt Ion:152 Resp: 35747
 Ion Ratio Lower Upper
 152 100
 115 68.6 41.1 123.3
 150 159.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.65 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022746.D
 Acq: 17 Jun 2021 17:26

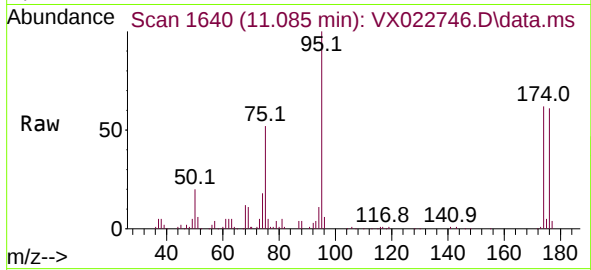
Tgt Ion: 75 Resp: 24309
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.42 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022746.D
 Acq: 17 Jun 2021 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20210615



Tgt Ion: 75 Resp: 24309
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

