

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027814.D
 Acq On : 30 Mar 2022 16:38
 Operator : JC/MD
 Sample : N2041-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20220317DL

Quant Time: Mar 31 05:50:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

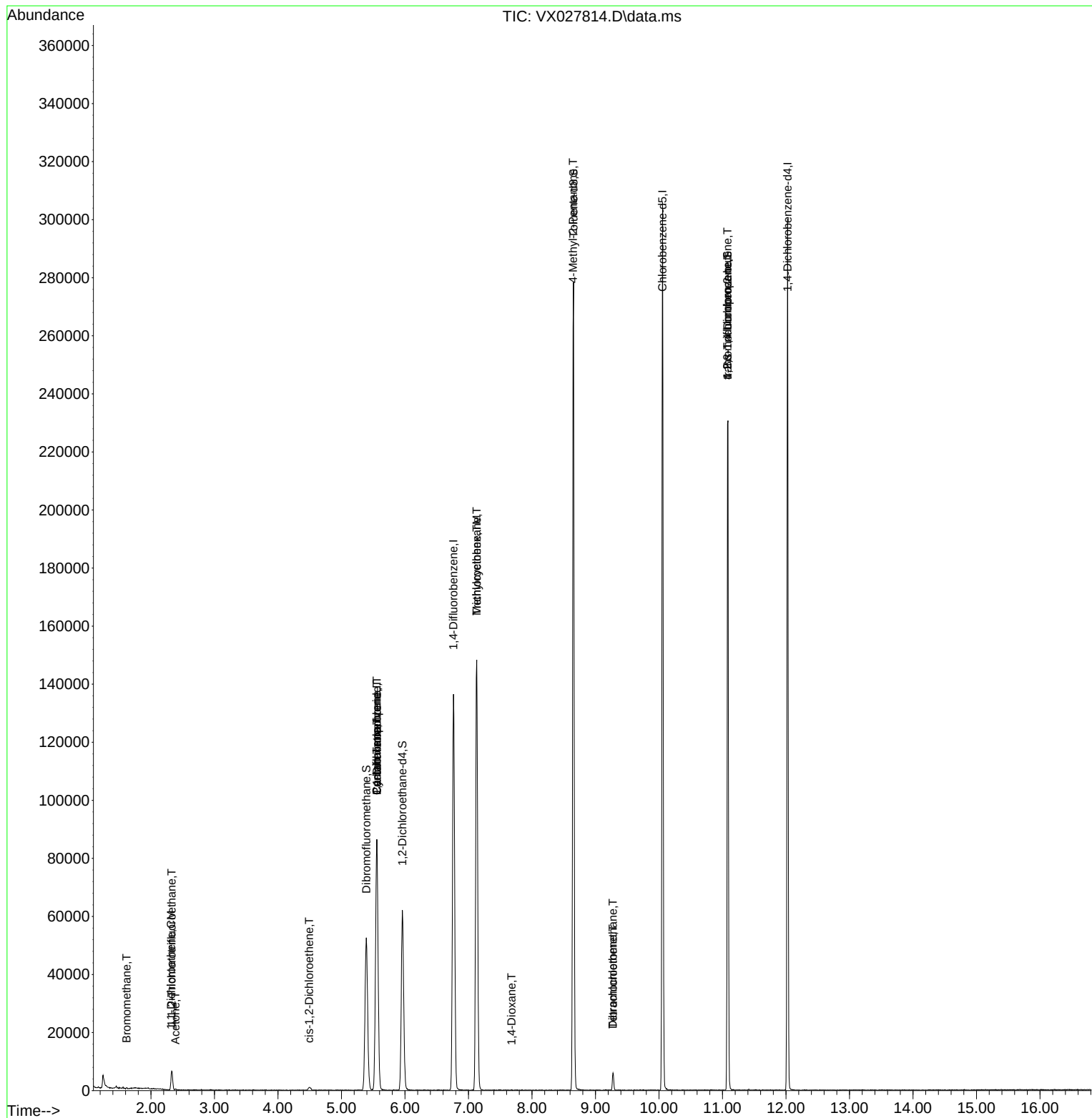
Internal Standards						
1) Pentafluorobenzene	5.556	168	72212	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	127824	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57676	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62033	66.578	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 133.160%	
35) Dibromofluoromethane	5.391	113	43266	52.439	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 104.880%	
50) Toluene-d8	8.653	98	158484	54.594	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	11.079	95	63421	51.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.820%	
Target Compounds						Qvalue
5) Bromomethane	1.618	94	78	0.292	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.325	101	2308	3.413	ug/l	98
12) 1,1-Dichloroethene	2.319	96	620	0.999	ug/l	95
16) Acetone	2.386	43	277	0.672	ug/l #	39
27) cis-1,2-Dichloroethene	4.489	96	805	0.991	ug/l	82
31) Cyclohexane	5.556	56	2068	2.008	ug/l #	37
36) 1,1-Dichloropropene	5.556	75	6930	6.669	ug/l #	50
38) Carbon Tetrachloride	5.556	117	8640	7.526	ug/l #	15
39) Methylcyclohexane	7.129	83	685	0.560	ug/l #	1
44) Trichloroethene	7.129	130	52560	61.414	ug/l	92
49) 1,4-Dioxane	7.678	88	48	2.247	ug/l #	25
51) 4-Methyl-2-Pentanone	8.647	43	787	0.550	ug/l #	1
60) Dibromochloromethane	9.275	129	1144	1.254	ug/l #	9
64) Tetrachloroethene	9.275	164	1099	1.335	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	36385	26.892	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36385	78.694	ug/l #	15

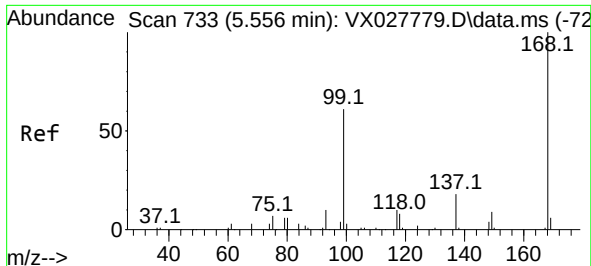
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 31 05:50:24 2022
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QLast Update : Wed Mar 30 04:39:27 2022
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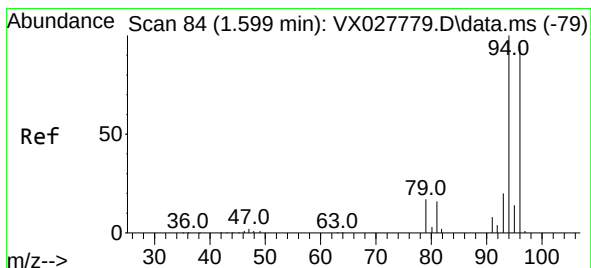
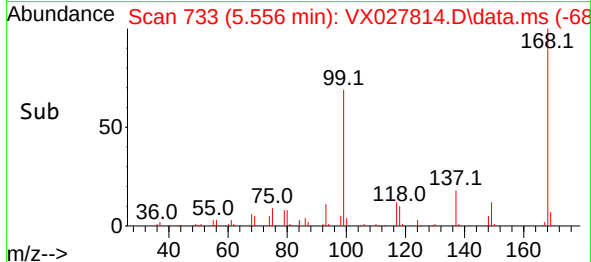
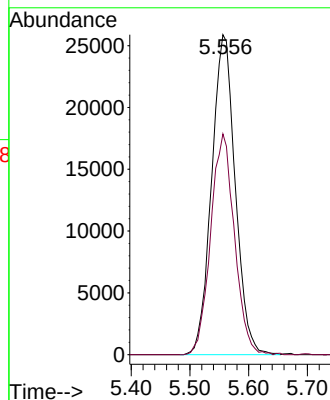
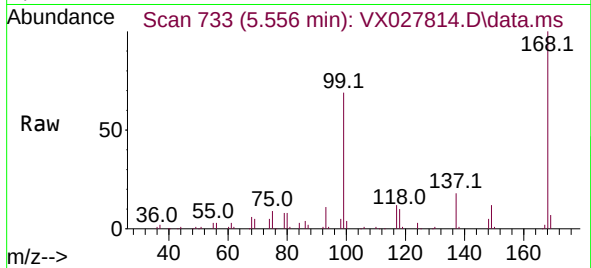




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

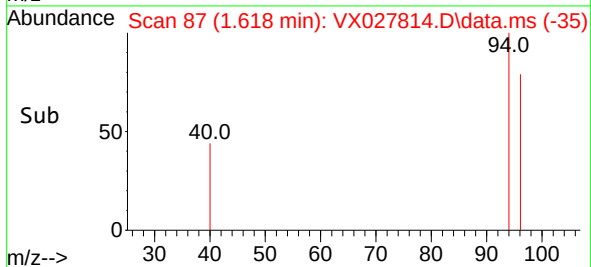
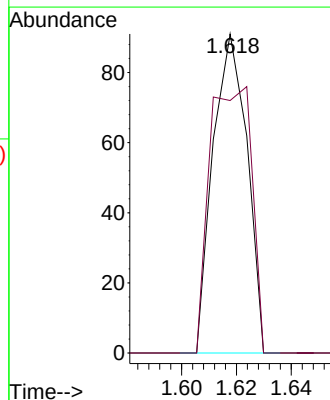
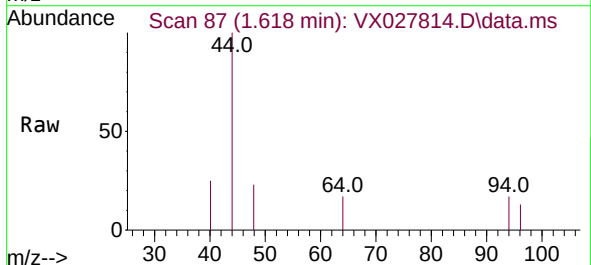
Instrument : MSVOA_X
ClientSampleId : RE125D2-20220317DL

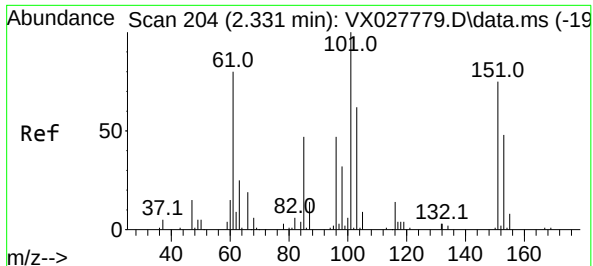
Tgt Ion:168 Resp: 72212
Ion Ratio Lower Upper
168 100
99 69.0 41.7 62.5#



#5
Bromomethane
Concen: 0.292 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion: 94 Resp: 78
Ion Ratio Lower Upper
94 100
96 79.1 75.3 112.9

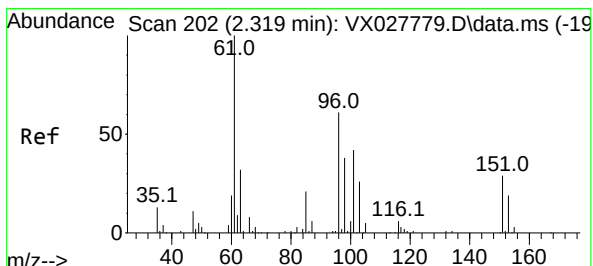
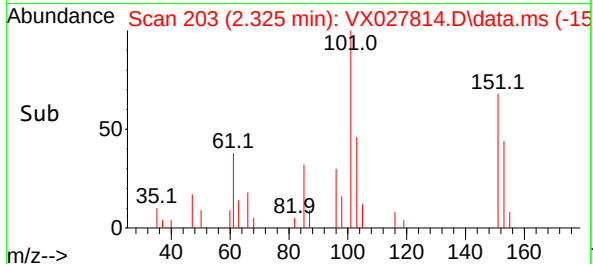
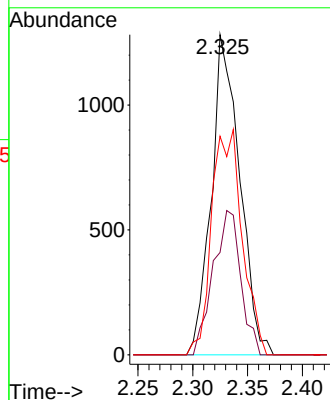
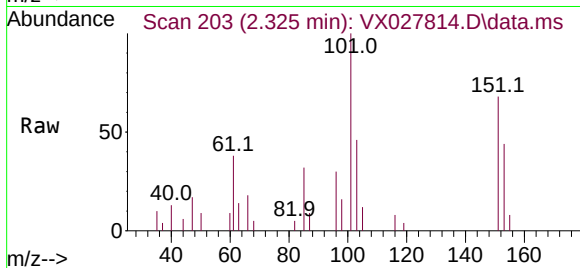




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.413 ug/l
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

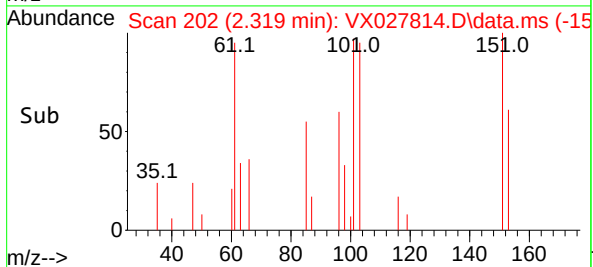
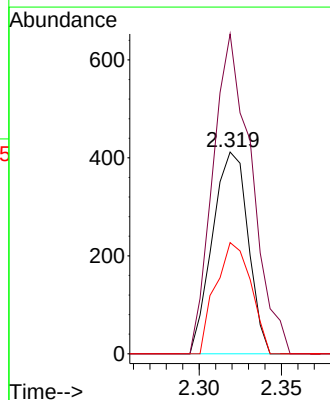
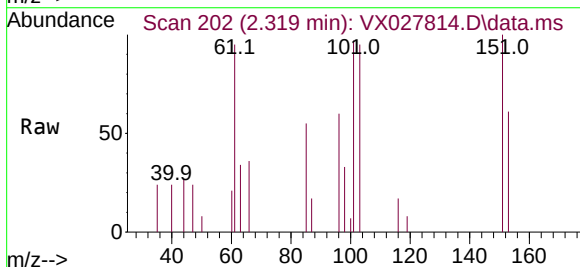
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

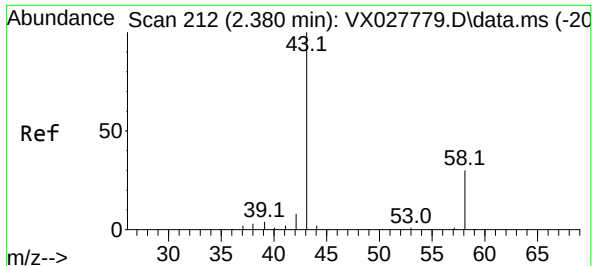
Tgt Ion:101 Resp: 2308
Ion Ratio Lower Upper
101 100
85 43.7 33.5 50.3
151 75.6 61.8 92.6



#12
1,1-Dichloroethene
Concen: 0.999 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion: 96 Resp: 620
Ion Ratio Lower Upper
96 100
61 158.5 124.6 187.0
98 55.1 51.0 76.4

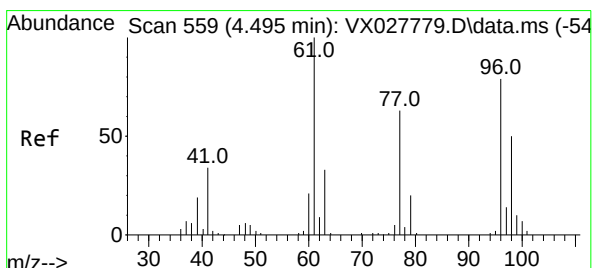
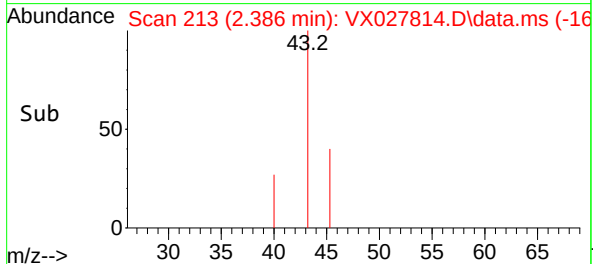
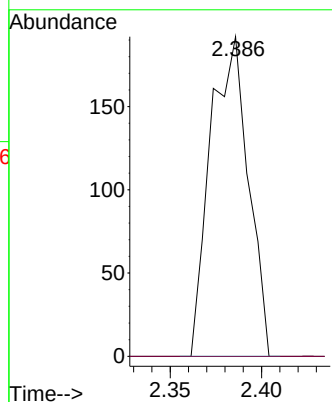
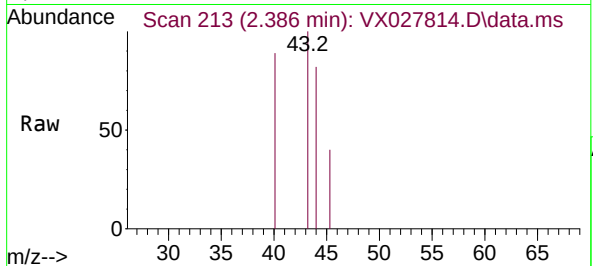




#16
Acetone
Concen: 0.672 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

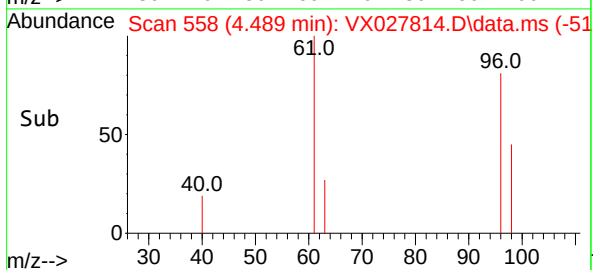
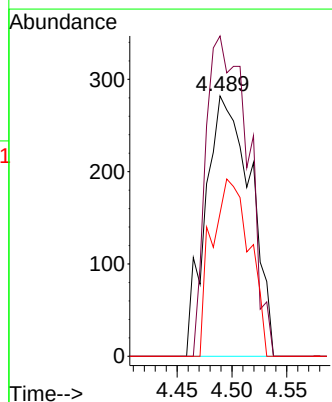
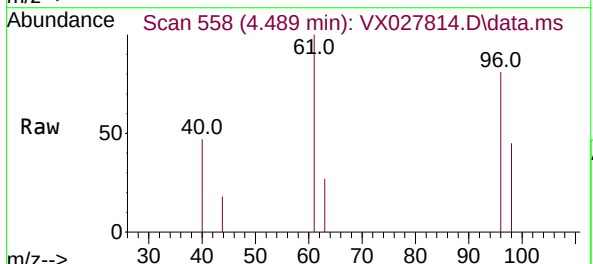
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

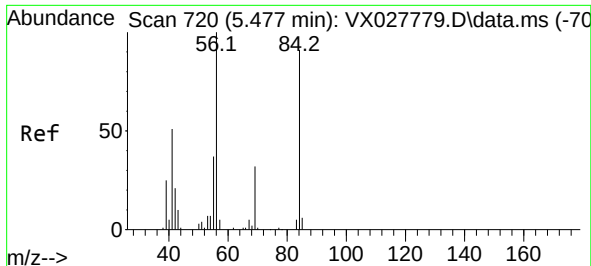
Tgt Ion: 43 Resp: 277
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#27
cis-1,2-Dichloroethene
Concen: 0.991 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion: 96 Resp: 805
Ion Ratio Lower Upper
96 100
61 114.3 0.0 283.8
98 57.4 0.0 129.8

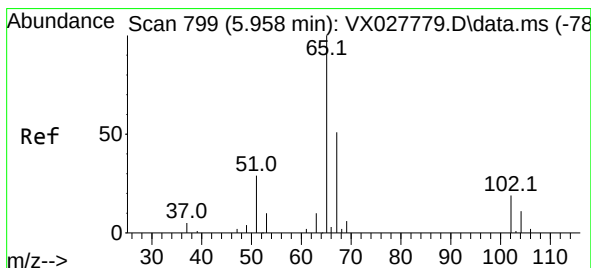
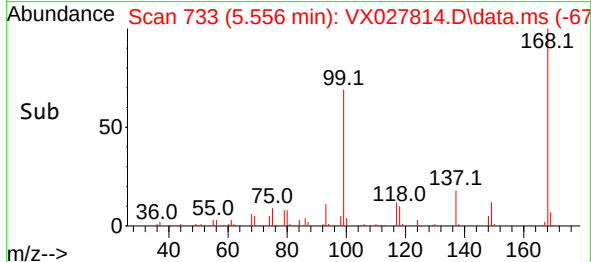
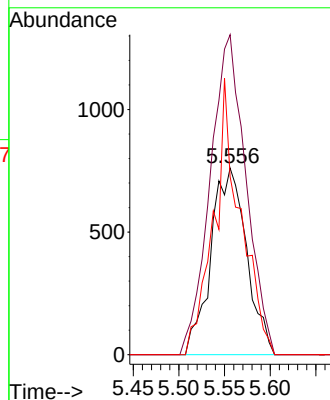
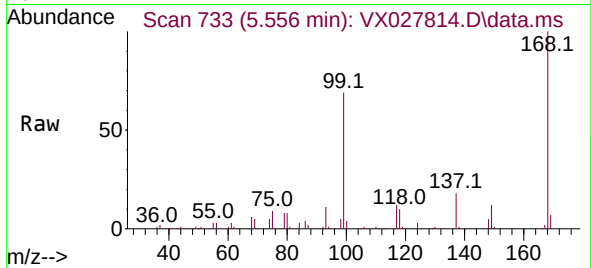




#31
Cyclohexane
Concen: 2.008 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

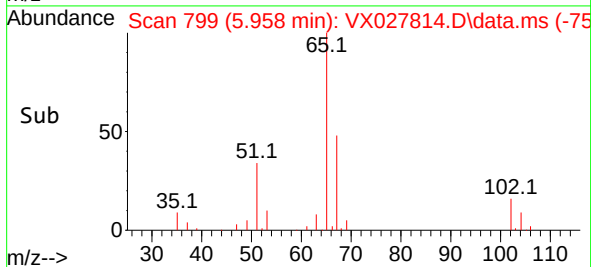
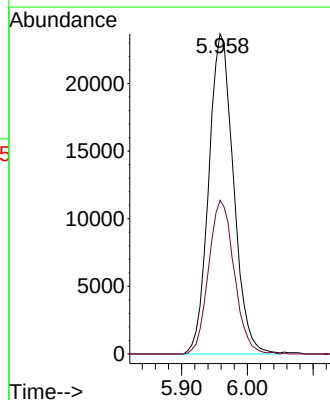
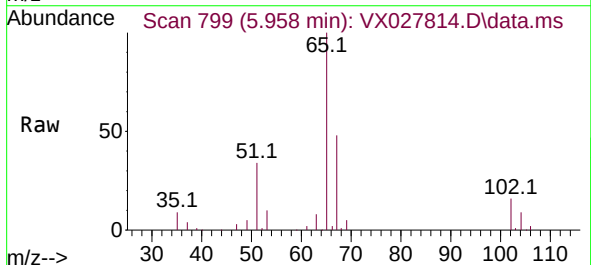
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

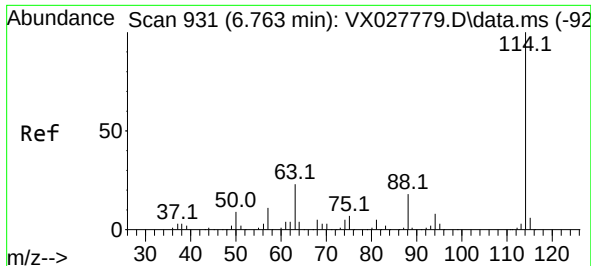
Tgt Ion: 56 Resp: 2068
Ion Ratio Lower Upper
56 100
69 171.5 26.7 40.1#
84 95.4 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 66.578 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion: 65 Resp: 62033
Ion Ratio Lower Upper
65 100
67 49.5 0.0 107.4

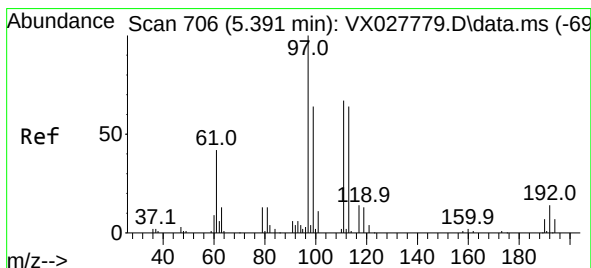
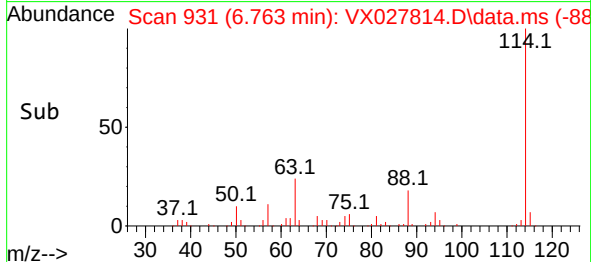
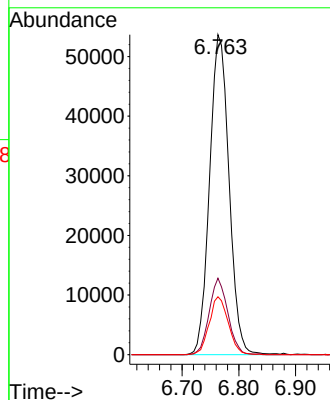
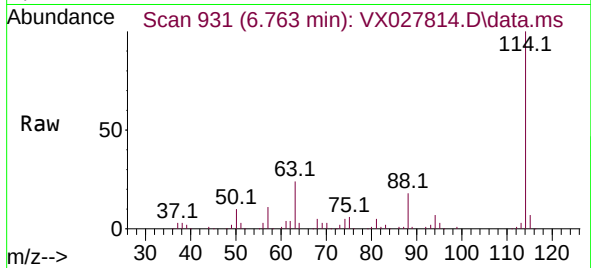




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

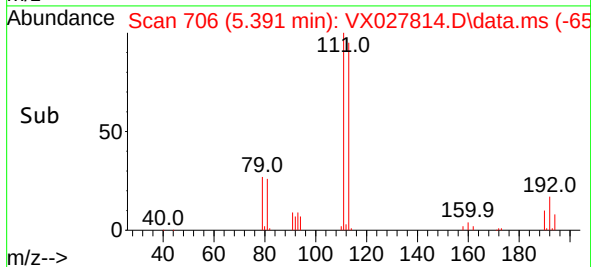
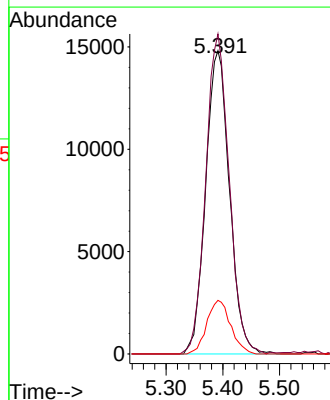
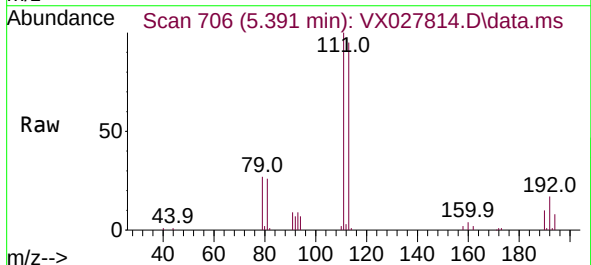
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

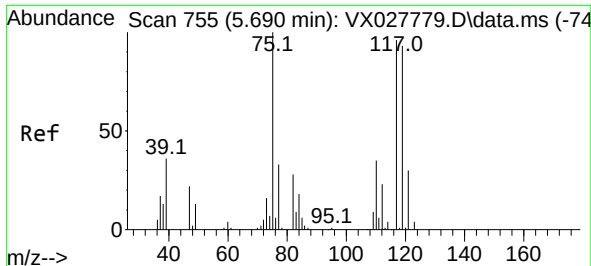
Tgt Ion:114 Resp: 127824
Ion Ratio Lower Upper
114 100
63 23.9 0.0 36.8
88 18.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 52.439 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion:113 Resp: 43266
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 17.7 16.9 25.3





#36

1,1-Dichloropropene

Concen: 6.669 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX027814.D

Acq: 30 Mar 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220317DL

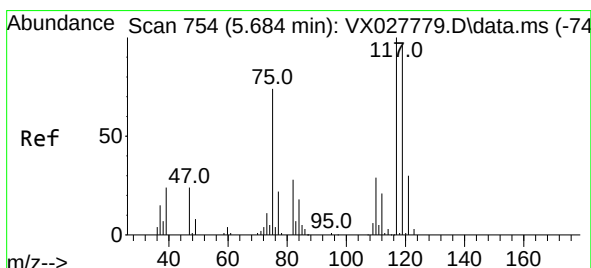
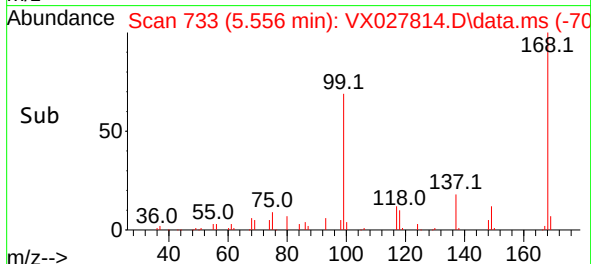
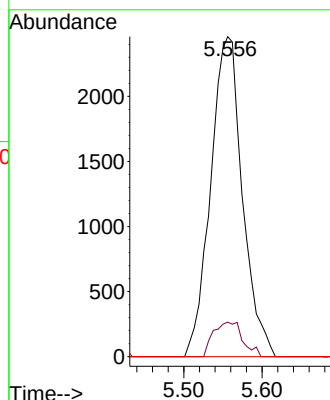
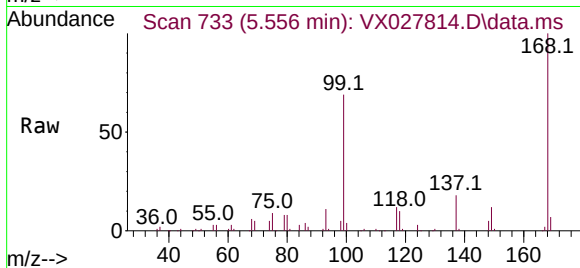
Tgt Ion: 75 Resp: 6930

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.526 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX027814.D

Acq: 30 Mar 2022 16:38

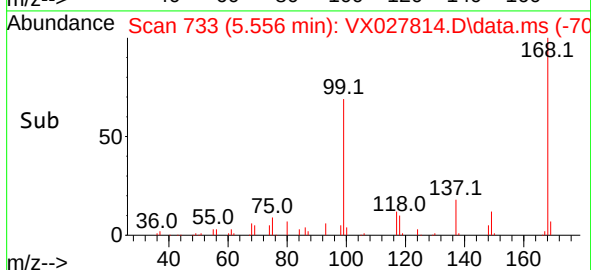
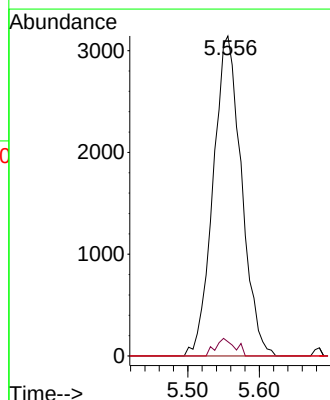
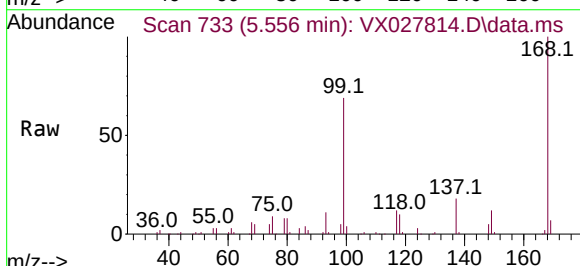
Tgt Ion: 117 Resp: 8640

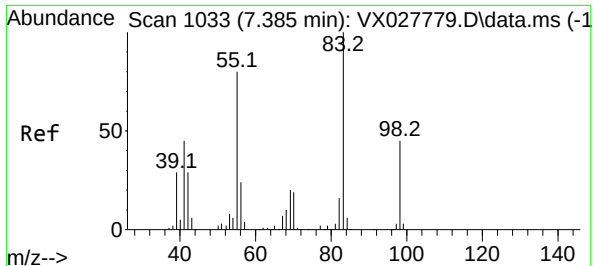
Ion Ratio Lower Upper

117 100

119 4.5 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.560 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX027814.D

Acq: 30 Mar 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220317DL

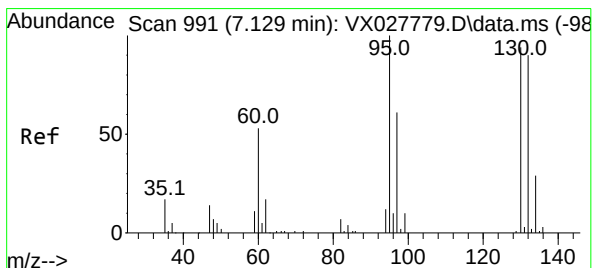
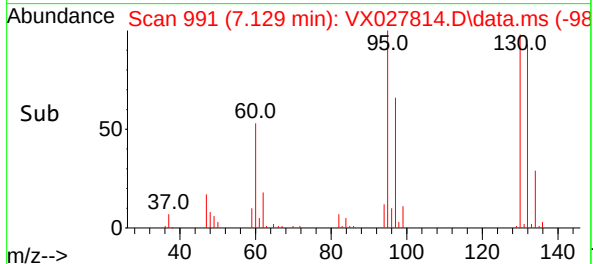
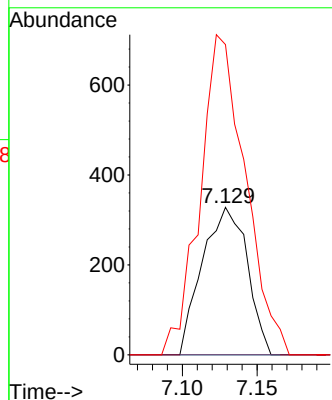
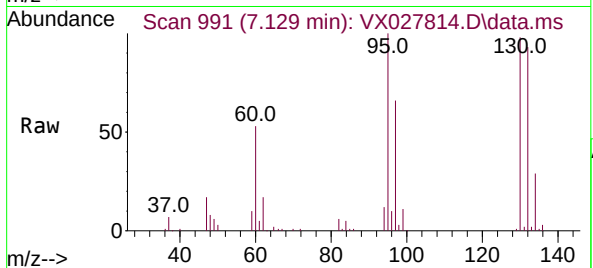
Tgt Ion: 83 Resp: 685

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 193.0 37.4 56.2#



#44

Trichloroethene

Concen: 61.414 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX027814.D

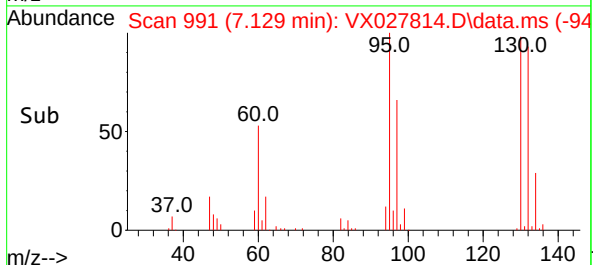
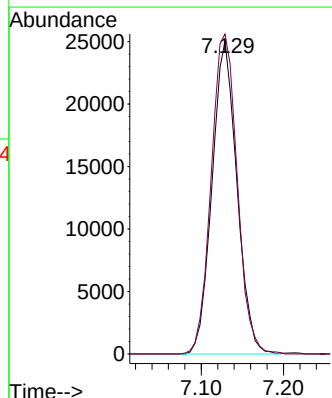
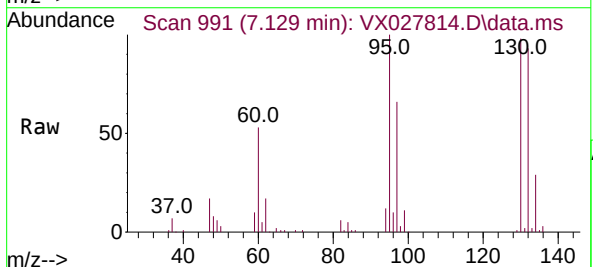
Acq: 30 Mar 2022 16:38

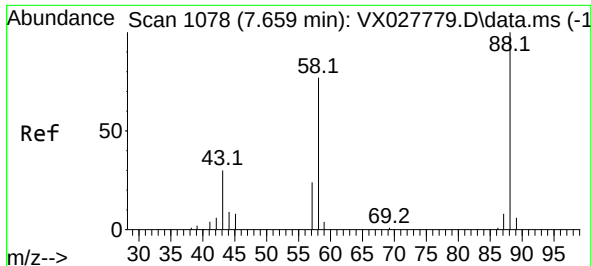
Tgt Ion:130 Resp: 52560

Ion Ratio Lower Upper

130 100

95 102.3 0.0 188.8





#49

1,4-Dioxane

Concen: 2.247 ug/l

RT: 7.678 min Scan# 1081

Delta R.T. 0.019 min

Lab File: VX027814.D

Acq: 30 Mar 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20220317DL

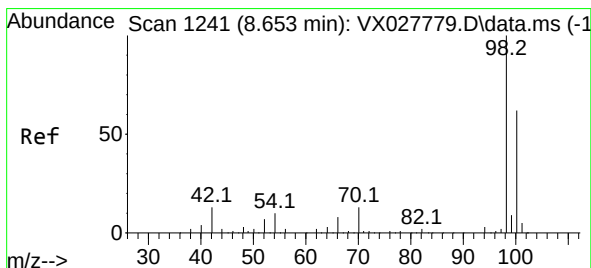
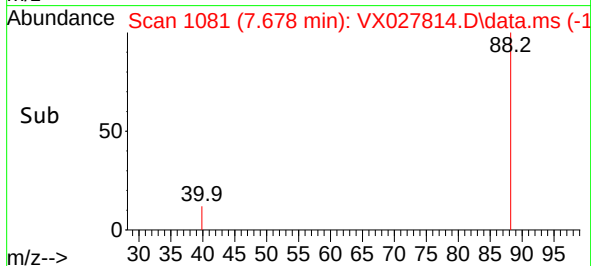
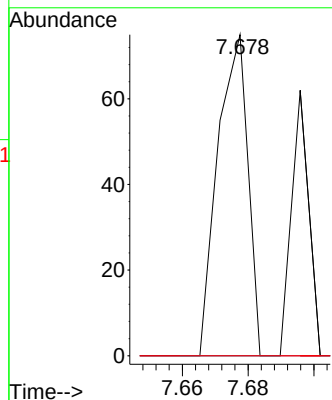
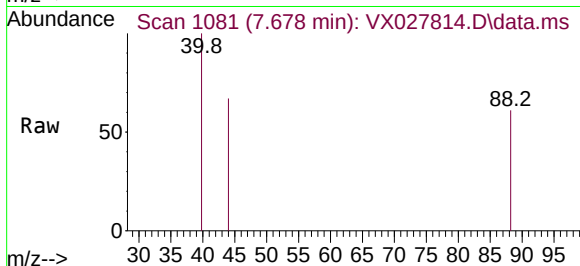
Tgt Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 0.0 21.9 32.9#

58 0.0 53.7 80.5#



#50

Toluene-d8

Concen: 54.594 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX027814.D

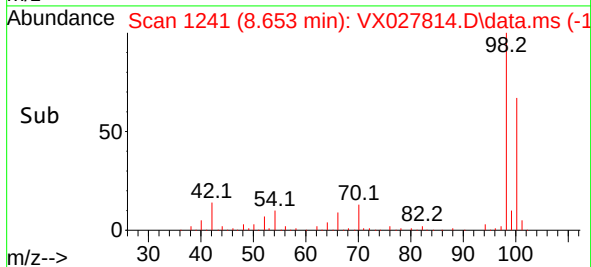
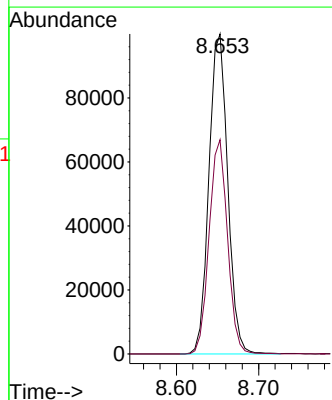
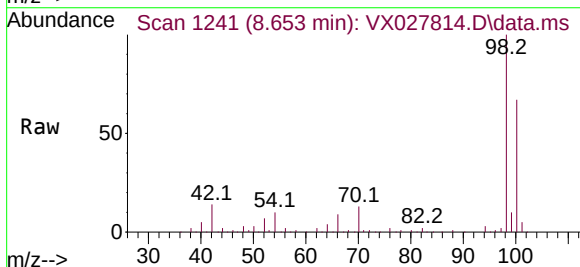
Acq: 30 Mar 2022 16:38

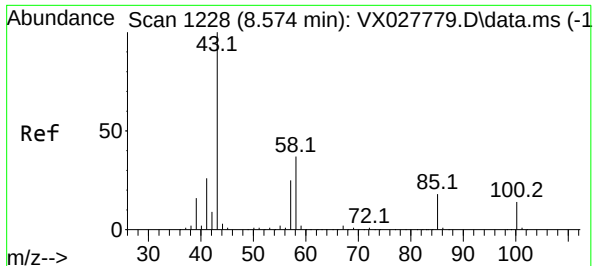
Tgt Ion: 98 Resp: 158484

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.550 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027814.D

Acq: 30 Mar 2022 16:38

Instrument :

MSVOA_X

ClientSampleId :

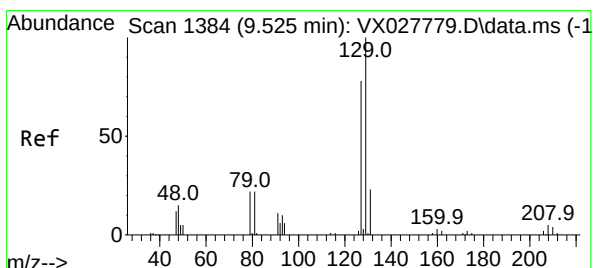
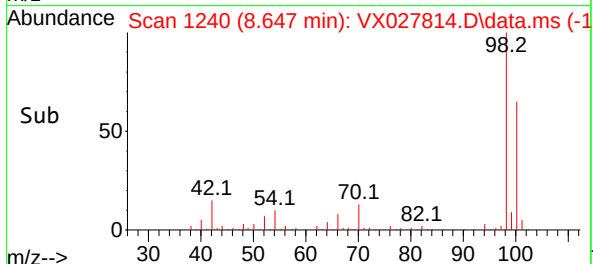
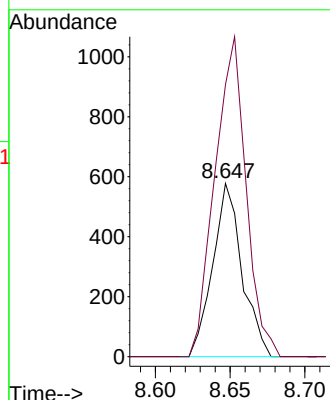
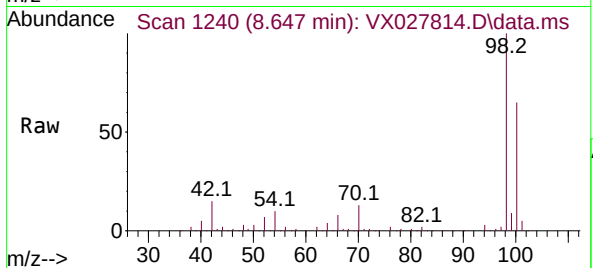
RE125D2-20220317DL

Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

58 196.4 36.1 54.1#



#60

Dibromochloromethane

Concen: 1.254 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX027814.D

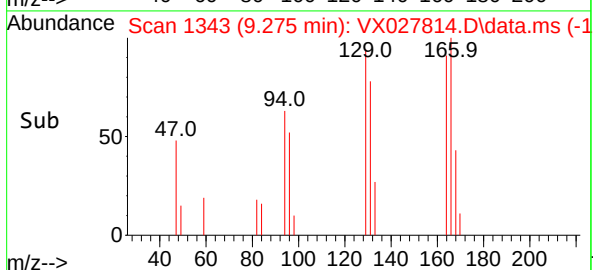
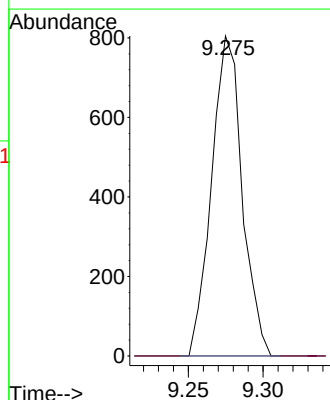
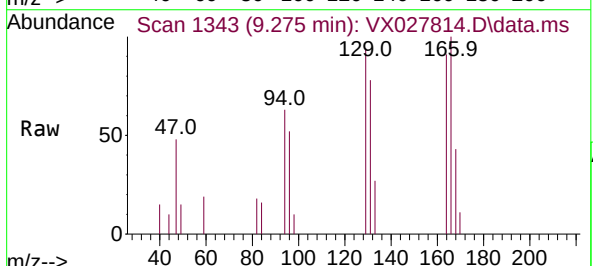
Acq: 30 Mar 2022 16:38

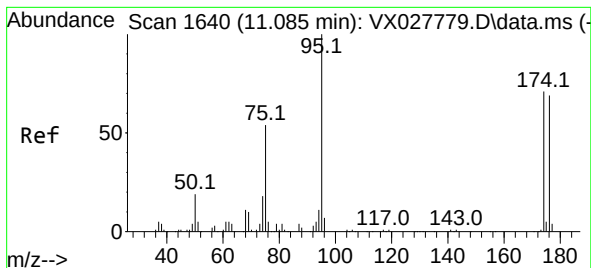
Tgt Ion: 129 Resp: 1144

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#

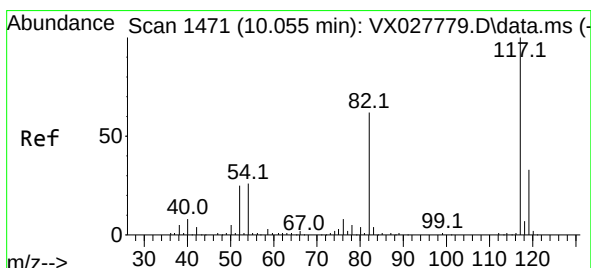
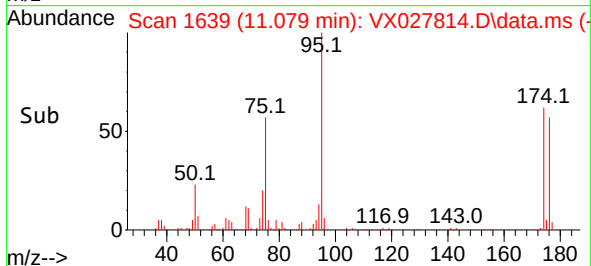
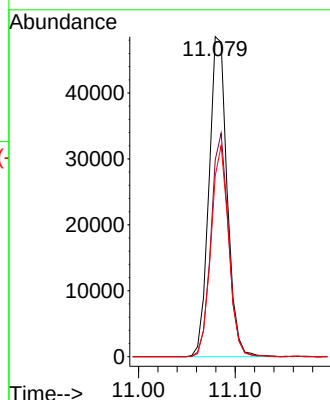
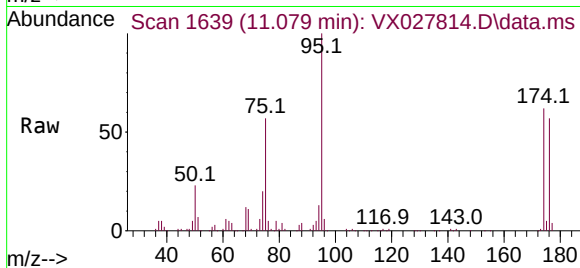




#62
4-Bromofluorobenzene
Concen: 51.409 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

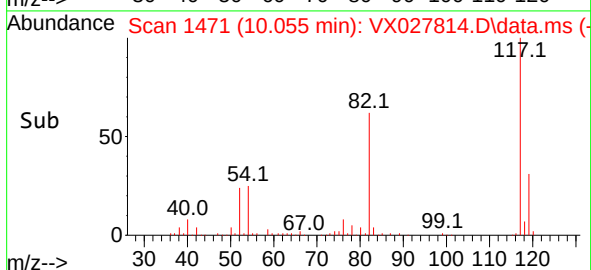
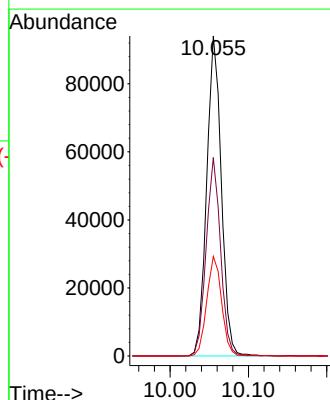
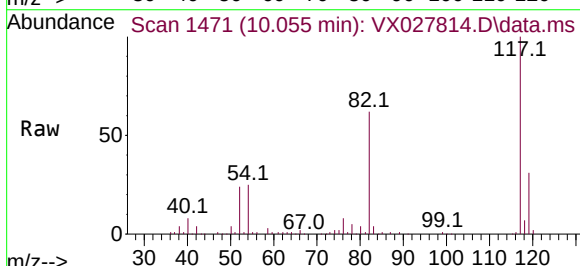
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

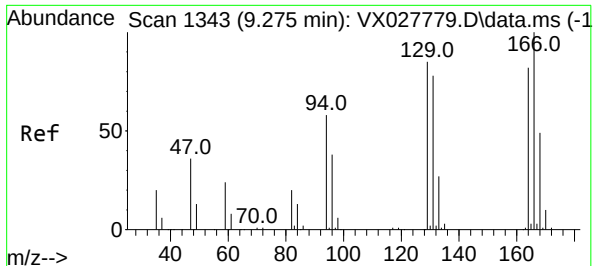
Tgt Ion: 95 Resp: 63421
Ion Ratio Lower Upper
95 100
174 67.5 0.0 163.0
176 64.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

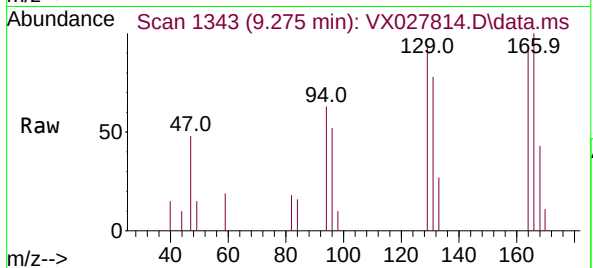
Tgt Ion: 117 Resp: 121387
Ion Ratio Lower Upper
117 100
82 62.0 41.8 62.8
119 31.1 24.8 37.2



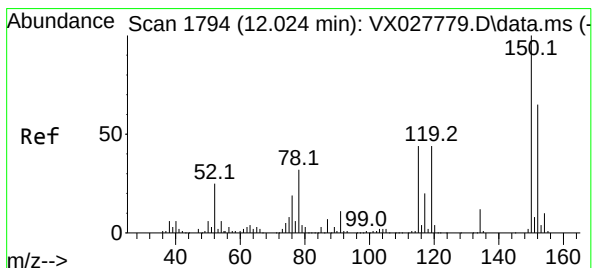
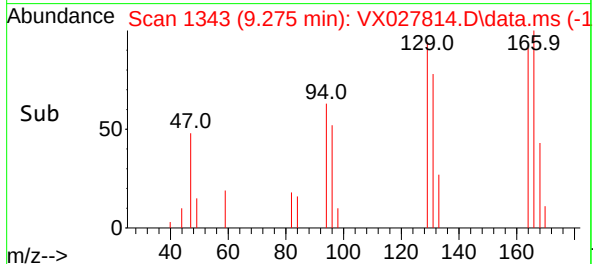
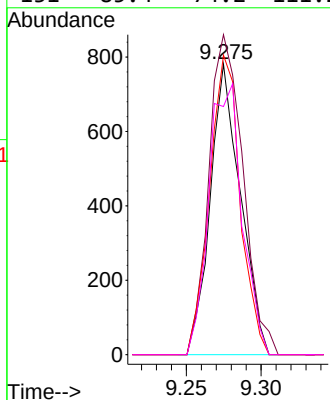


#64
Tetrachloroethene
Concen: 1.335 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

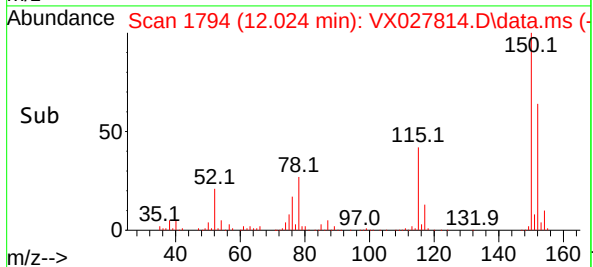
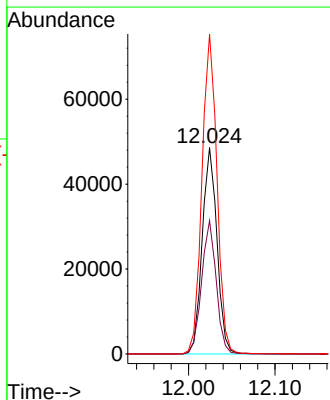
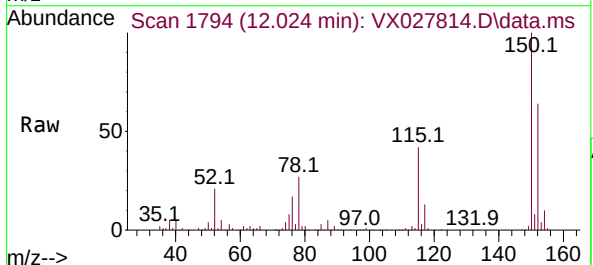


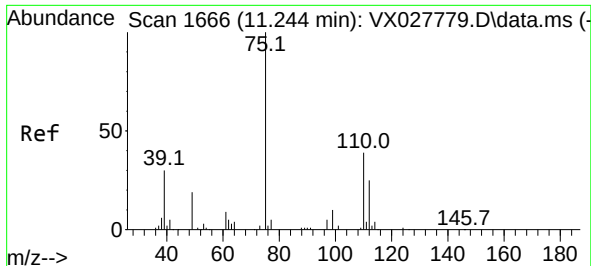
Tgt Ion:	164	Resp:	1099
Ion	Ratio	Lower	Upper
164	100		
166	110.1	101.2	151.8
129	103.1	73.0	109.4
131	85.4	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion:	152	Resp:	57676
Ion	Ratio	Lower	Upper
152	100		
115	63.7	37.5	112.7
150	156.8	0.0	338.2

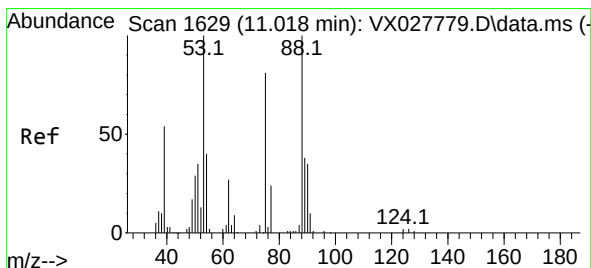
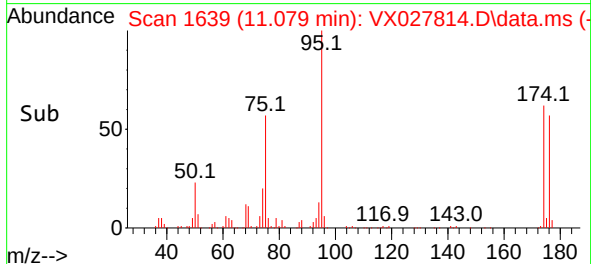
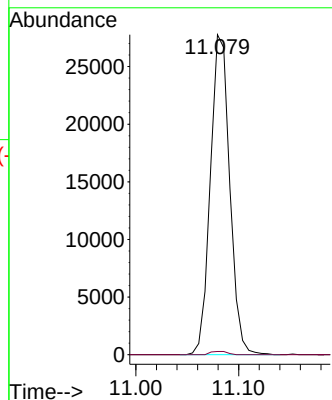
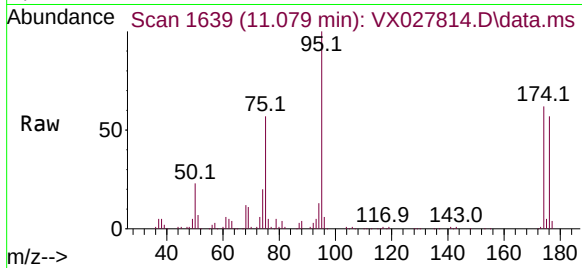




#76
1,2,3-Trichloropropane
Concen: 26.892 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20220317DL

Tgt Ion: 75 Resp: 36385
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.694 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027814.D
Acq: 30 Mar 2022 16:38

Tgt Ion: 75 Resp: 36385
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

