

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062121\
 Data File : VX022798.D
 Acq On : 21 Jun 2021 16:35
 Operator : JC/MD
 Sample : M2783-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE117D1-20210617

Quant Time: Jun 22 01:14:19 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)

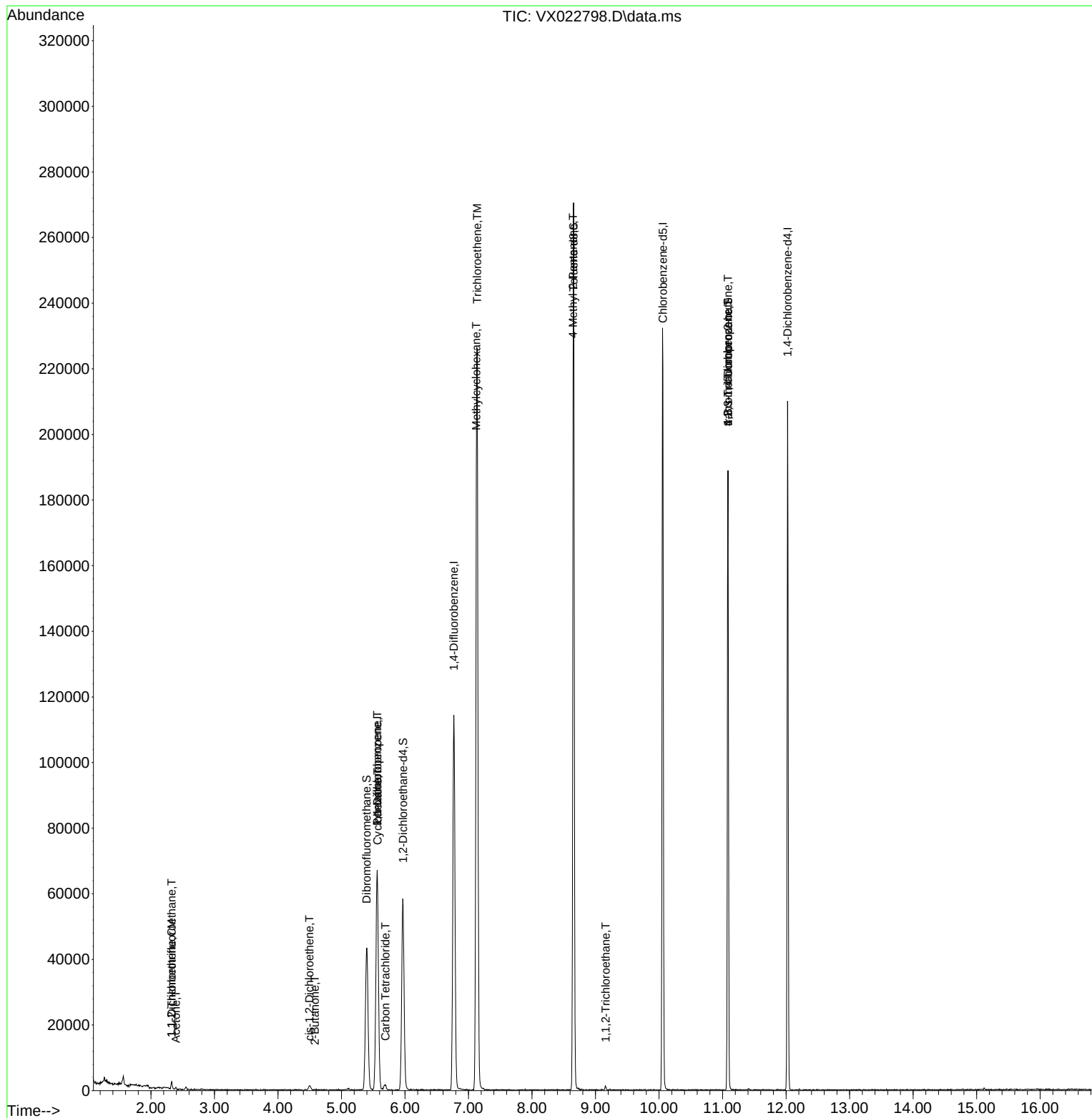
Internal Standards						
1) Pentafluorobenzene	5.562	168	54602	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	109875	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	97937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	35863	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	52405	53.365	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.740%	
35) Dibromofluoromethane	5.397	113	36719	52.379	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	8.653	98	149308	54.029	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	11.085	95	49172	47.048	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.100%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	347	0.519	ug/l	# 81
12) 1,1-Dichloroethene	2.325	96	501	0.756	ug/l	85
16) Acetone	2.392	43	552	1.255	ug/l	92
20) Methylene Chloride	2.800	84	80	Below Cal	#	38
25) 2-Butanone	4.580	43	218	0.306	ug/l	# 45
27) cis-1,2-Dichloroethene	4.495	96	818	0.914	ug/l	89
31) Cyclohexane	5.568	56	1656	1.398	ug/l	# 16
36) 1,1-Dichloropropene	5.562	75	5394	4.927	ug/l	# 47
38) Carbon Tetrachloride	5.690	117	1324	1.414	ug/l	# 82
39) Methylcyclohexane	7.123	83	1078	0.944	ug/l	# 1
44) Trichloroethene	7.135	130	80230	104.932	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	765	0.548	ug/l	# 1
55) 1,1,2-Trichloroethane	9.159	97	398	0.480	ug/l	# 69
76) 1,2,3-Trichloropropane	11.085	75	27979	29.425	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27979	73.026	ug/l	# 12

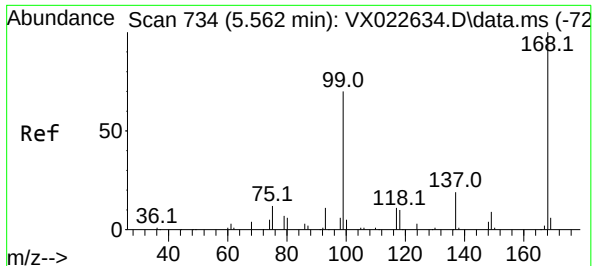
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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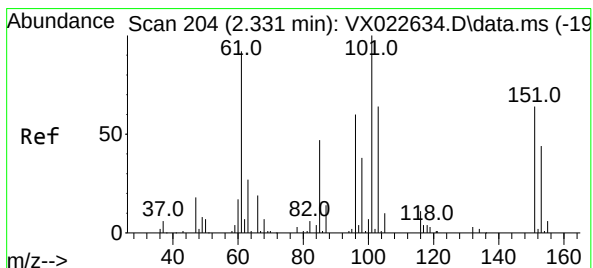
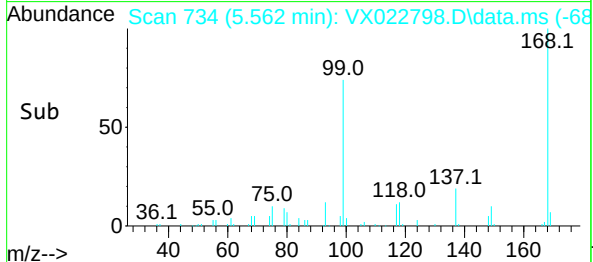
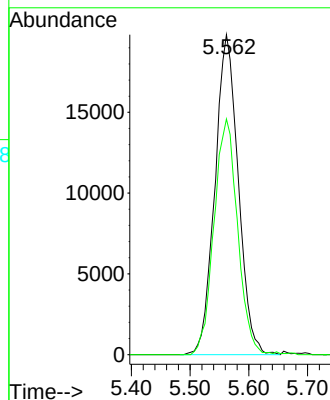
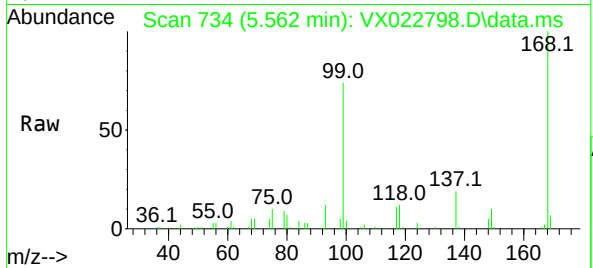




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

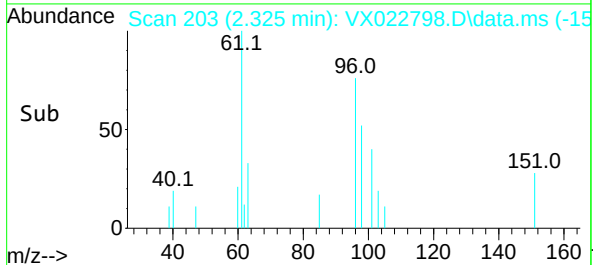
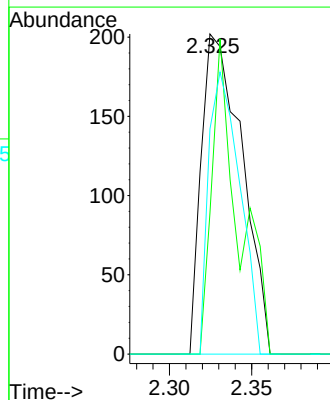
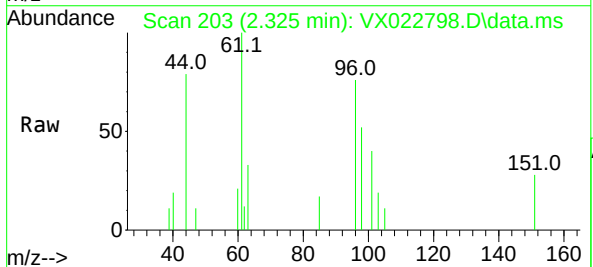
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617

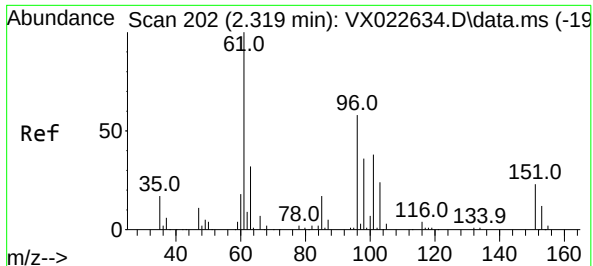
Tgt Ion:168 Resp: 54602
Ion Ratio Lower Upper
168 100
99 73.6 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.519 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Tgt Ion:101 Resp: 347
Ion Ratio Lower Upper
101 100
85 64.3 34.9 52.3#
151 67.4 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.756 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX022798.D

Acq: 21 Jun 2021 16:35

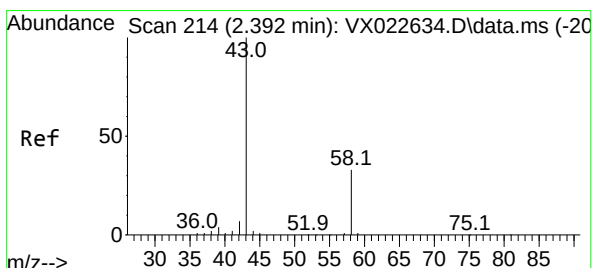
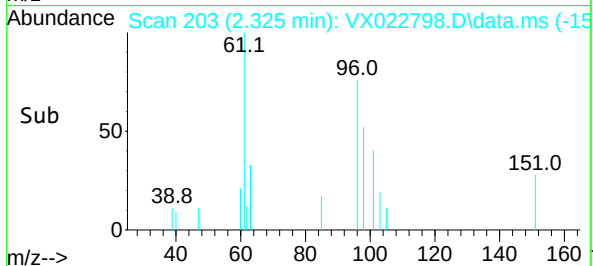
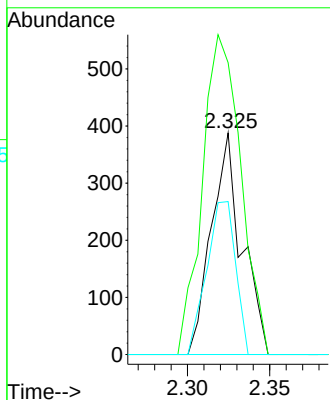
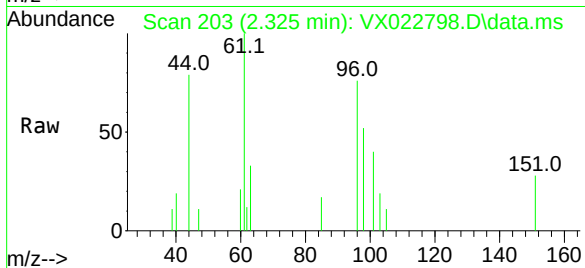
Tgt Ion: 96 Resp: 501

Ion Ratio Lower Upper

96 100

61 131.7 124.6 187.0

98 69.1 50.6 76.0



#16

Acetone

Concen: 1.255 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022798.D

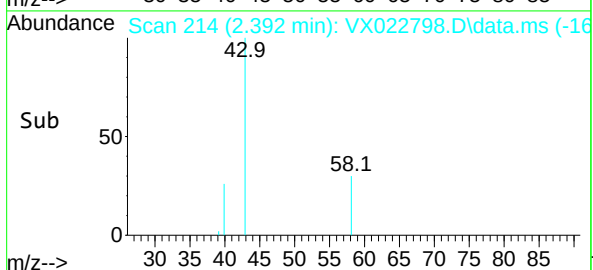
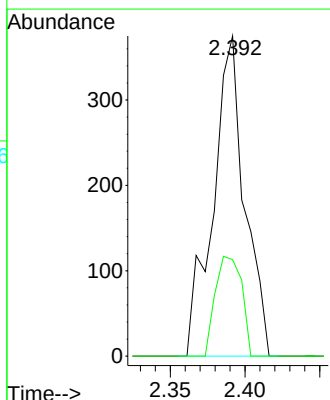
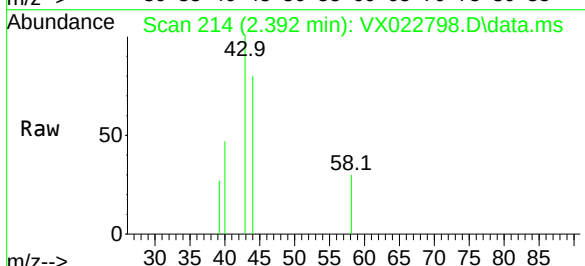
Acq: 21 Jun 2021 16:35

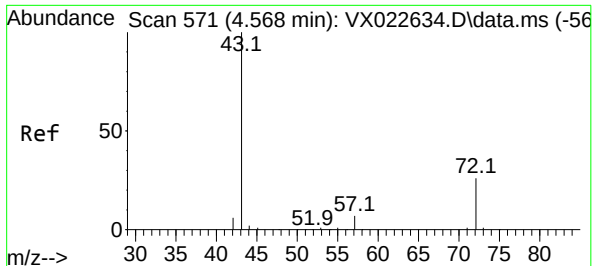
Tgt Ion: 43 Resp: 552

Ion Ratio Lower Upper

43 100

58 30.1 27.8 41.8

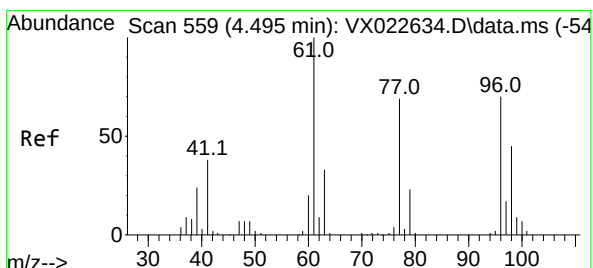
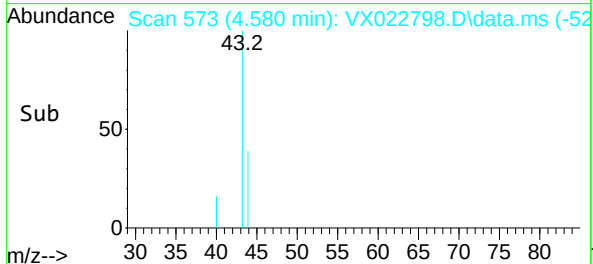
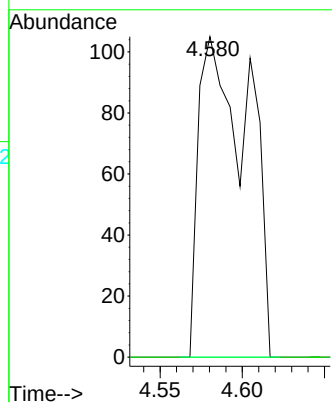
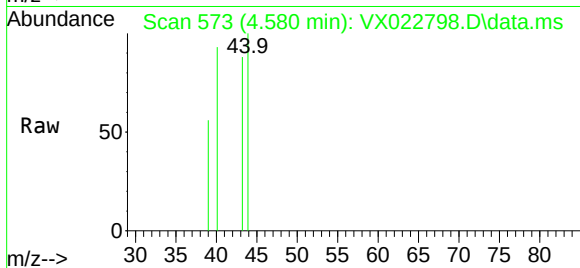




#25
2-Butanone
Concen: 0.306 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

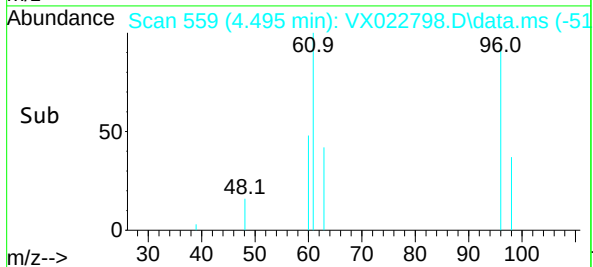
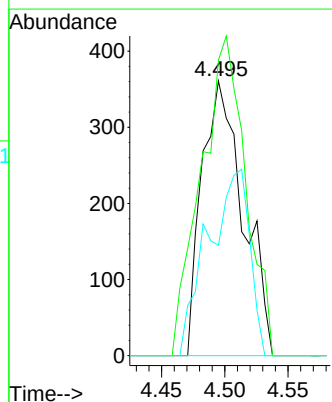
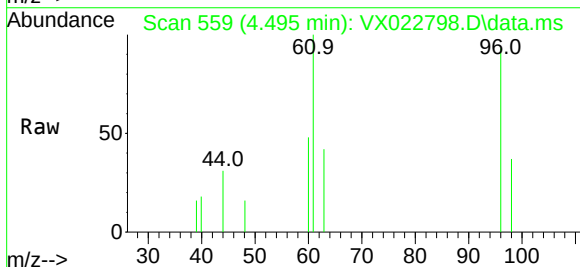
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617

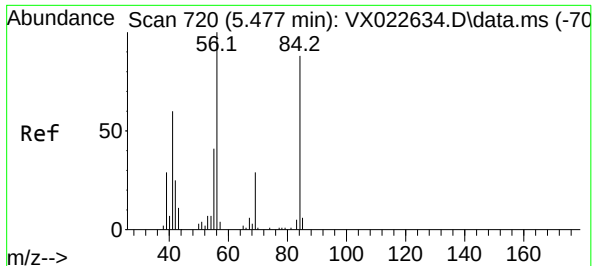
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#27
cis-1,2-Dichloroethene
Concen: 0.914 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

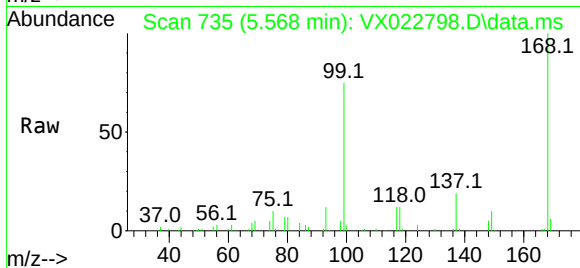
Tgt Ion: 96 Resp: 818
Ion Ratio Lower Upper
96 100
61 125.8 0.0 285.6
98 68.3 0.0 129.6



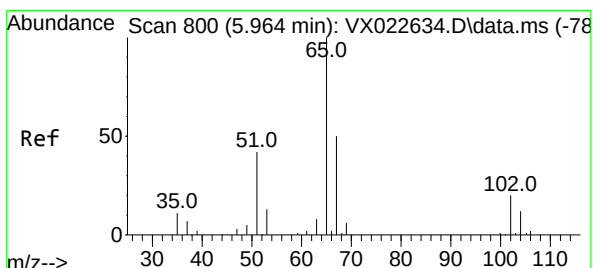
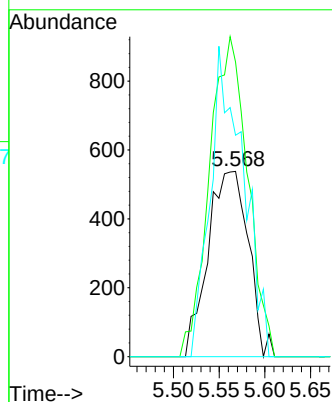
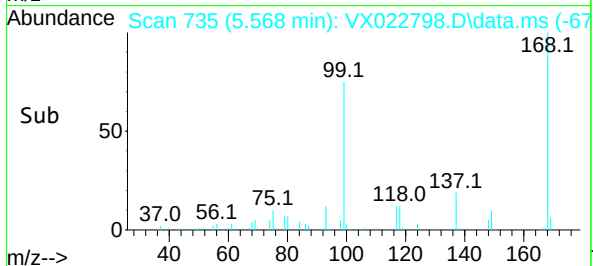


#31
Cyclohexane
Concen: 1.398 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

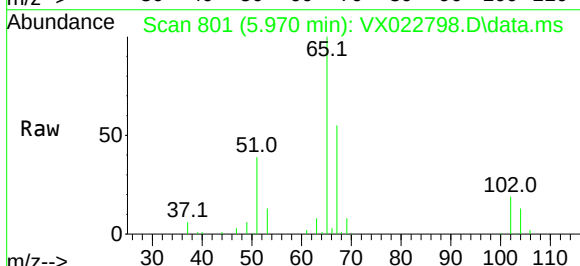
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617



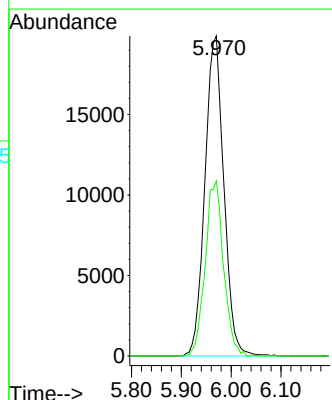
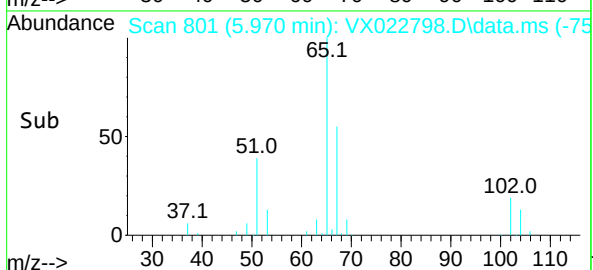
Tgt Ion: 56 Resp: 1656
Ion Ratio Lower Upper
56 100
69 158.9 25.3 37.9#
84 119.5 71.4 107.0#

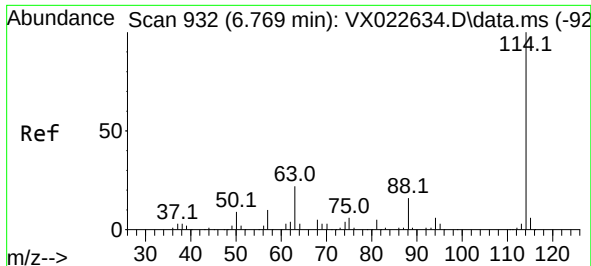


#33
1,2-Dichloroethane-d4
Concen: 53.365 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35



Tgt Ion: 65 Resp: 52405
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.4

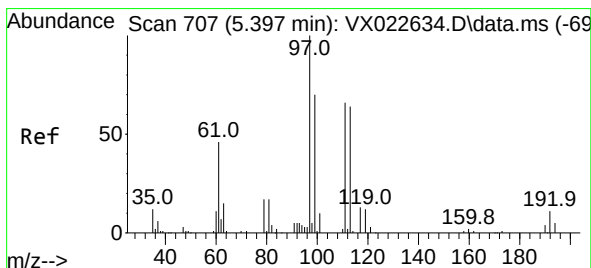
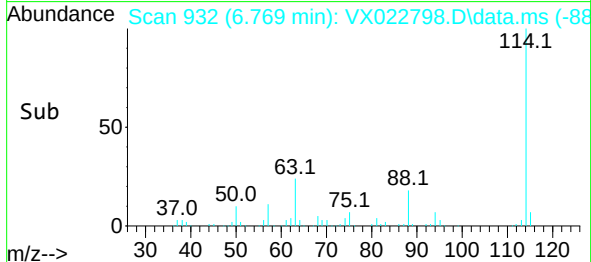
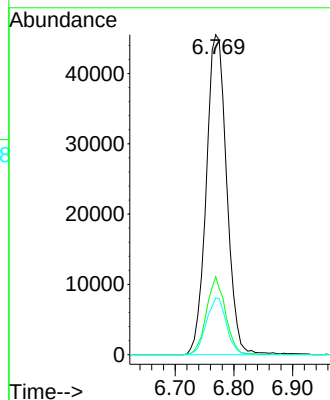
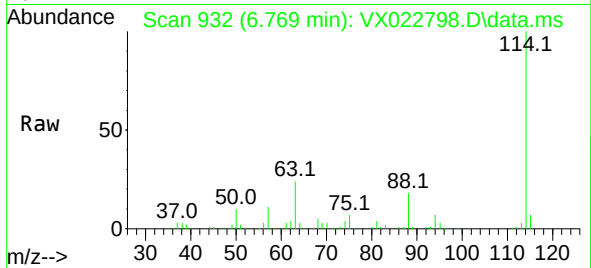




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

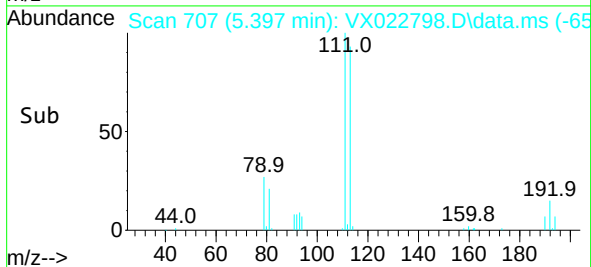
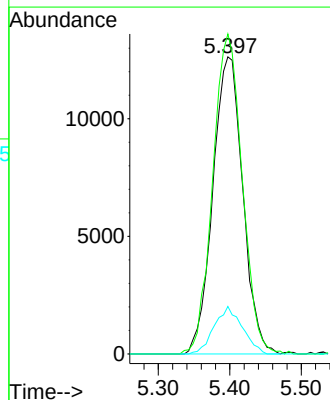
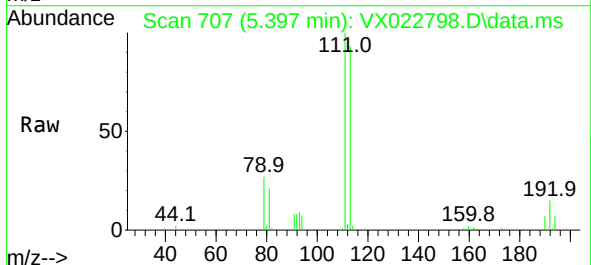
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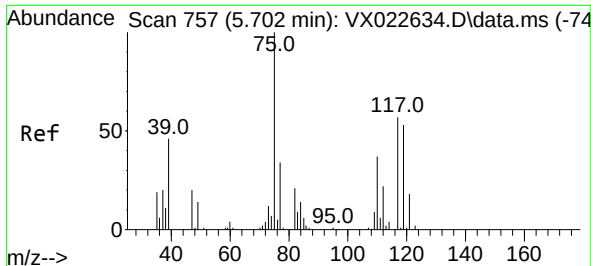
Tgt Ion:114 Resp: 109875
Ion Ratio Lower Upper
114 100
63 24.4 0.0 40.8
88 17.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.379 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Tgt Ion:113 Resp: 36719
Ion Ratio Lower Upper
113 100
111 106.0 81.9 122.9
192 15.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.927 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022798.D

Acq: 21 Jun 2021 16:35

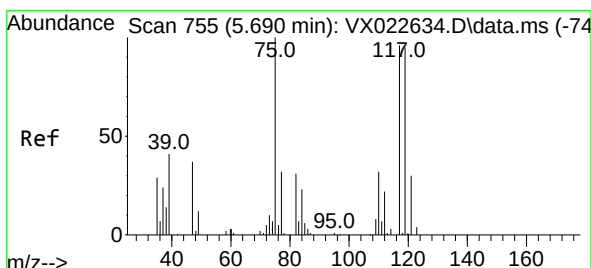
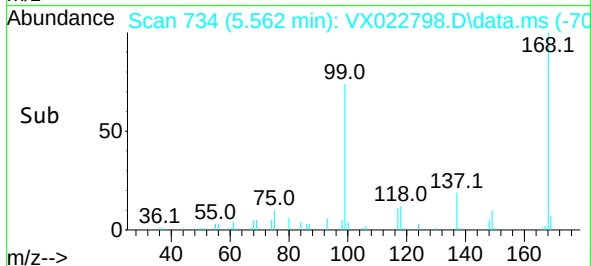
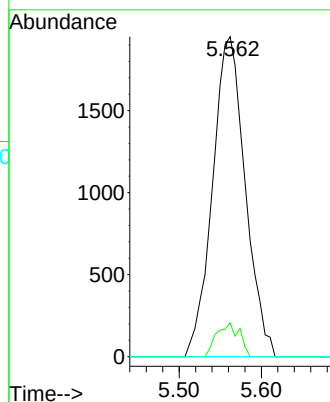
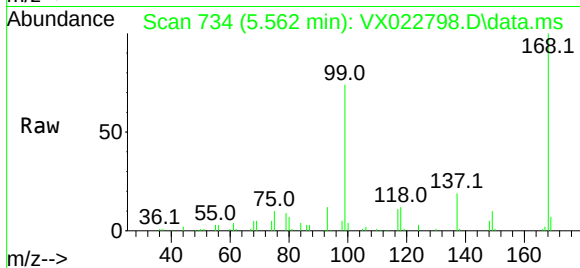
Tgt Ion:	75	Resp:	5394
Ion	Ratio	Lower	Upper
75	100		
110	7.3	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20210617



#38

Carbon Tetrachloride

Concen: 1.414 ug/l

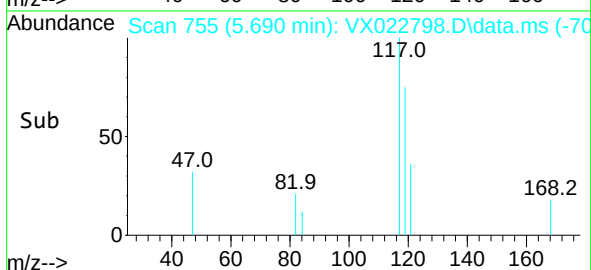
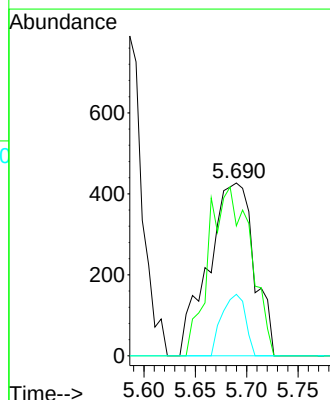
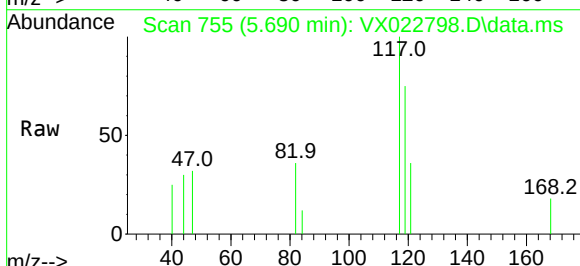
RT: 5.690 min Scan# 755

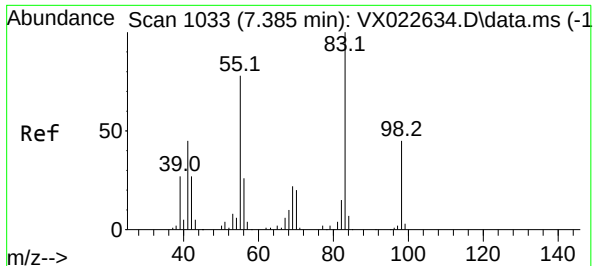
Delta R.T. 0.012 min

Lab File: VX022798.D

Acq: 21 Jun 2021 16:35

Tgt Ion:	117	Resp:	1324
Ion	Ratio	Lower	Upper
117	100		
119	75.2	76.2	114.2#
121	35.6	24.8	37.2





#39

Methylcyclohexane

Concen: 0.944 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.262 min

Lab File: VX022798.D

Acq: 21 Jun 2021 16:35

Tgt Ion: 83 Resp: 1078

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

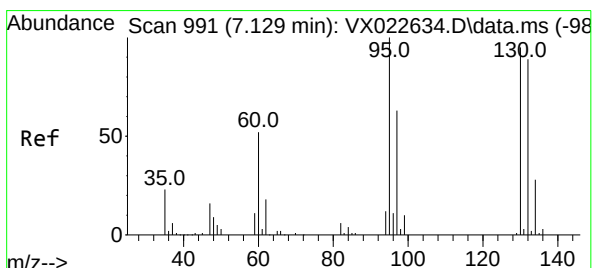
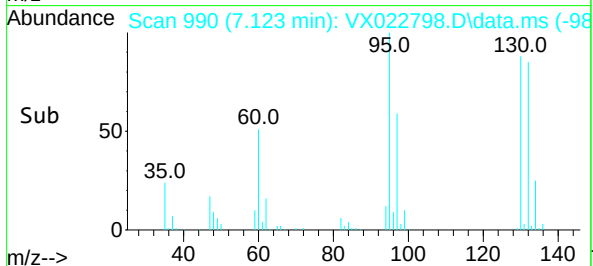
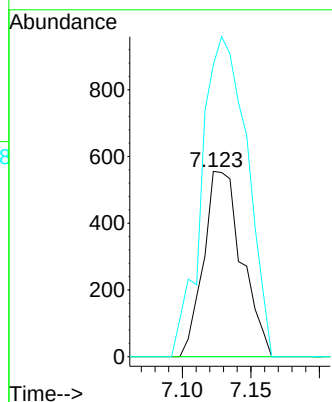
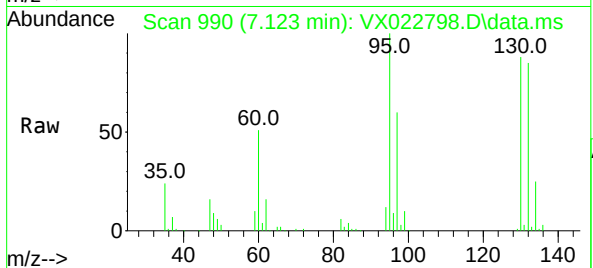
98 157.5 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE117D1-20210617



#44

Trichloroethene

Concen: 104.932 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX022798.D

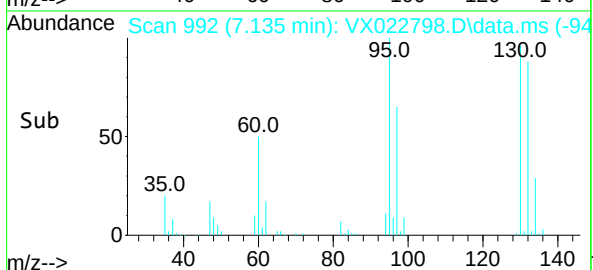
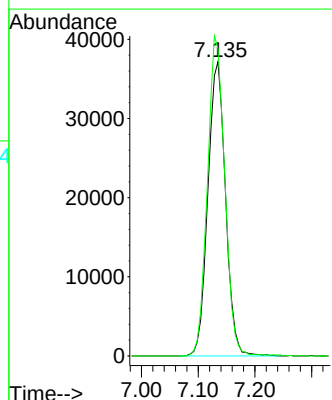
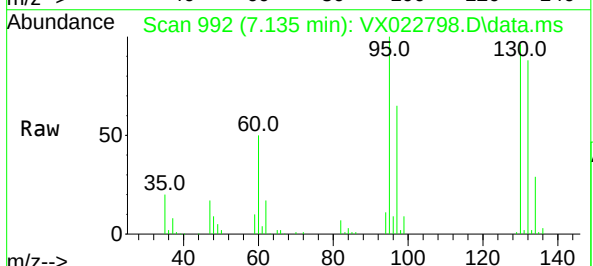
Acq: 21 Jun 2021 16:35

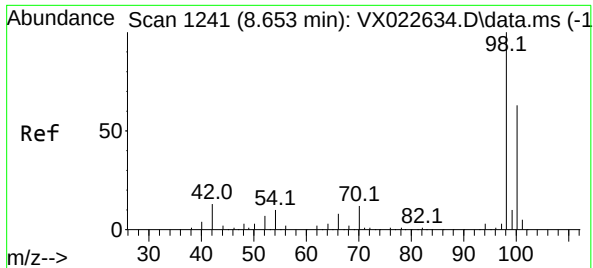
Tgt Ion:130 Resp: 80230

Ion Ratio Lower Upper

130 100

95 104.5 0.0 198.0

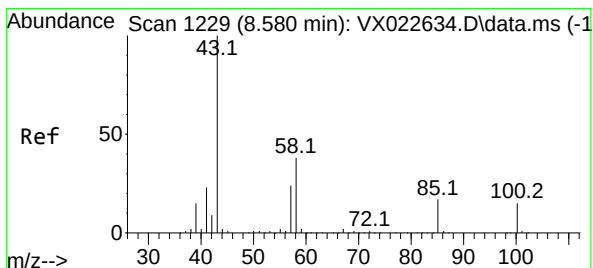
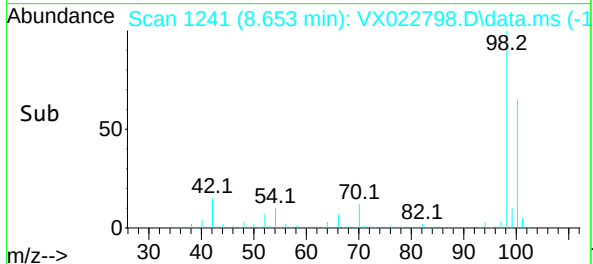
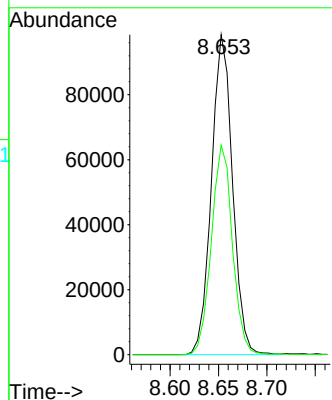
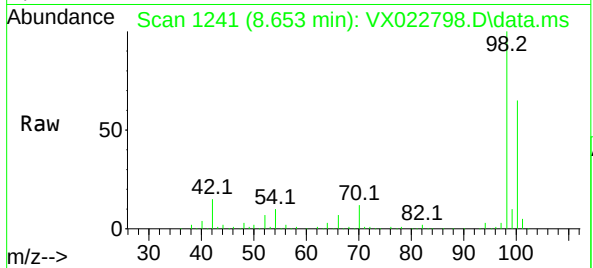




#50
Toluene-d8
Concen: 54.029 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

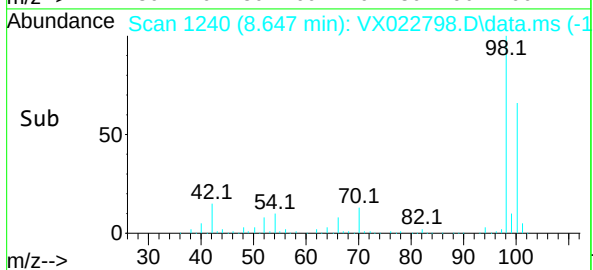
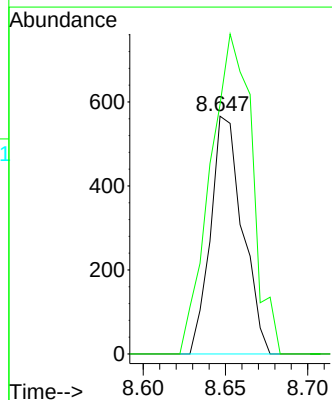
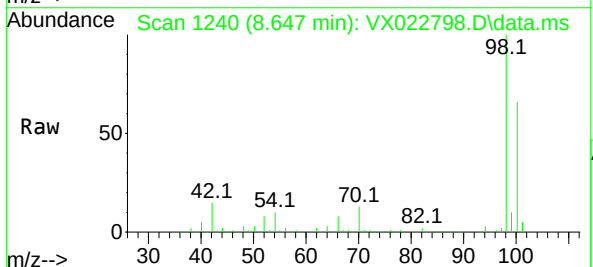
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617

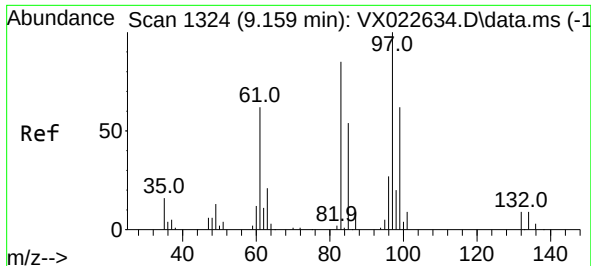
Tgt Ion: 98 Resp: 149308
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.548 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.067 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Tgt Ion: 43 Resp: 765
Ion Ratio Lower Upper
43 100
58 176.1 35.4 53.0#

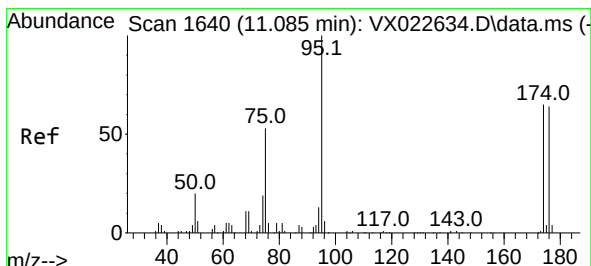
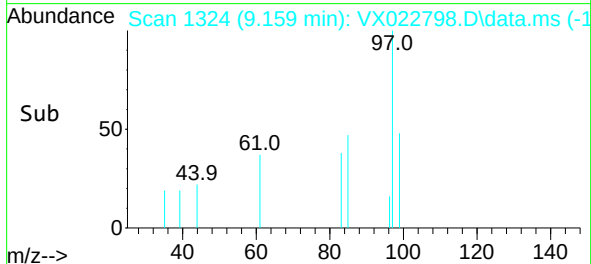
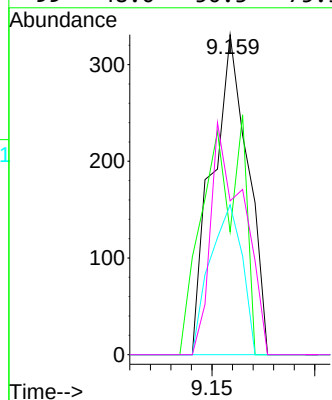
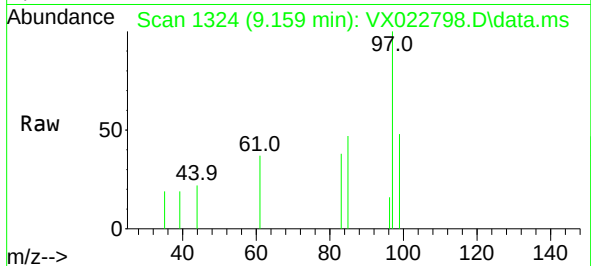




#55
1,1,2-Trichloroethane
Concen: 0.480 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

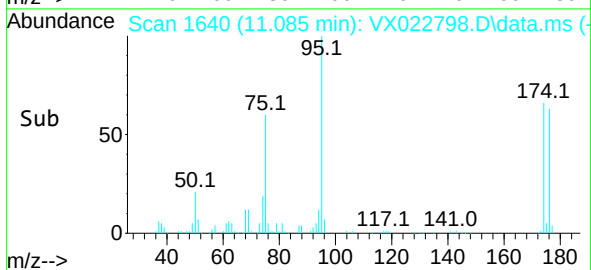
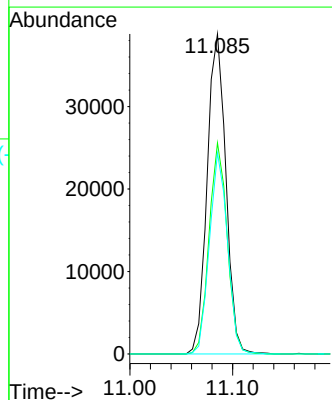
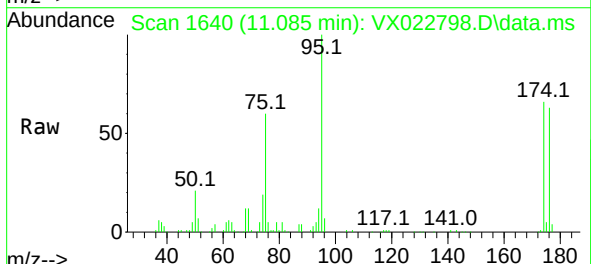
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617

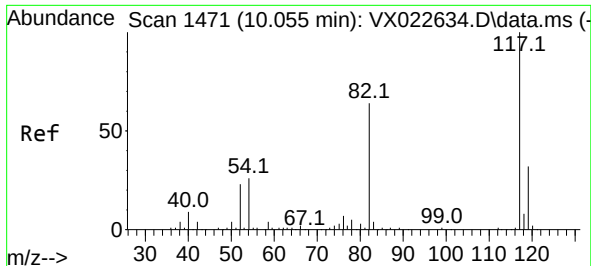
Tgt Ion:	97	Resp:	398
Ion	Ratio	Lower	Upper
97	100		
83	38.4	69.3	103.9#
85	46.8	44.3	66.5
99	48.0	50.3	75.5#



#62
4-Bromofluorobenzene
Concen: 47.048 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Tgt Ion:	95	Resp:	49172
Ion	Ratio	Lower	Upper
95	100		
174	64.0	0.0	154.6
176	60.6	0.0	155.8

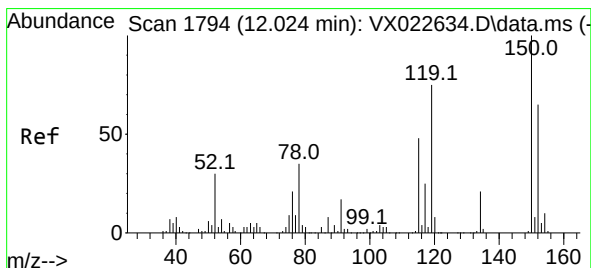
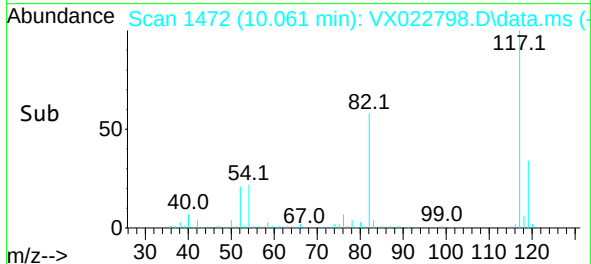
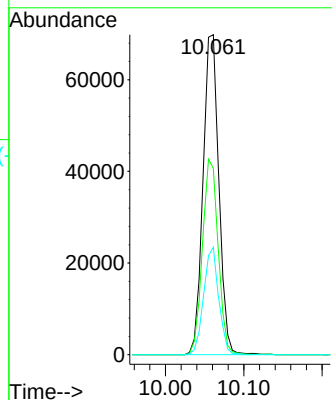
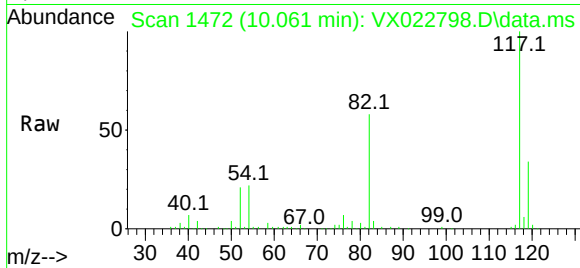




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

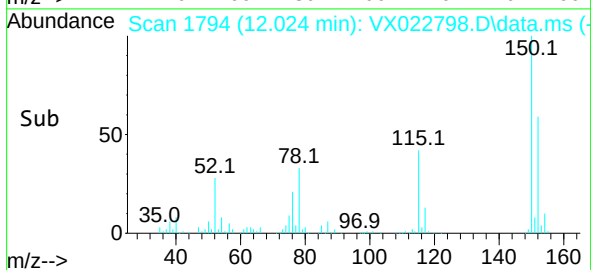
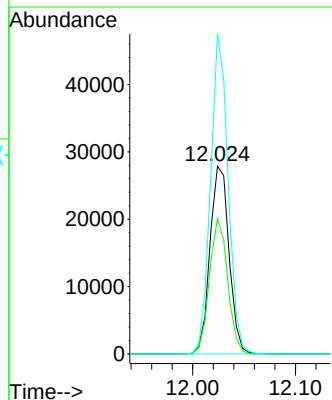
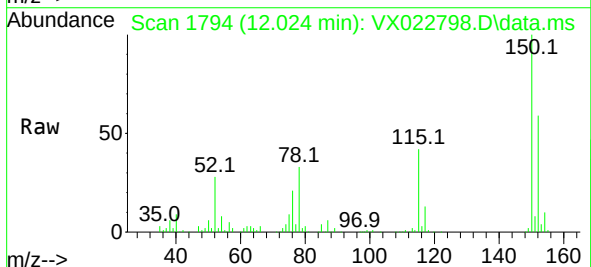
Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617

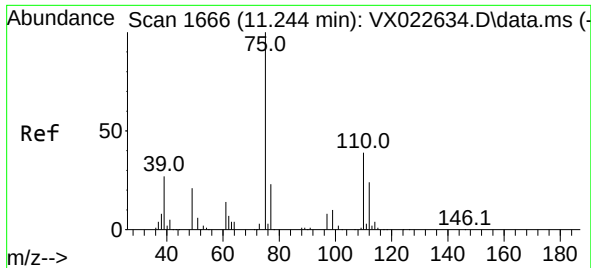
Tgt Ion:117 Resp: 97937
Ion Ratio Lower Upper
117 100
82 58.2 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Tgt Ion:152 Resp: 35863
Ion Ratio Lower Upper
152 100
115 68.9 41.1 123.3
150 156.8 0.0 349.0

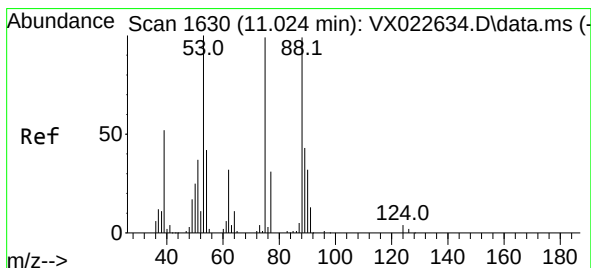
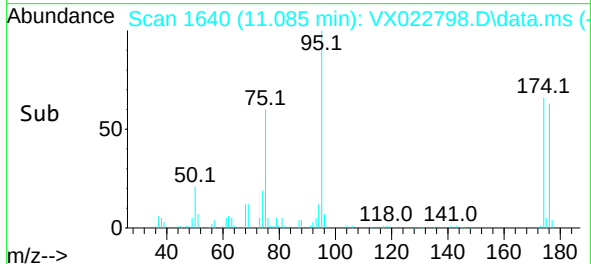
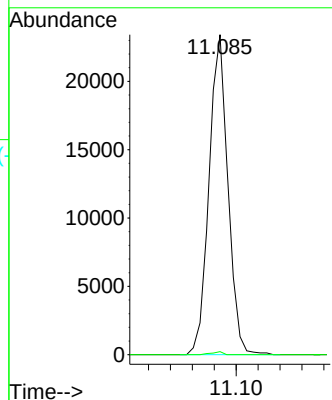
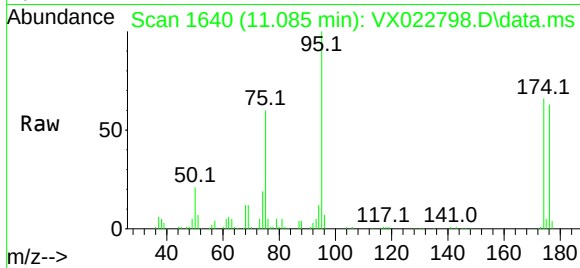




#76
1,2,3-Trichloropropane
Concen: 29.425 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Instrument :
MSVOA_X
ClientSampleId :
RE117D1-20210617

Tgt Ion: 75 Resp: 27979
Ion Ratio Lower Upper
75 100
77 0.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.026 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022798.D
Acq: 21 Jun 2021 16:35

Tgt Ion: 75 Resp: 27979
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

