

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061721\
 Data File : VX022744.D
 Acq On : 17 Jun 2021 16:39
 Operator : JC/MD
 Sample : M2750-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20210615

Quant Time: Jun 18 01:18:03 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)

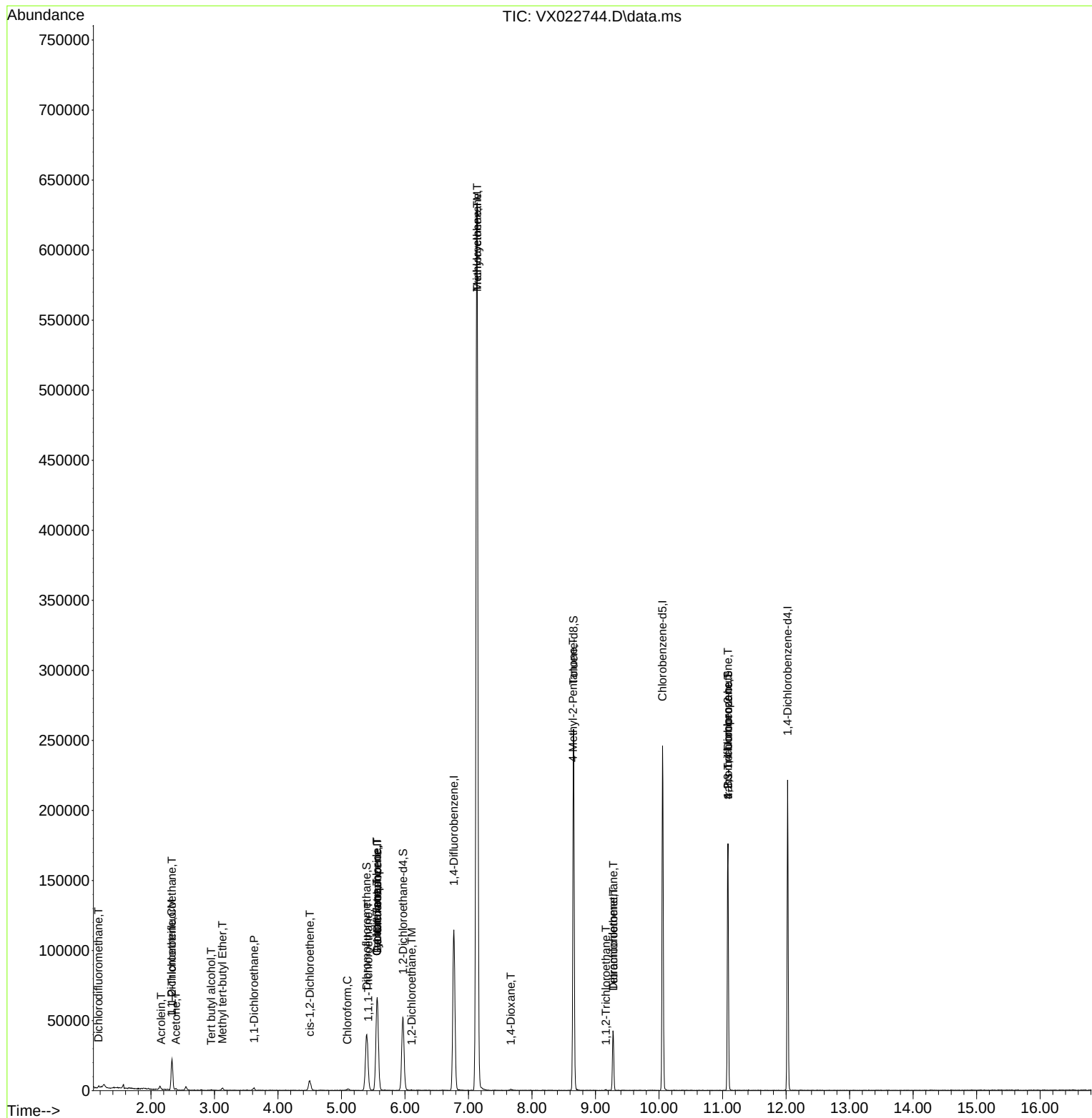
Internal Standards						
1) Pentafluorobenzene	5.562	168	55640	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	112583	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	48383	48.35	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.70%
35) Dibromofluoromethane	5.397	113	34292	47.74	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.48%
50) Toluene-d8	8.653	98	138355	48.86	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.72%
62) 4-Bromofluorobenzene	11.085	95	47624	44.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.94%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	351	0.54	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	7471	10.97	ug/l	87
11) Tert butyl alcohol	2.947	59	130	0.56	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	1711	2.53	ug/l	# 86
13) Acrolein	2.160	56	47	0.48	ug/l	# 69
16) Acetone	2.392	43	859	1.92	ug/l	# 83
19) Methyl tert-butyl Ether	3.123	73	1657	0.71	ug/l	93
20) Methylene Chloride	2.788	84	138	Below	Cal	# 61
24) 1,1-Dichloroethane	3.623	63	2032	1.35	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	4233	4.64	ug/l	90
30) Chloroform	5.093	83	1227	0.82	ug/l	93
31) Cyclohexane	5.556	56	1617	1.34	ug/l	# 1
32) 1,1,1-Trichloroethane	5.422	97	22	0.92	ug/l	# 24
36) 1,1-Dichloropropene	5.562	75	5792	5.16	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	6605	6.88	ug/l	# 16
39) Methylcyclohexane	7.135	83	3061	2.62	ug/l	# 1
42) 1,2-Dichloroethane	6.105	62	293	0.24	ug/l	# 73
44) Trichloroethene	7.135	130	219634	280.35	ug/l	93
49) 1,4-Dioxane	7.665	88	674	32.76	ug/l	# 95
51) 4-Methyl-2-Pentanone	8.647	43	664	0.46	ug/l	# 1
55) 1,1,2-Trichloroethane	9.165	97	225	0.26	ug/l	# 45
60) Dibromochloromethane	9.281	129	7392	11.46	ug/l	# 11
64) Tetrachloroethene	9.281	164	7103	11.13	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	26171	25.55	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26171	64.20	ug/l	# 12

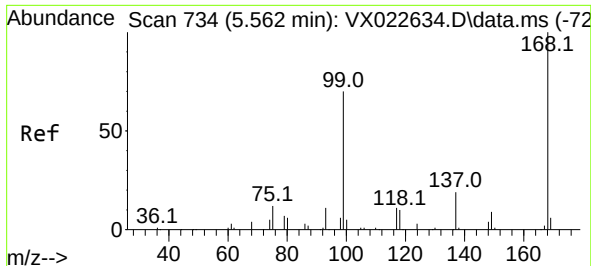
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

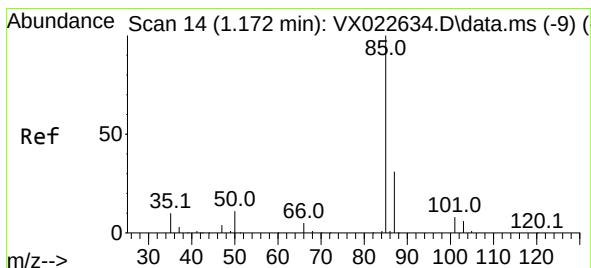
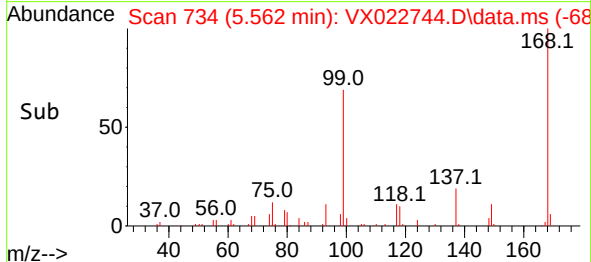
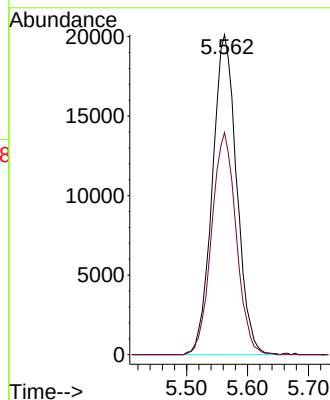
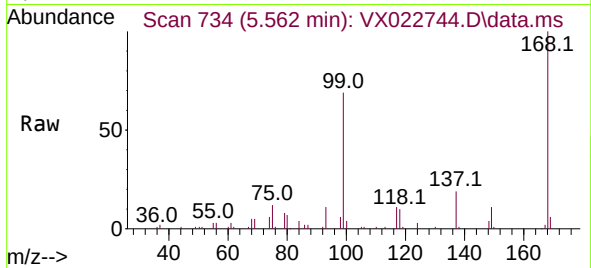




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

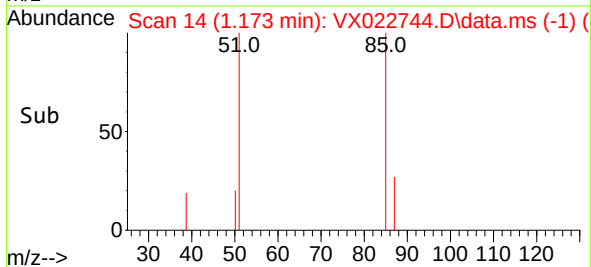
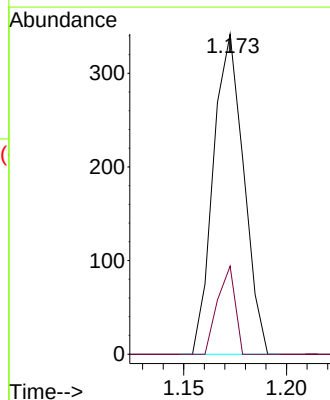
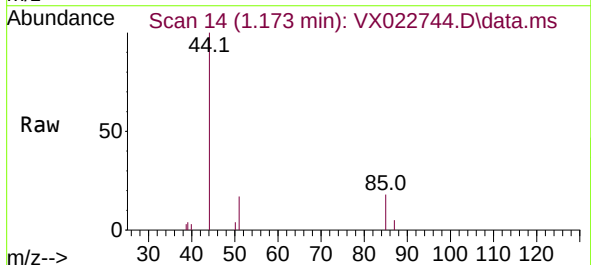
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

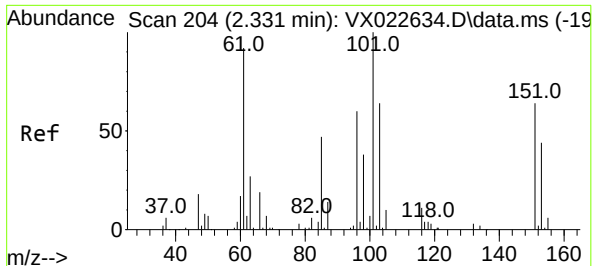
Tgt Ion:168 Resp: 55640
Ion Ratio Lower Upper
168 100
99 69.4 45.8 68.6#



#2
Dichlorodifluoromethane
Concen: 0.54 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 85 Resp: 351
Ion Ratio Lower Upper
85 100
87 27.5 16.4 49.2

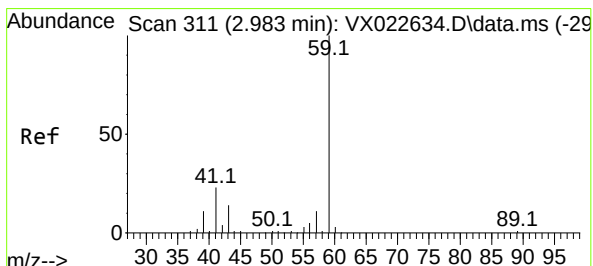
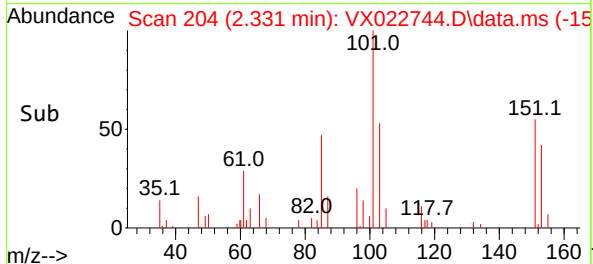
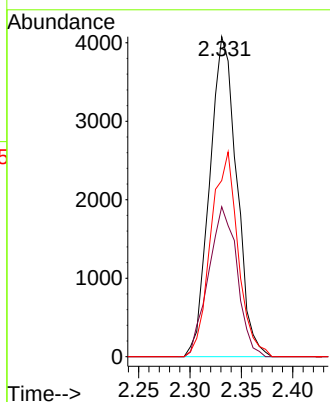
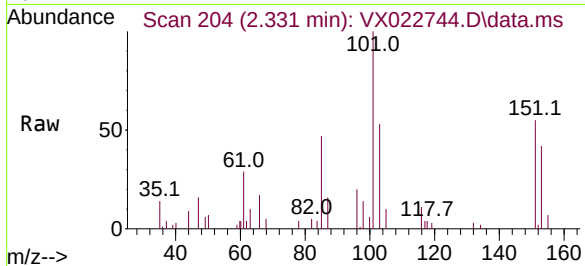




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.97 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

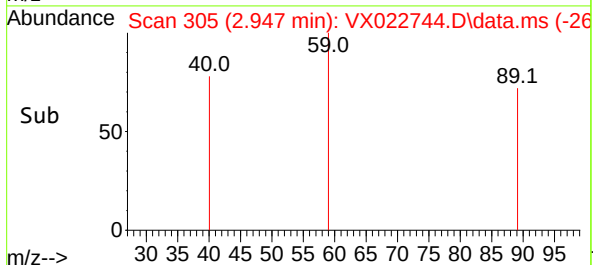
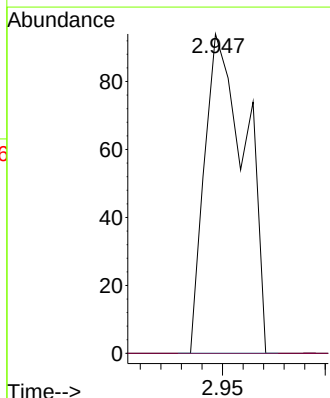
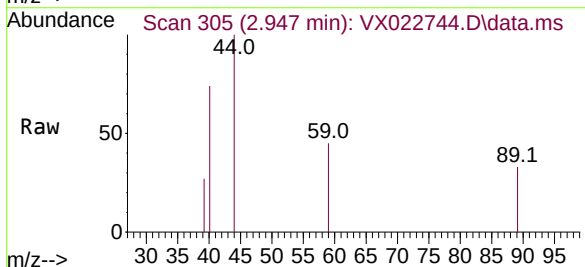
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

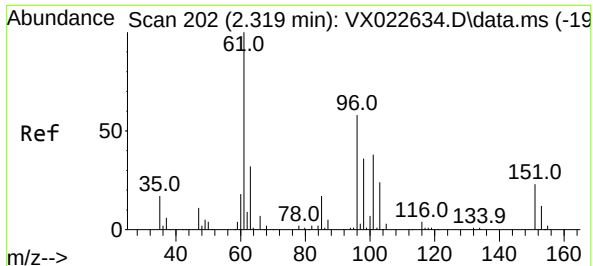
Tgt Ion:101 Resp: 7471
Ion Ratio Lower Upper
101 100
85 49.3 34.9 52.3
151 64.2 61.4 92.2



#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 59 Resp: 130
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 2.53 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

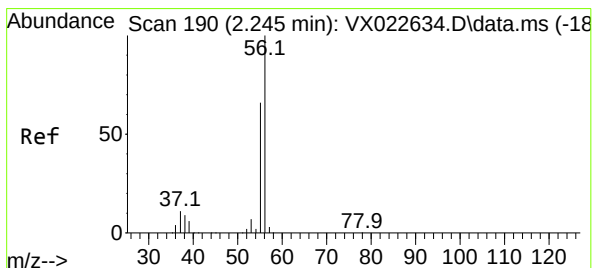
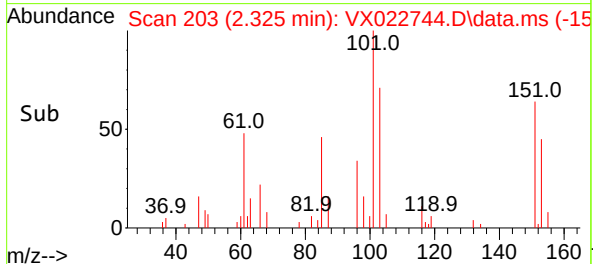
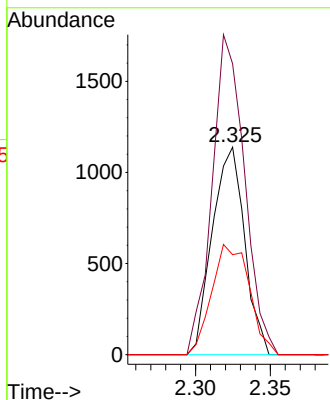
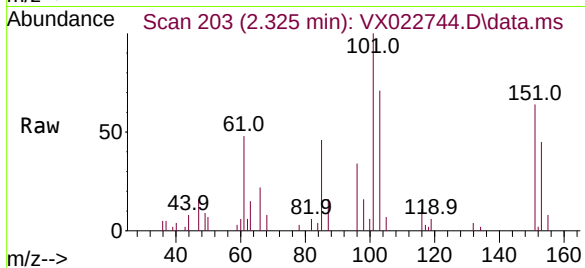
Tgt Ion: 96 Resp: 1711

Ion Ratio Lower Upper

96 100

61 140.1 124.6 187.0

98 48.2 50.6 76.0#



#13

Acrolein

Concen: 0.48 ug/l

RT: 2.160 min Scan# 176

Delta R.T. -0.079 min

Lab File: VX022744.D

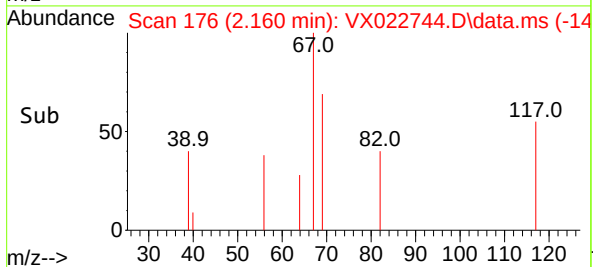
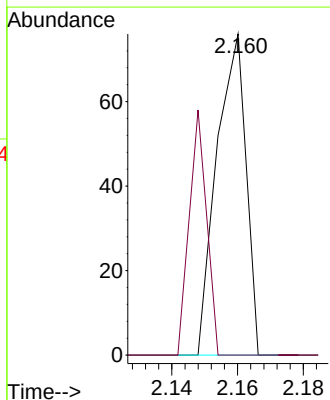
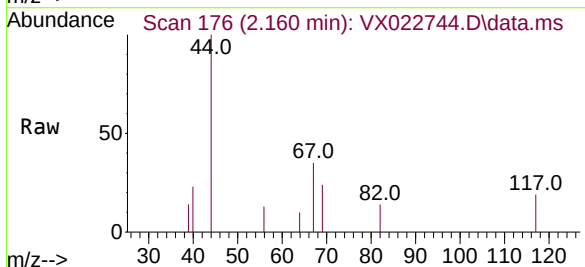
Acq: 17 Jun 2021 16:39

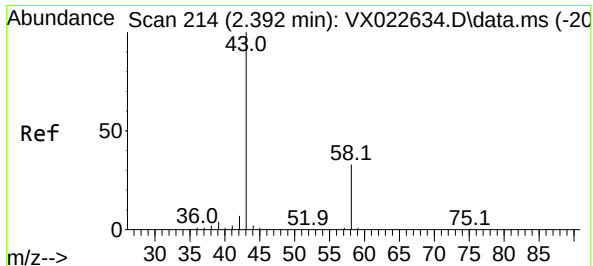
Tgt Ion: 56 Resp: 47

Ion Ratio Lower Upper

56 100

55 44.7 56.4 84.6#

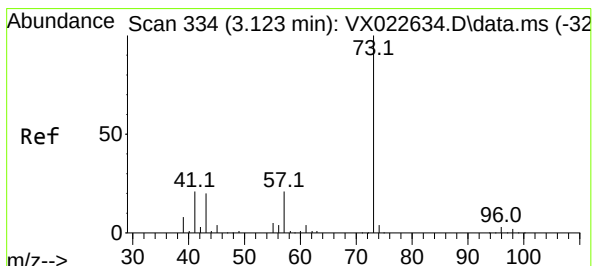
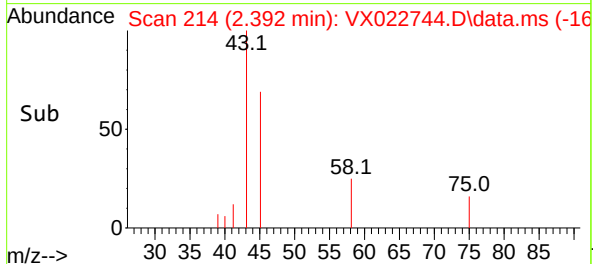
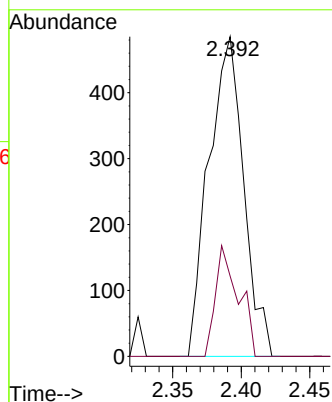
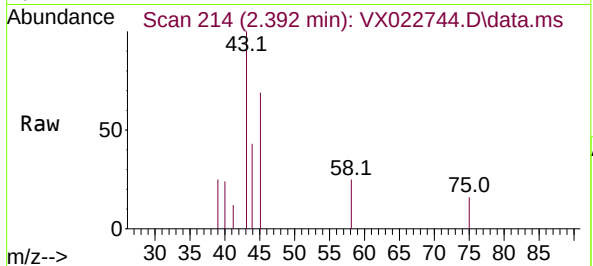




#16
Acetone
Concen: 1.92 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

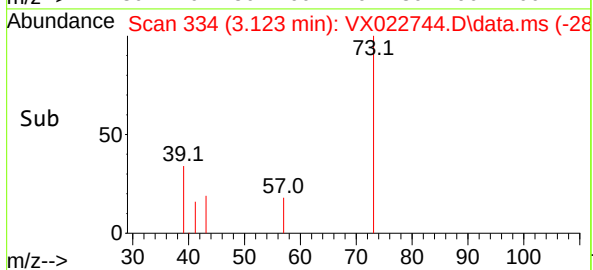
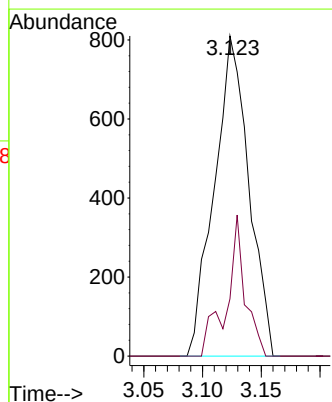
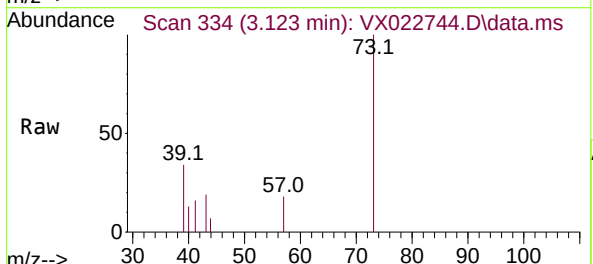
Instrument :
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ClientSampleId :
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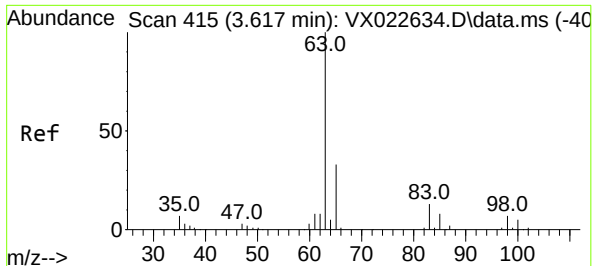
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 25.2 27.8 41.8#



#19
Methyl tert-butyl Ether
Concen: 0.71 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 73 Resp: 1657
Ion Ratio Lower Upper
73 100
57 17.9 17.1 25.7

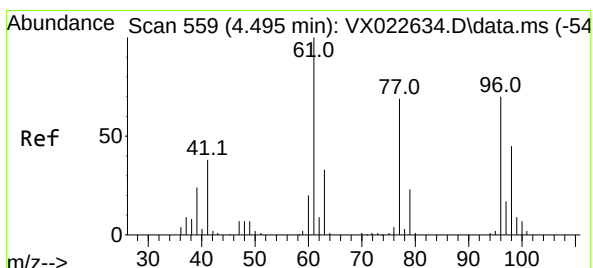
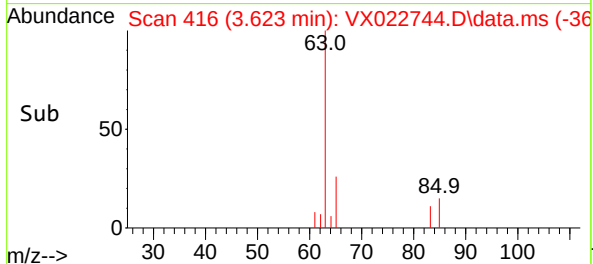
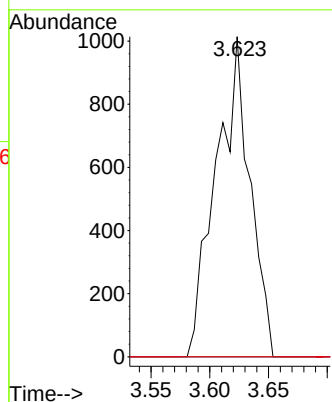
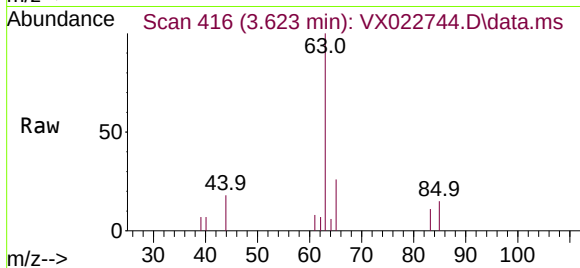




#24
1,1-Dichloroethane
Concen: 1.35 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

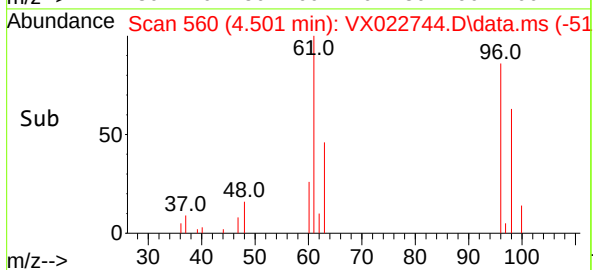
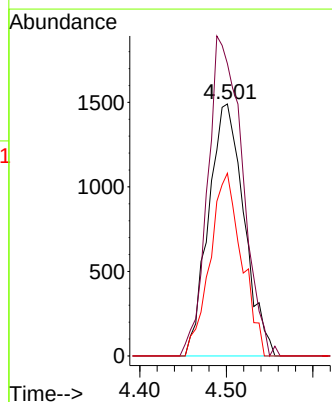
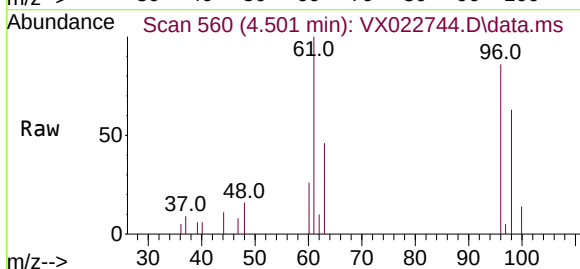
Instrument :
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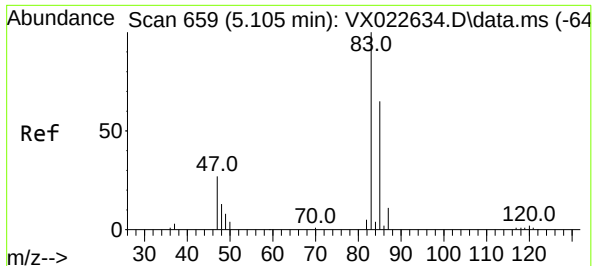
Tgt Ion: 63 Resp: 2032
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 4.64 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 96 Resp: 4233
Ion Ratio Lower Upper
96 100
61 124.4 0.0 285.6
98 65.3 0.0 129.6





#30

Chloroform

Concen: 0.82 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.012 min

Lab File: VX022744.D

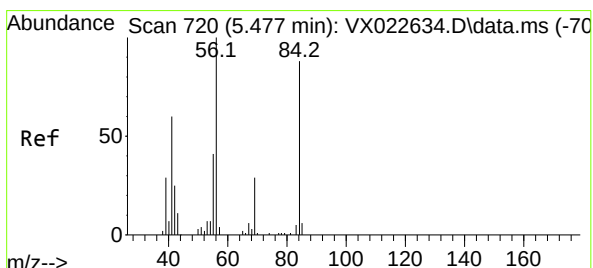
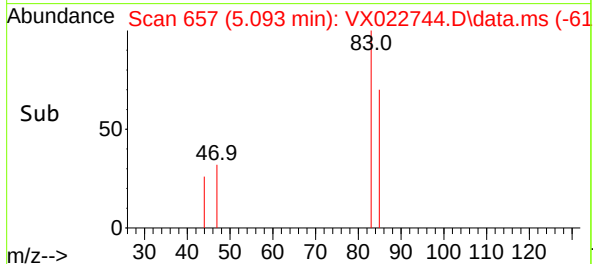
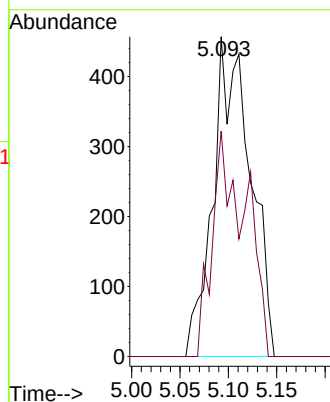
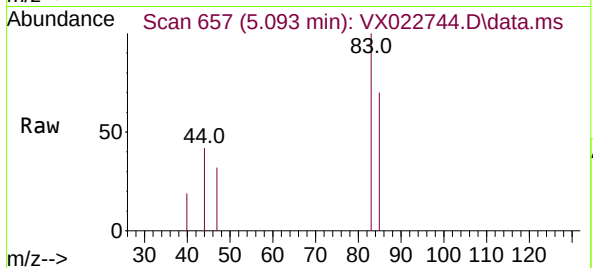
Acq: 17 Jun 2021 16:39

Tgt Ion: 83 Resp: 1227

Ion Ratio Lower Upper

83 100

85 70.5 52.0 78.0



#31

Cyclohexane

Concen: 1.34 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

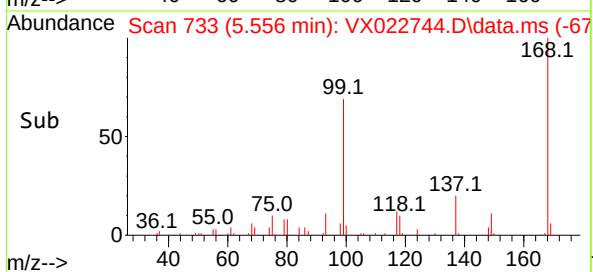
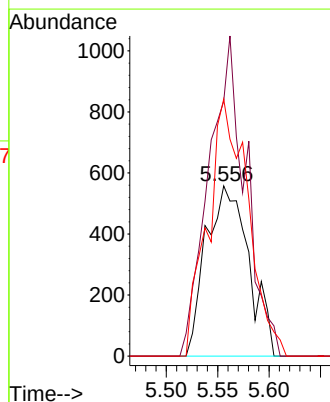
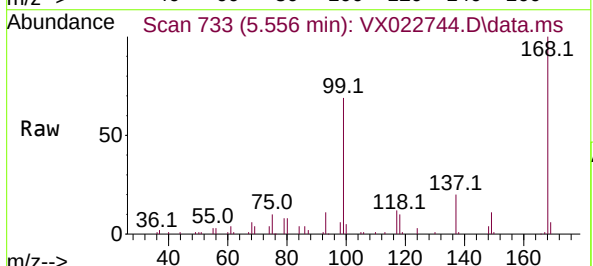
Tgt Ion: 56 Resp: 1617

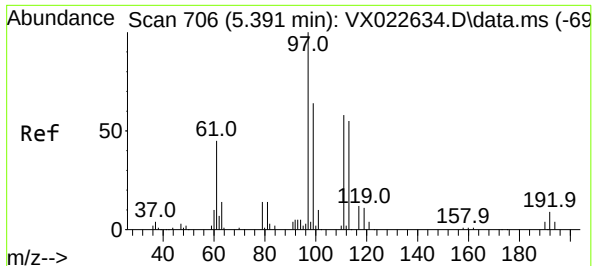
Ion Ratio Lower Upper

56 100

69 149.6 25.3 37.9#

84 150.9 71.4 107.0#





#32

1,1,1-Trichloroethane

Concen: 0.92 ug/l

RT: 5.422 min Scan# 711

Delta R.T. 0.031 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

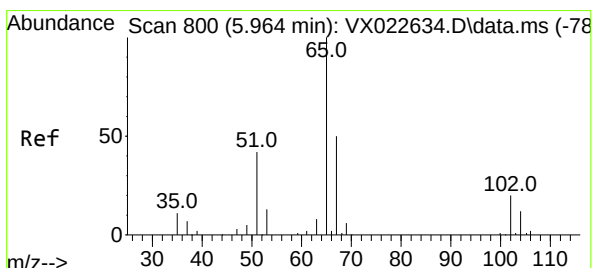
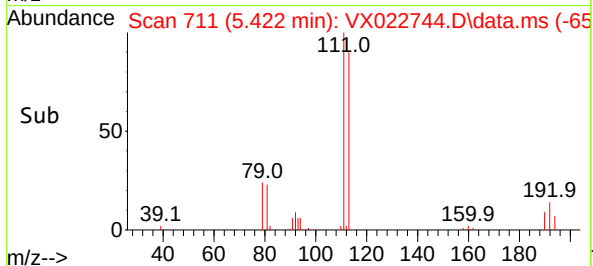
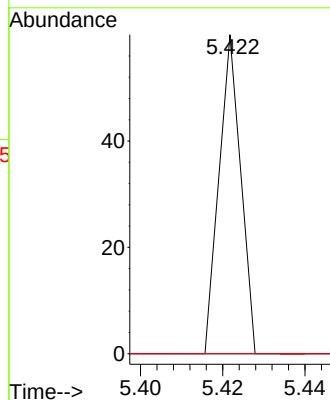
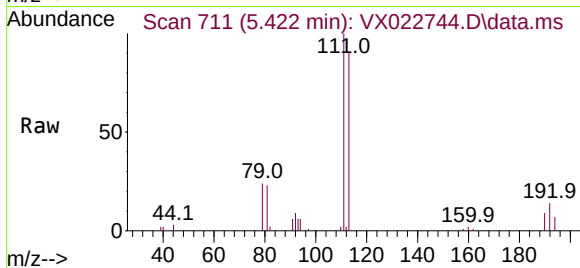
Tgt Ion: 97	Resp: 22
Ion Ratio	Lower Upper
97 100	
99 0.0	51.5 77.3#
61 0.0	34.2 51.4#

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20210615



#33

1,2-Dichloroethane-d4

Concen: 48.35 ug/l

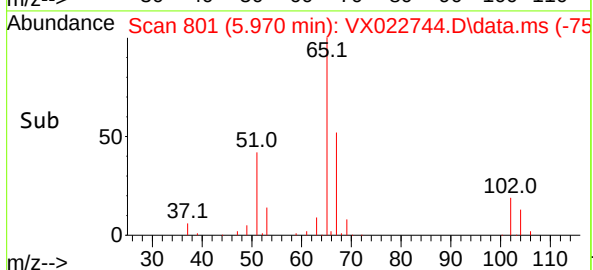
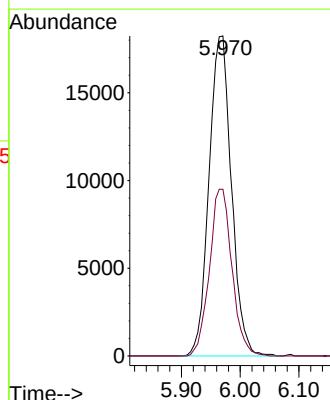
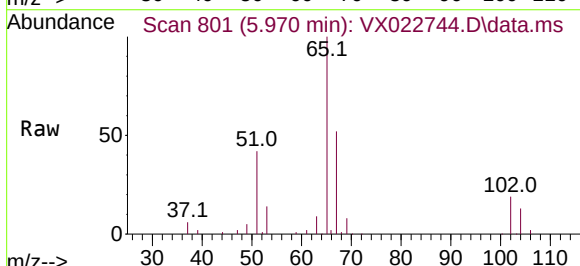
RT: 5.970 min Scan# 801

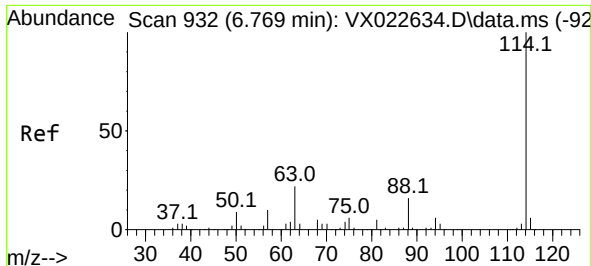
Delta R.T. 0.006 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

Tgt Ion: 65	Resp: 48383
Ion Ratio	Lower Upper
65 100	
67 52.3	0.0 105.4

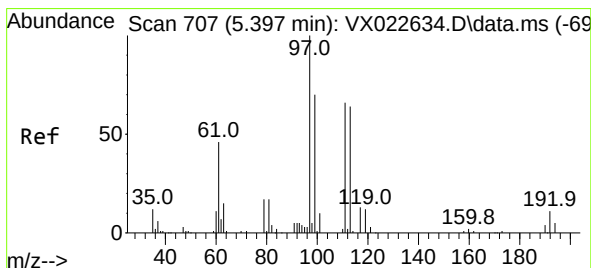
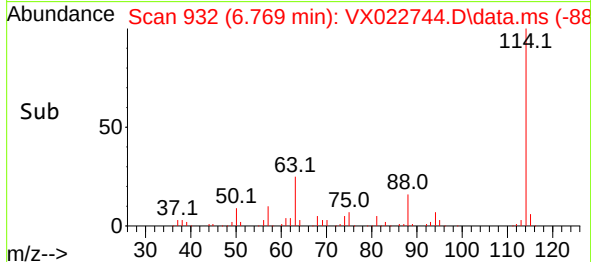
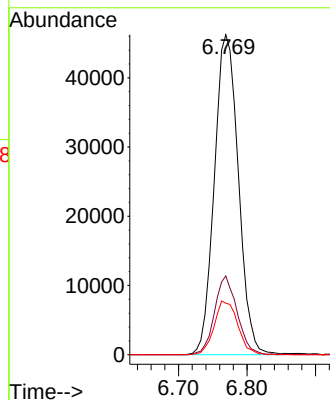
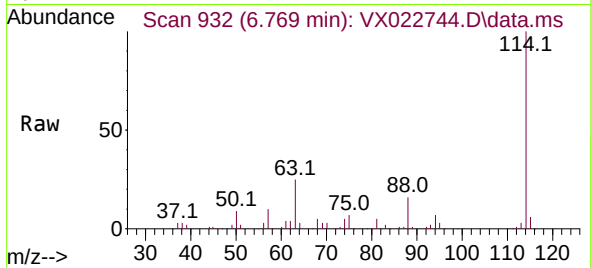




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

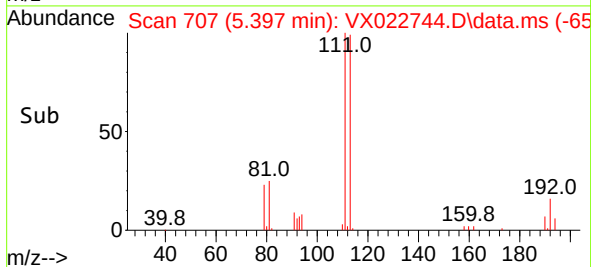
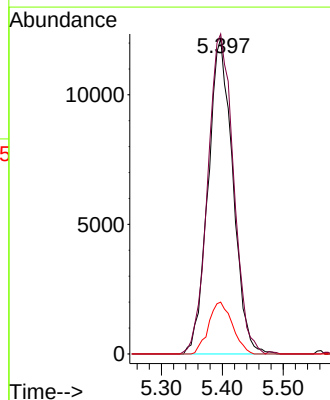
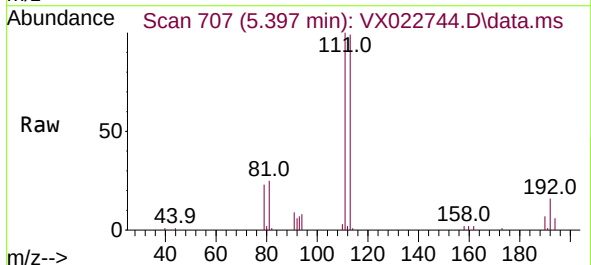
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

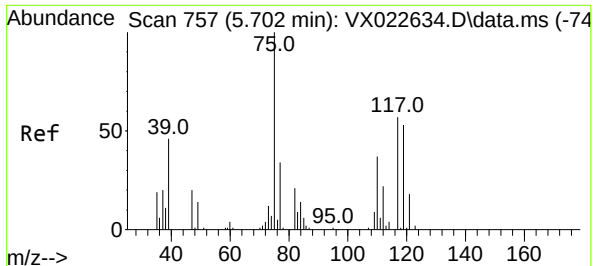
Tgt Ion:114 Resp: 112583
Ion Ratio Lower Upper
114 100
63 24.6 0.0 40.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.74 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion:113 Resp: 34292
Ion Ratio Lower Upper
113 100
111 105.7 81.9 122.9
192 15.8 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.16 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

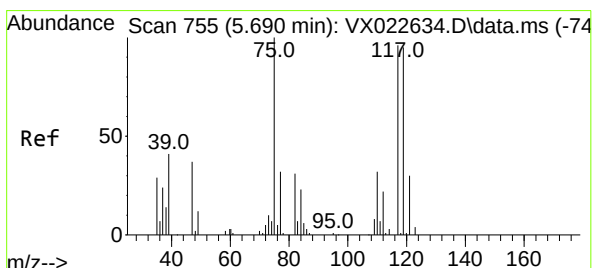
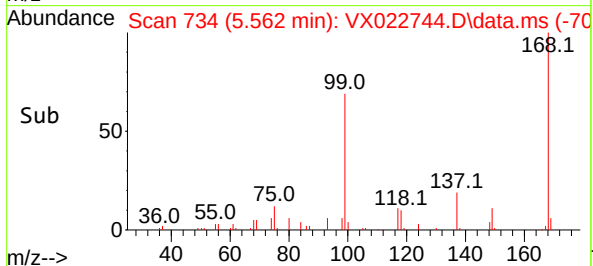
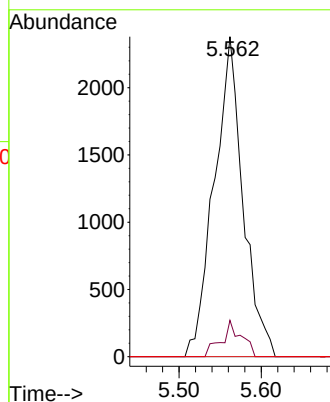
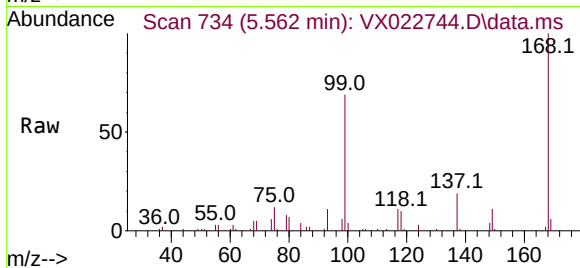
Tgt Ion:	75	Resp:	5792
Ion	Ratio	Lower	Upper
75	100		
110	7.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20210615



#38

Carbon Tetrachloride

Concen: 6.88 ug/l

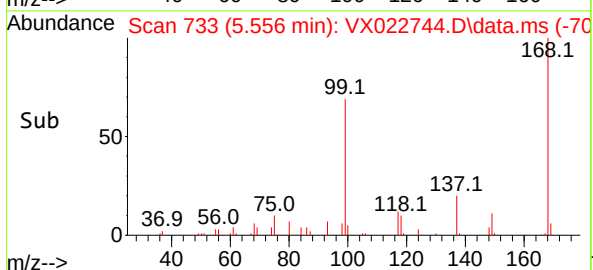
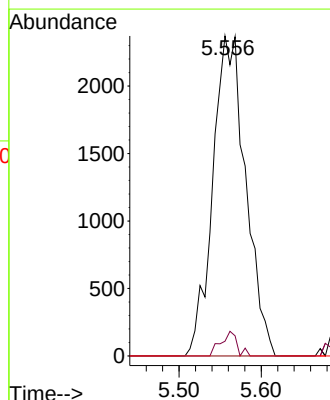
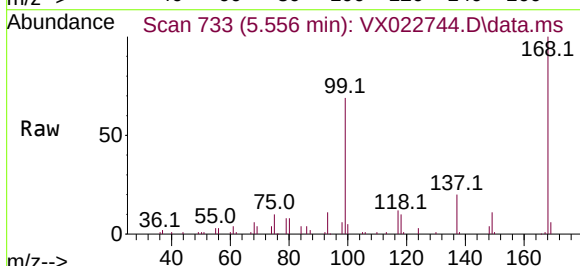
RT: 5.556 min Scan# 733

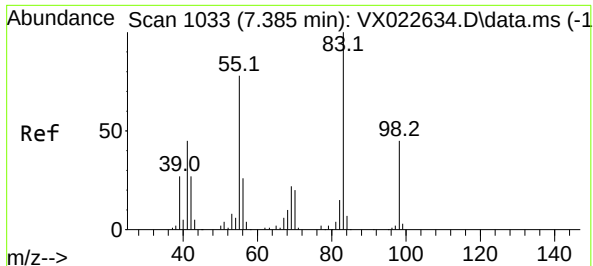
Delta R.T. -0.122 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

Tgt Ion:	117	Resp:	6605
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.2#
121	0.0	24.8	37.2#





#39

Methylcyclohexane

Concen: 2.62 ug/l

RT: 7.135 min Scan# 992

Delta R.T. -0.250 min

Lab File: VX022744.D

Acq: 17 Jun 2021 16:39

Tgt Ion: 83 Resp: 3061

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

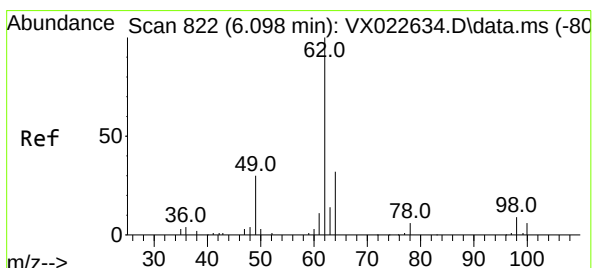
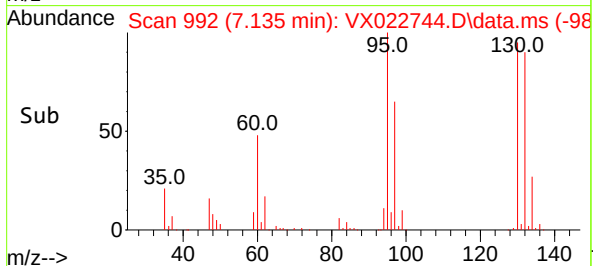
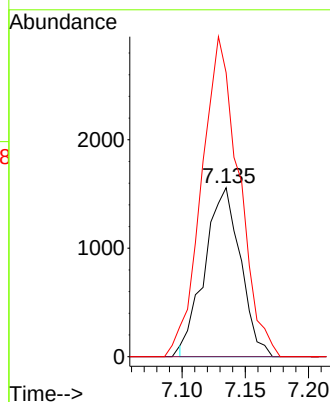
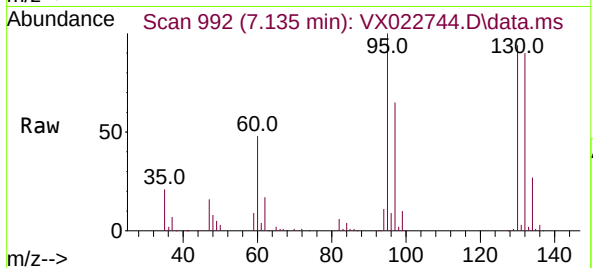
98 168.1 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20210615



#42

1,2-Dichloroethane

Concen: 0.24 ug/l

RT: 6.105 min Scan# 823

Delta R.T. 0.007 min

Lab File: VX022744.D

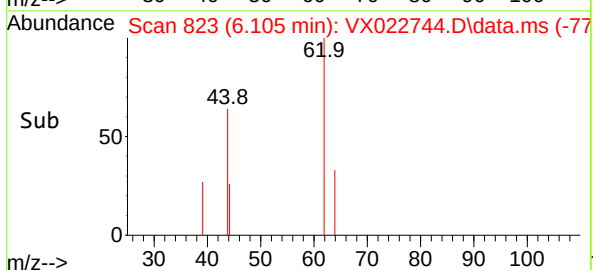
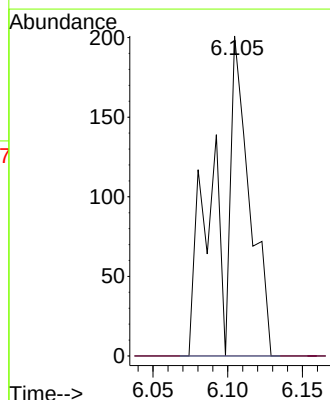
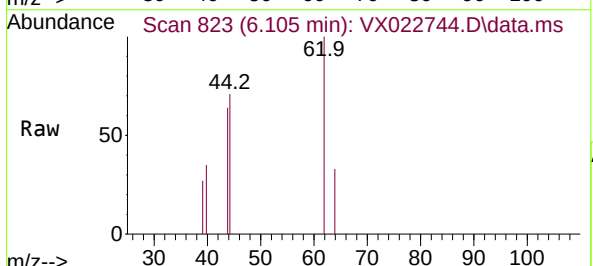
Acq: 17 Jun 2021 16:39

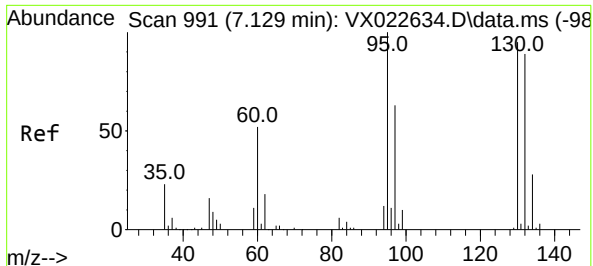
Tgt Ion: 62 Resp: 293

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2

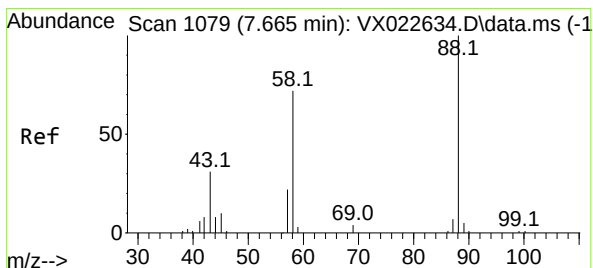
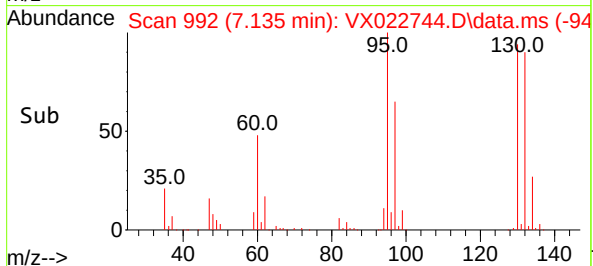
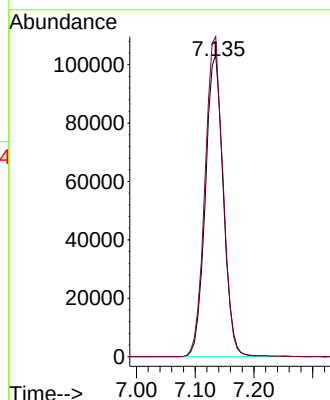
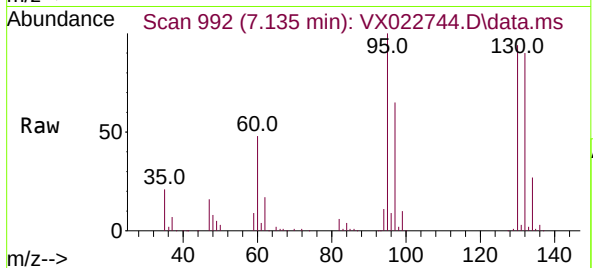




#44
Trichloroethene
Concen: 280.35 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

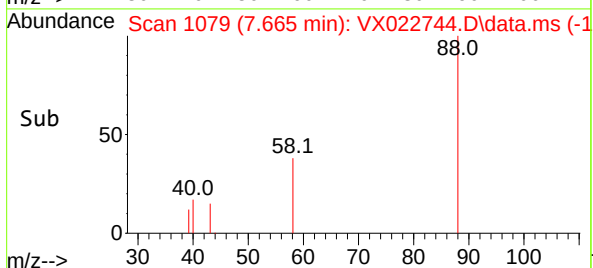
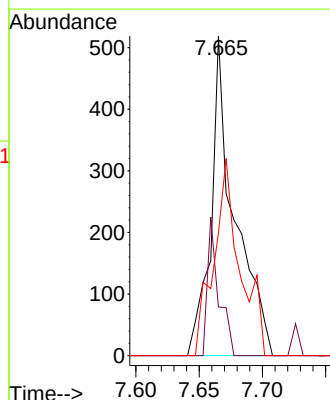
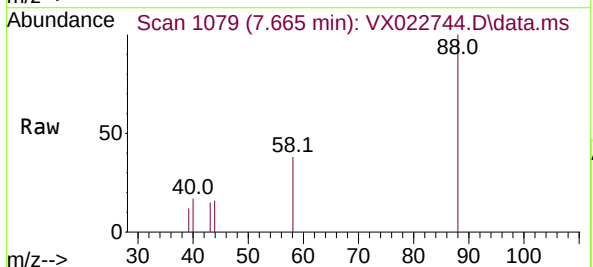
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

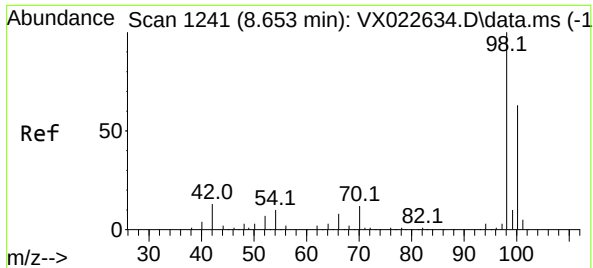
Tgt Ion:130 Resp: 219634
Ion Ratio Lower Upper
130 100
95 106.0 0.0 198.0



#49
1,4-Dioxane
Concen: 32.76 ug/l
RT: 7.665 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 88 Resp: 674
Ion Ratio Lower Upper
88 100
43 20.8 23.2 34.8#
58 68.5 55.0 82.4

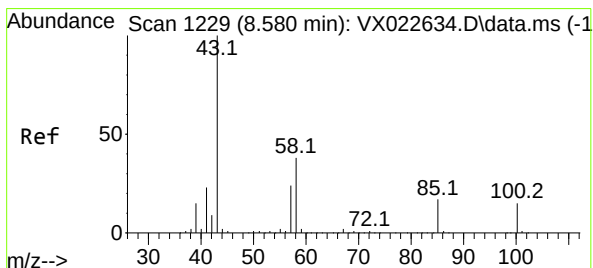
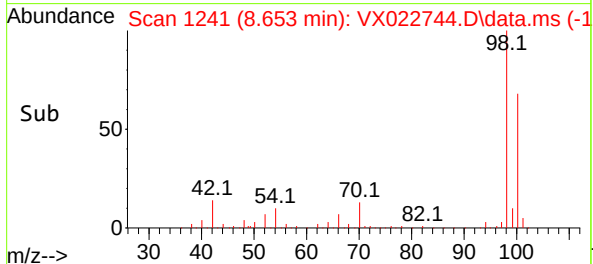
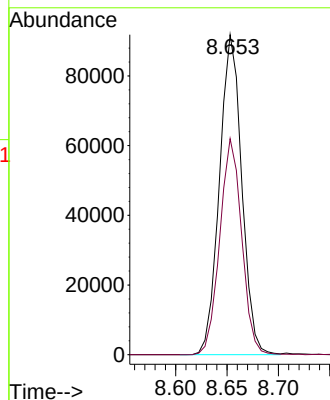
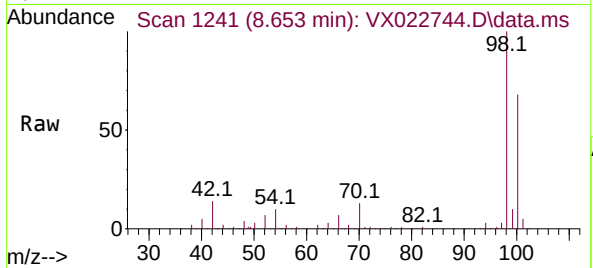




#50
Toluene-d8
Concen: 48.86 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

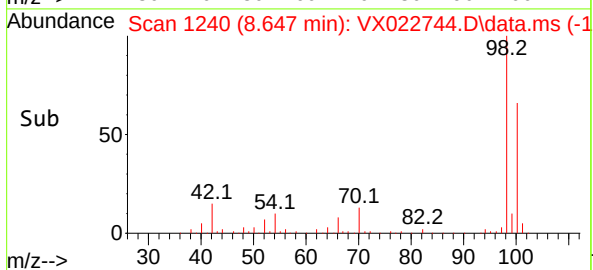
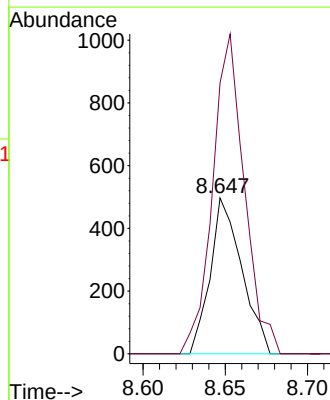
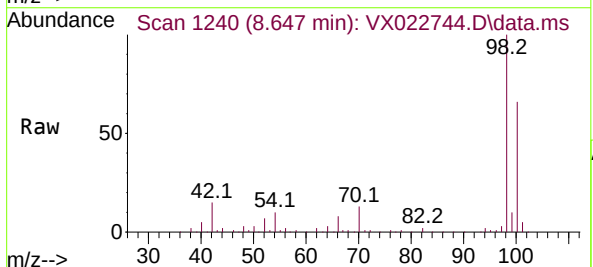
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

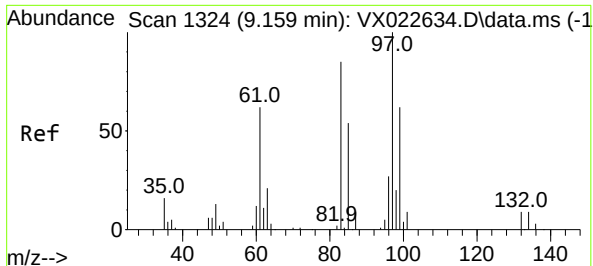
Tgt Ion: 98 Resp: 138355
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 206.3 35.4 53.0#

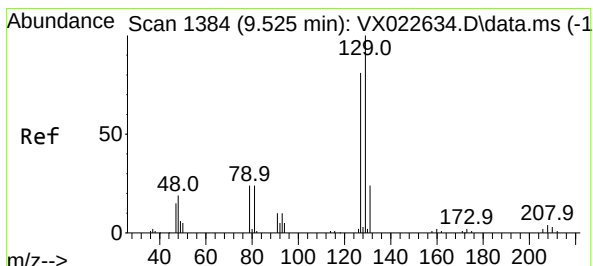
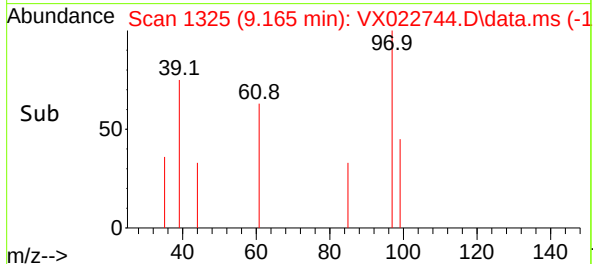
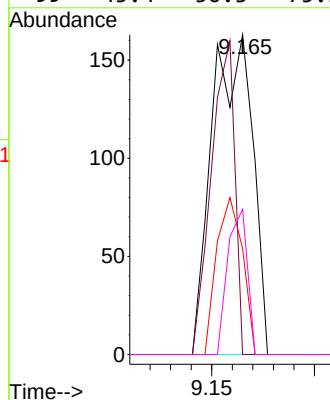
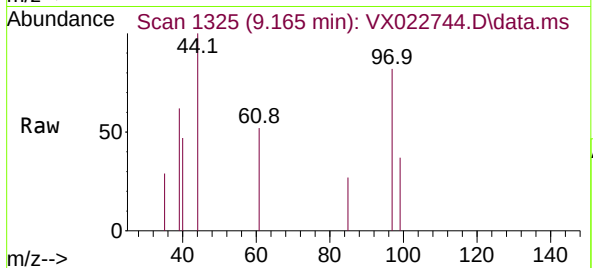




#55
1,1,2-Trichloroethane
Concen: 0.26 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

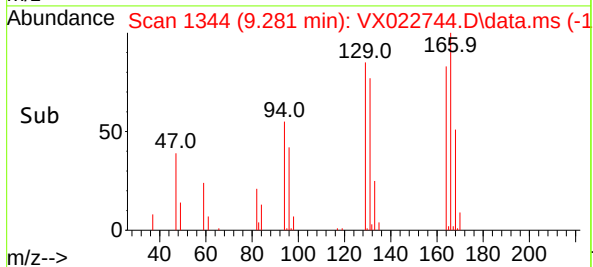
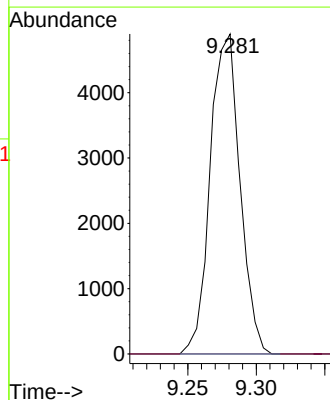
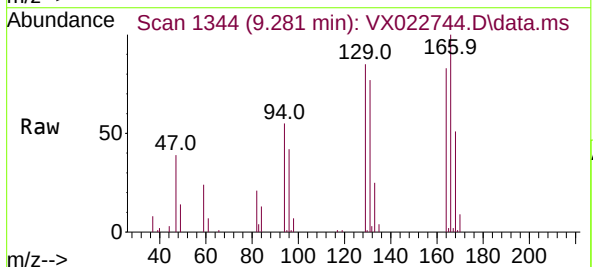
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

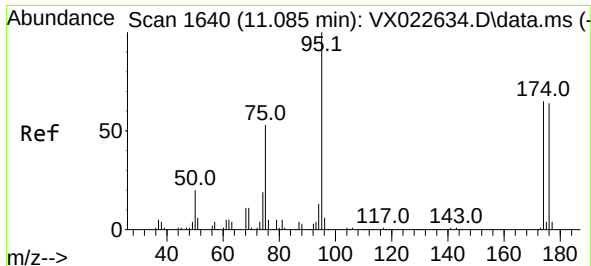
Tgt Ion: 97	Resp: 225
Ion Ratio	Lower Upper
97 100	
83 0.0	69.3 103.9#
85 33.1	44.3 66.5#
99 45.4	50.3 75.5#



#60
Dibromochloromethane
Concen: 11.46 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion:129	Resp:	7392	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.4	115.2#

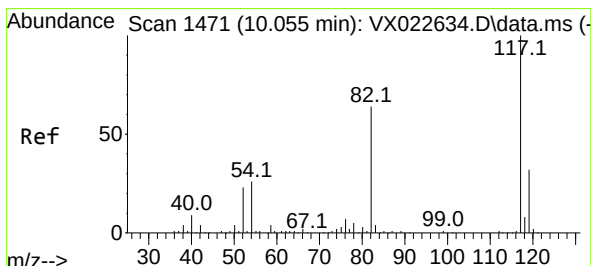
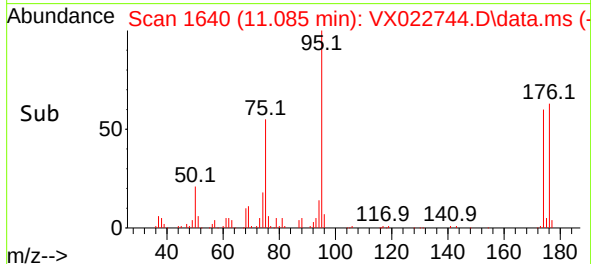
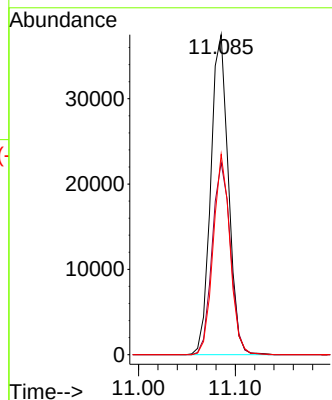
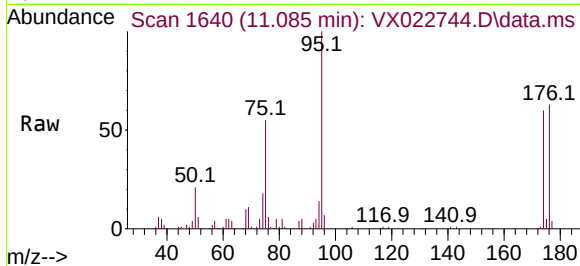




#62
4-Bromofluorobenzene
Concen: 44.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

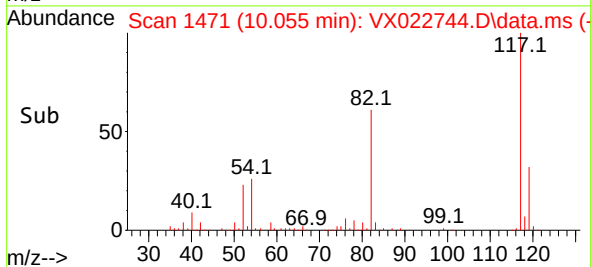
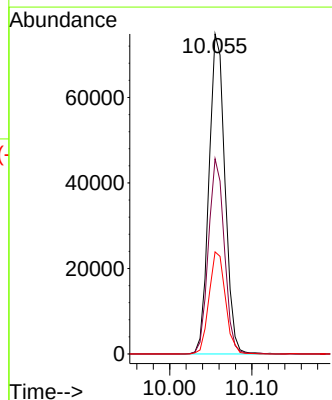
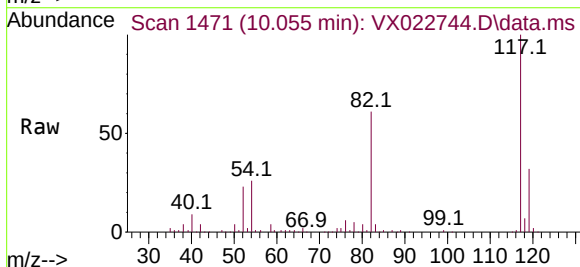
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

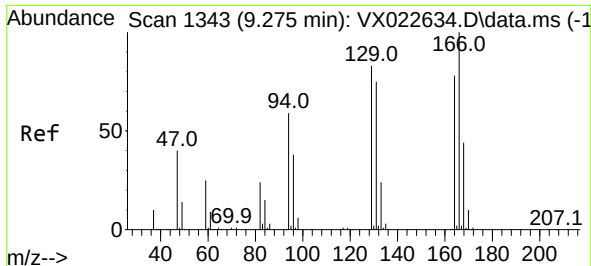
Tgt Ion: 95 Resp: 47624
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 59.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 117 Resp: 100872
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.9 26.6 39.8



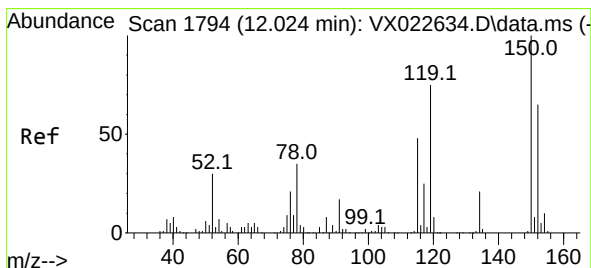
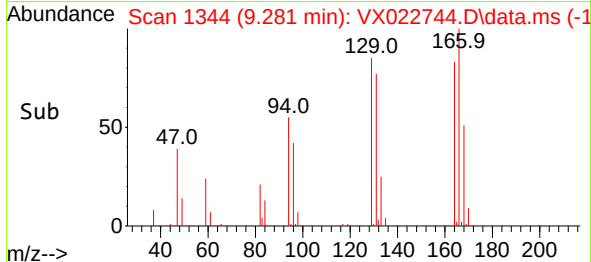
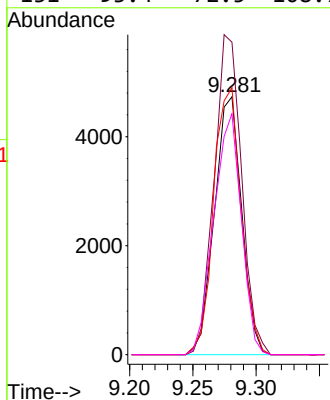
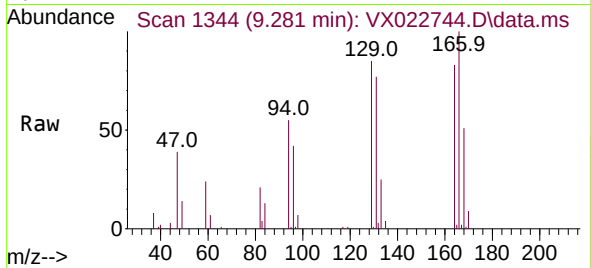


#64
Tetrachloroethene
Concen: 11.13 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

Tgt Ion:164 Resp: 7103

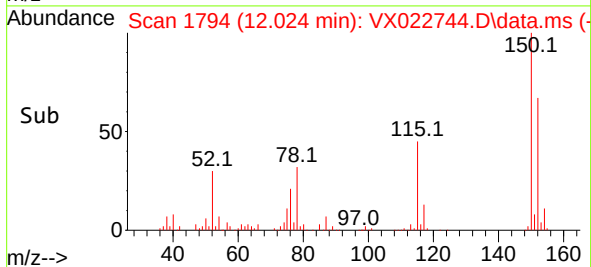
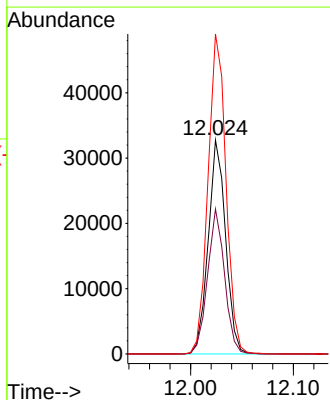
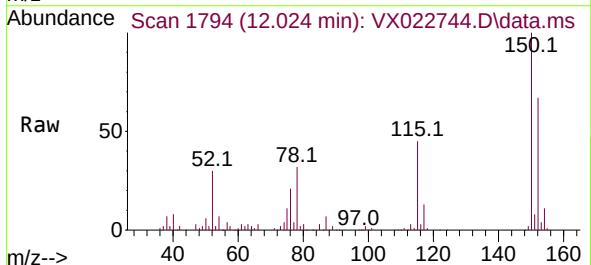
Ion	Ratio	Lower	Upper
164	100		
166	121.2	103.4	155.2
129	103.5	70.8	106.2
131	93.4	72.5	108.7

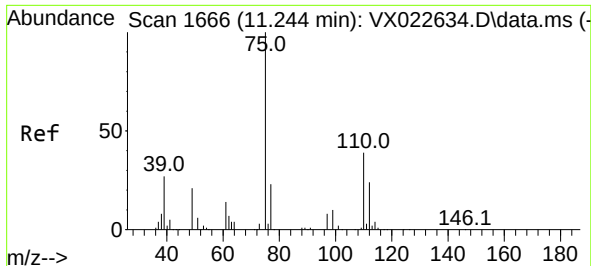


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion:152 Resp: 38632

Ion	Ratio	Lower	Upper
152	100		
115	66.3	41.1	123.3
150	153.9	0.0	349.0

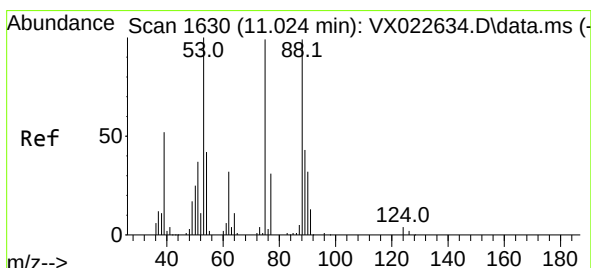
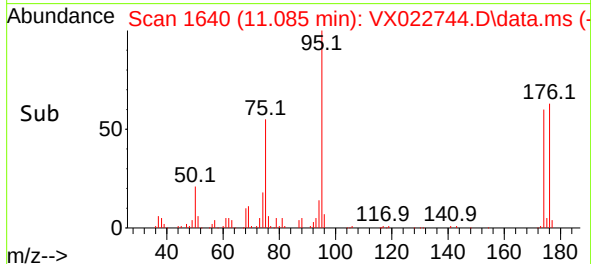
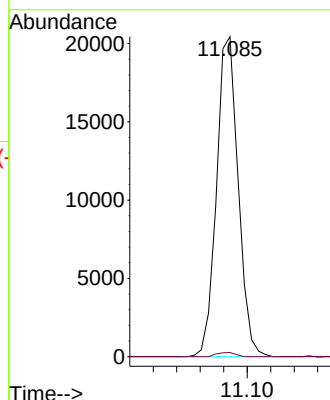
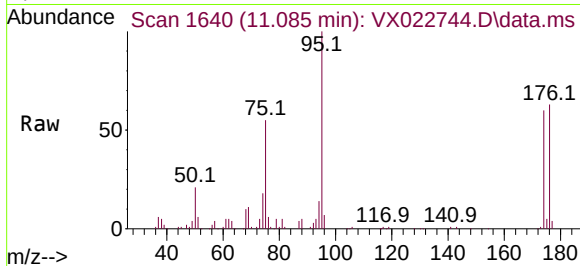




#76
1,2,3-Trichloropropane
Concen: 25.55 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615

Tgt Ion: 75 Resp: 26171
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.20 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022744.D
Acq: 17 Jun 2021 16:39

Tgt Ion: 75 Resp: 26171
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

