

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027788.D
 Acq On : 29 Mar 2022 21:05
 Operator : JC/MD
 Sample : N2041-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20220316DL

Quant Time: Mar 30 05:15:17 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)

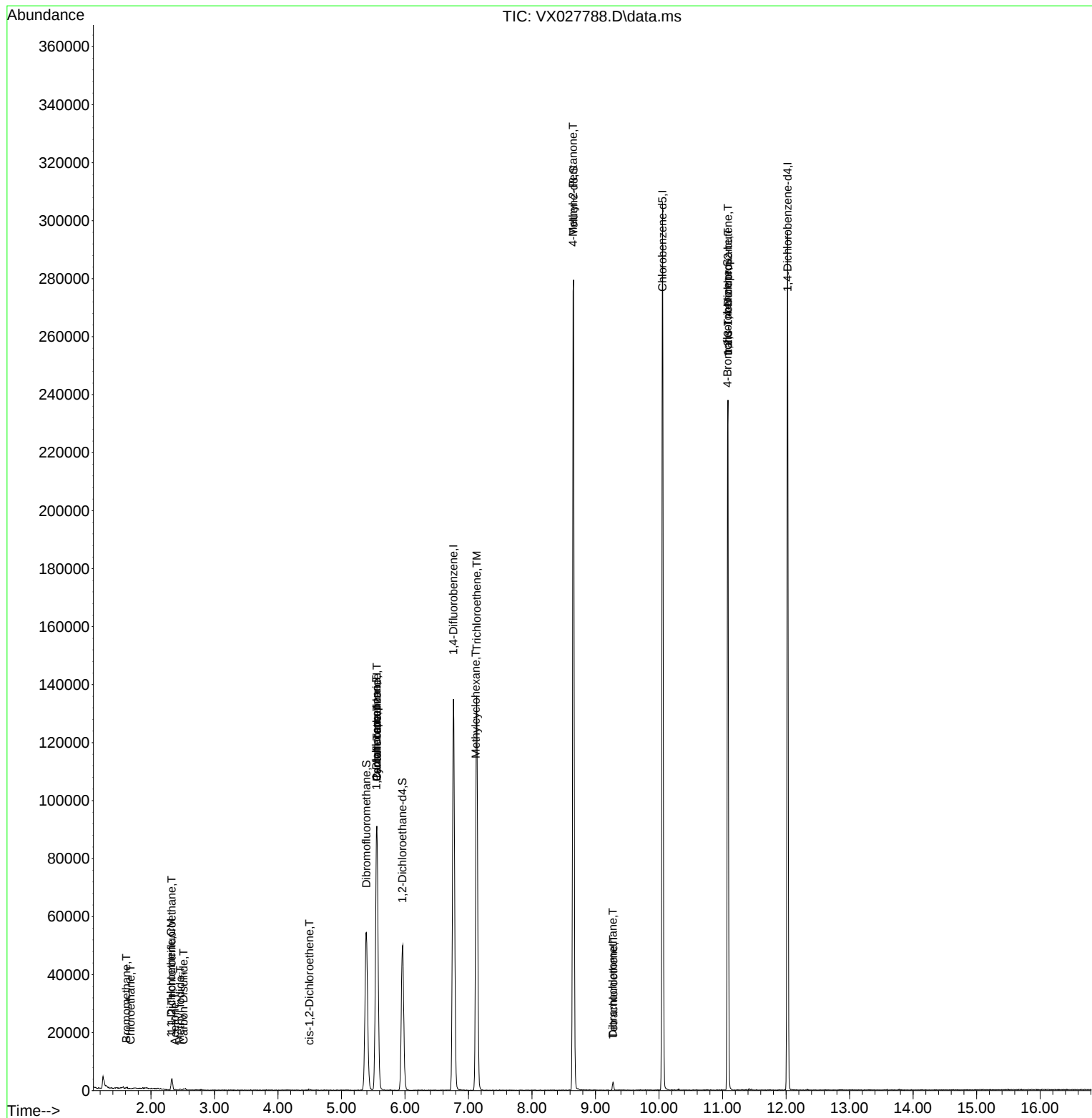
Internal Standards						
1) Pentafluorobenzene	5.556	168	84026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	142771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49663	45.808	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.620%
35) Dibromofluoromethane	5.391	113	48137	52.235	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.460%
50) Toluene-d8	8.653	98	169836	52.379	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.760%
62) 4-Bromofluorobenzene	11.079	95	65030	47.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.380%
Target Compounds	Qvalue					
5) Bromomethane	1.611	94	240	0.771	ug/l	85
6) Chloroethane	1.679	64	167	0.359	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.325	101	1470	1.868	ug/l	97
10) Methyl Iodide	2.459	142	337	0.369	ug/l	# 89
12) 1,1-Dichloroethene	2.319	96	285	0.395	ug/l	# 65
16) Acetone	2.373	43	216	0.450	ug/l	# 39
17) Carbon Disulfide	2.514	76	320	0.217	ug/l	# 75
27) cis-1,2-Dichloroethene	4.495	96	223	0.236	ug/l	52
31) Cyclohexane	5.556	56	1881	1.570	ug/l	# 17
36) 1,1-Dichloropropene	5.550	75	6966	6.002	ug/l	# 48
38) Carbon Tetrachloride	5.556	117	8970	6.995	ug/l	# 15
39) Methylcyclohexane	7.117	83	702	0.514	ug/l	# 1
44) Trichloroethene	7.129	130	53758	56.238	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	744	0.465	ug/l	# 1
60) Dibromochloromethane	9.275	129	559	0.549	ug/l	# 9
64) Tetrachloroethene	9.281	164	484	0.570	ug/l	86
76) 1,2,3-Trichloropropane	11.085	75	36181	28.250	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	36181	82.491	ug/l	# 15

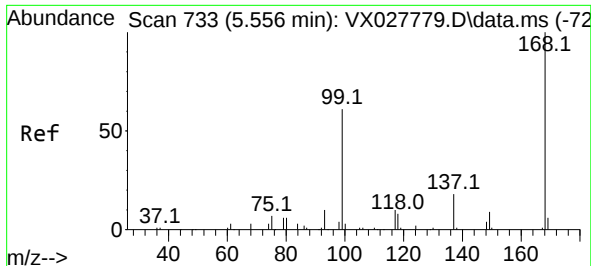
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE120D2-20220316DL

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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

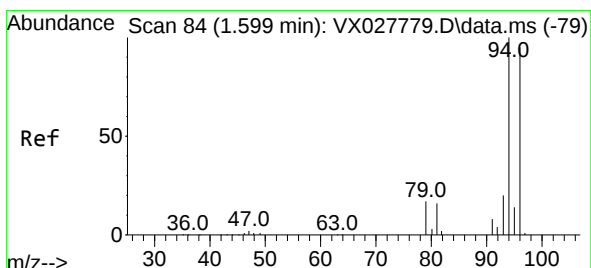
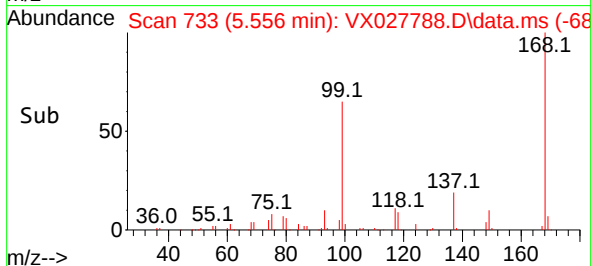
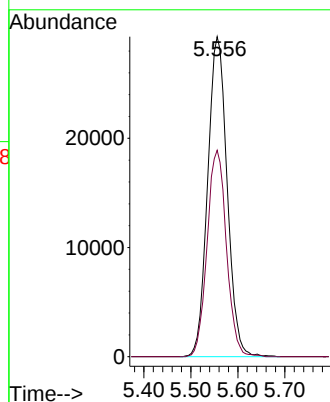
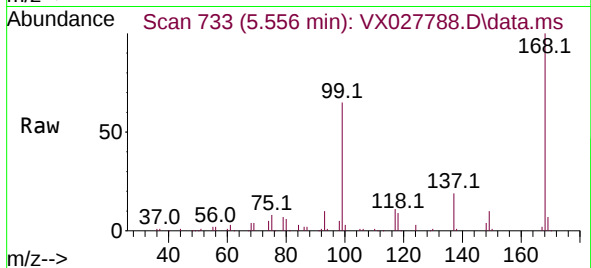




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

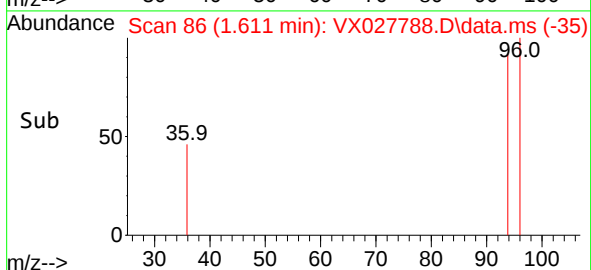
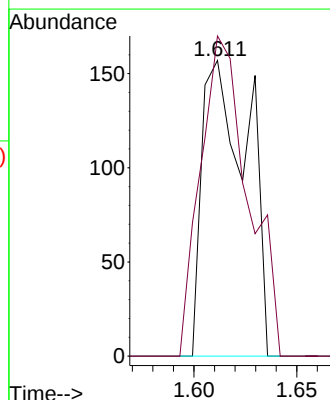
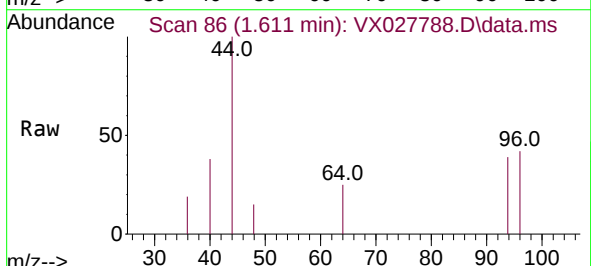
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

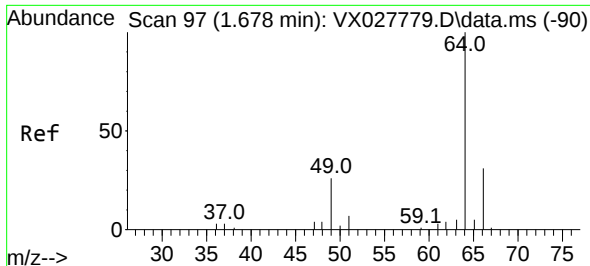
Tgt Ion:168 Resp: 84026
Ion Ratio Lower Upper
168 100
99 64.5 41.7 62.5#



#5
Bromomethane
Concen: 0.771 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion: 94 Resp: 240
Ion Ratio Lower Upper
94 100
96 108.3 75.3 112.9

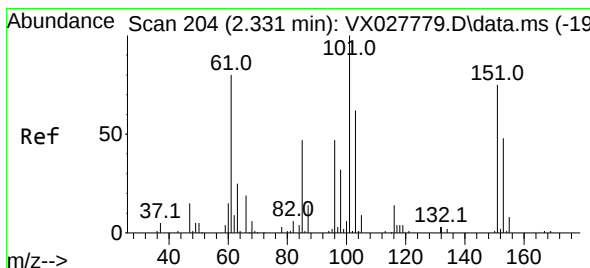
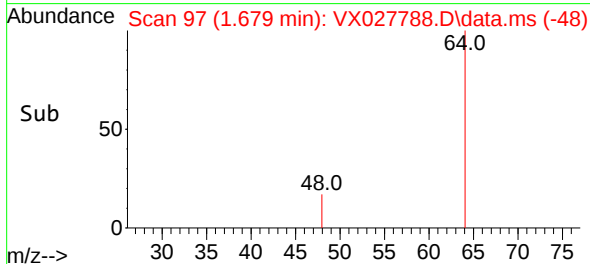
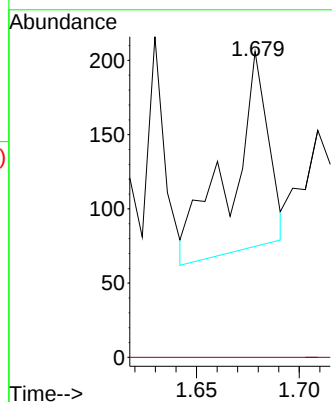
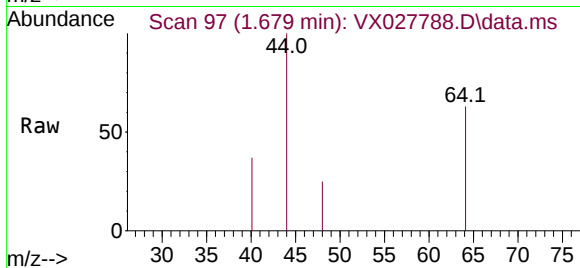




#6
Chloroethane
Concen: 0.359 ug/l
RT: 1.679 min Scan# 91
Delta R.T. 0.001 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

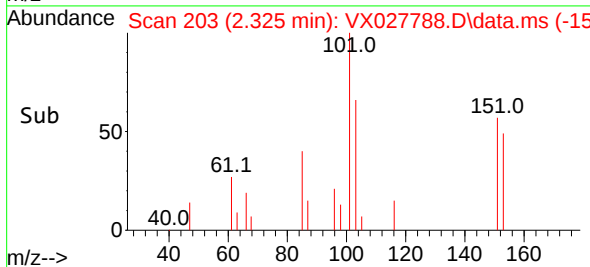
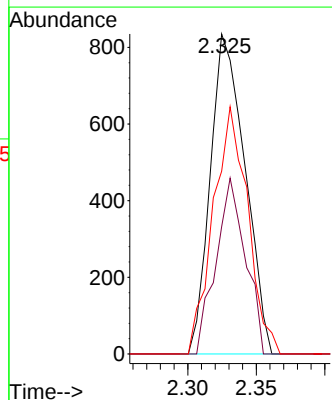
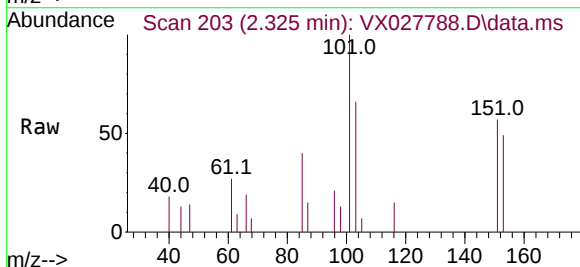
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

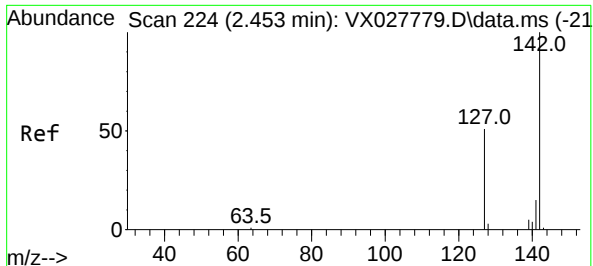
Tgt Ion: 64 Resp: 167
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.868 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

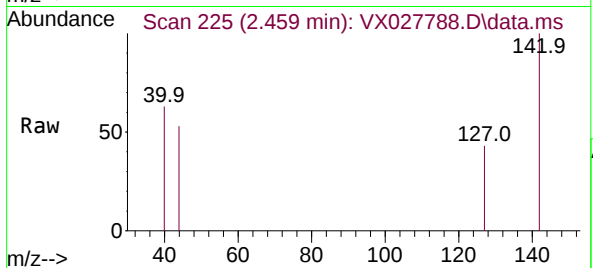
Tgt Ion: 101 Resp: 1470
Ion Ratio Lower Upper
101 100
85 46.7 33.5 50.3
151 77.0 61.8 92.6



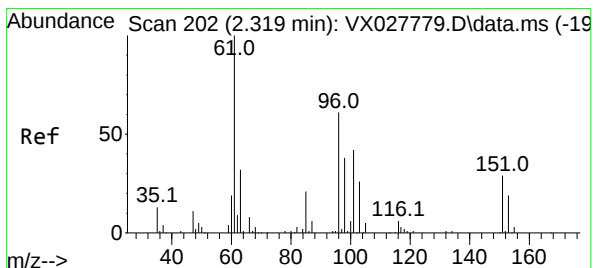
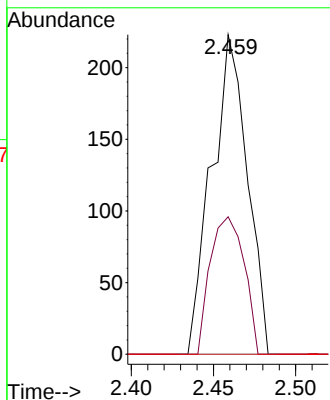
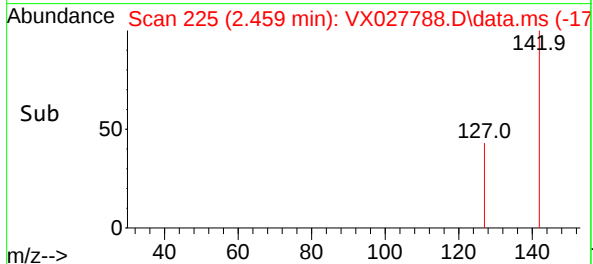


#10
Methyl Iodide
Concen: 0.369 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

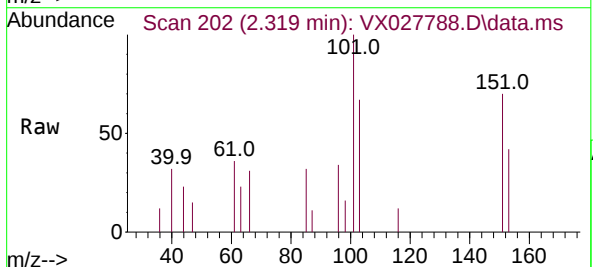
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL



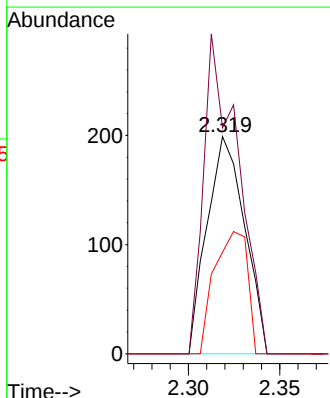
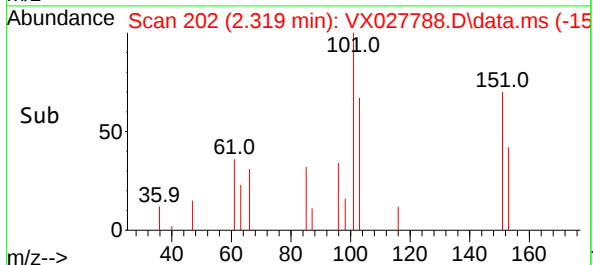
Tgt Ion:142 Resp: 337
Ion Ratio Lower Upper
142 100
127 40.9 33.9 50.9
141 0.0 11.4 17.2#

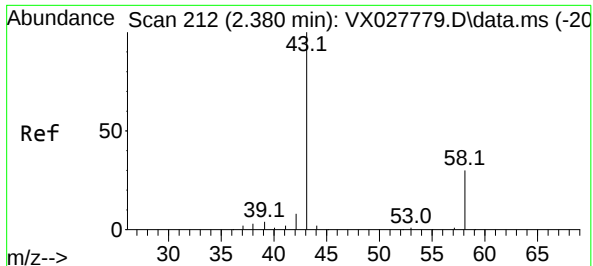


#12
1,1-Dichloroethene
Concen: 0.395 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05



Tgt Ion: 96 Resp: 285
Ion Ratio Lower Upper
96 100
61 104.0 124.6 187.0#
98 46.7 51.0 76.4#

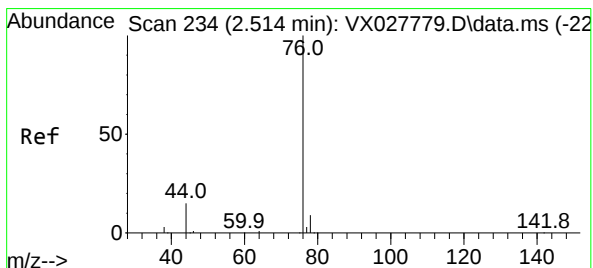
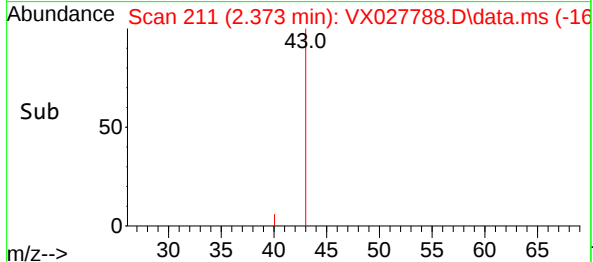
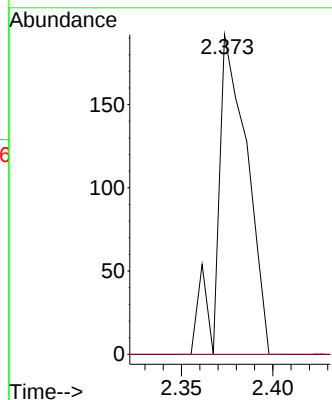
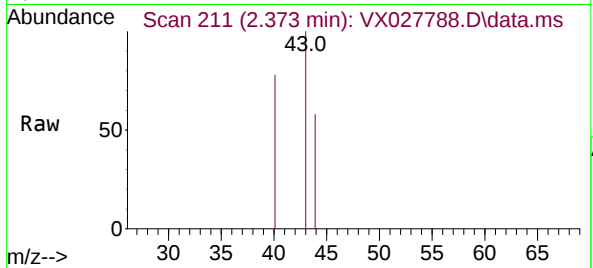




#16
Acetone
Concen: 0.450 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

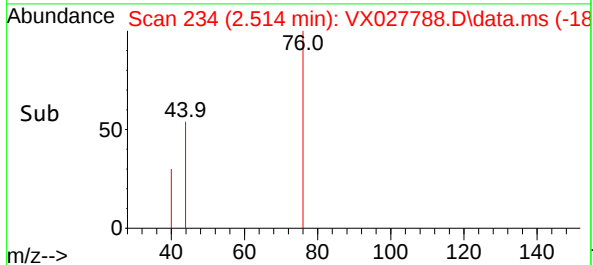
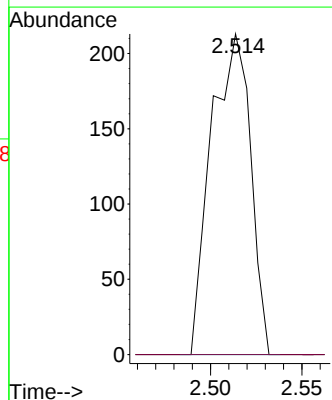
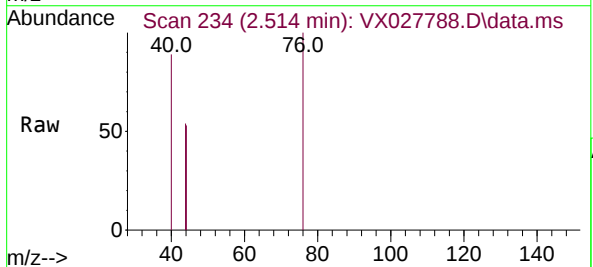
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

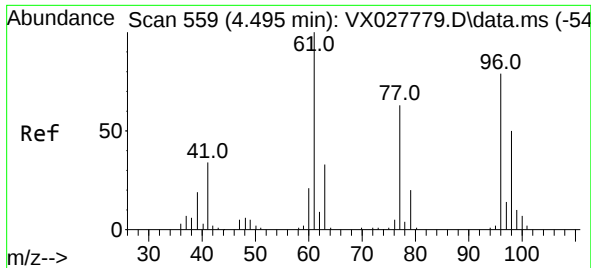
Tgt Ion: 43 Resp: 216
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#



#17
Carbon Disulfide
Concen: 0.217 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion: 76 Resp: 320
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

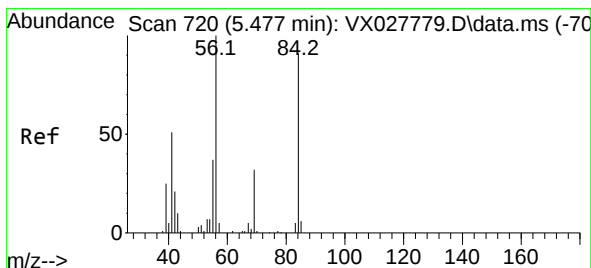
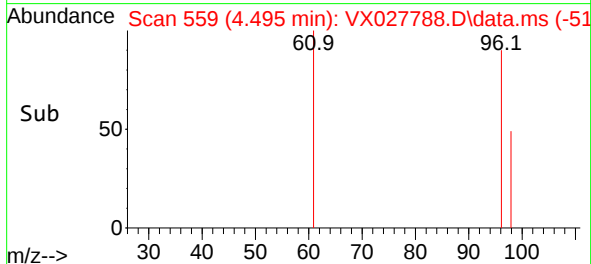
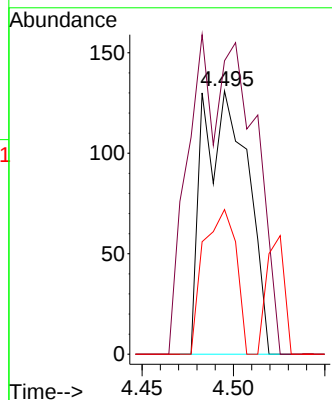
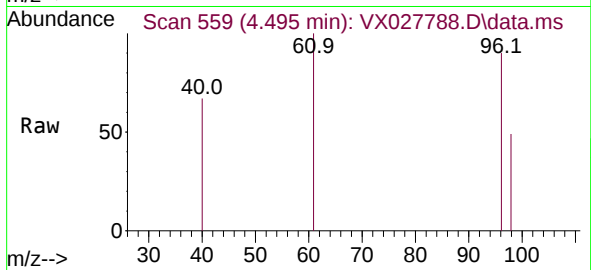




#27
 cis-1,2-Dichloroethene
 Concen: 0.236 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX027788.D
 Acq: 29 Mar 2022 21:05

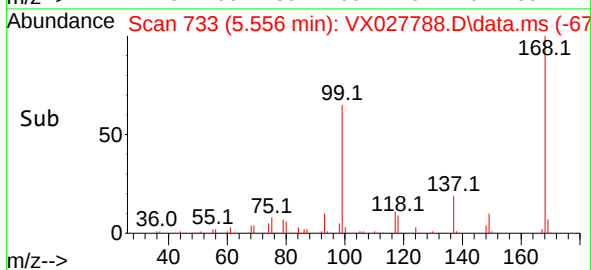
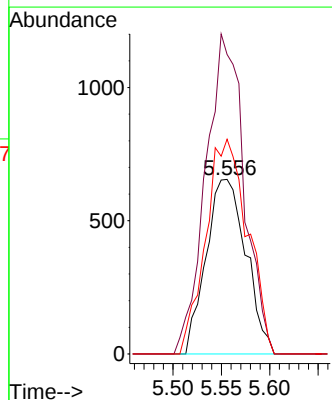
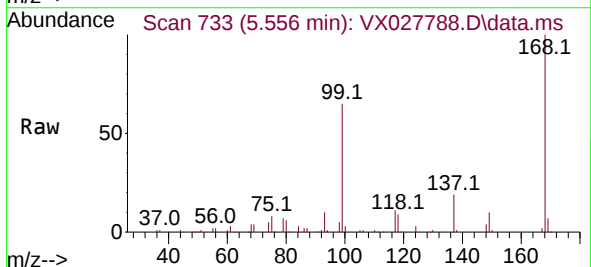
Instrument :
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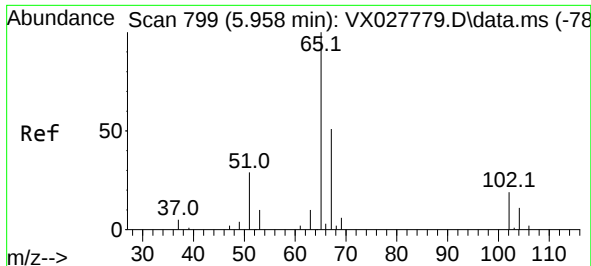
Tgt Ion: 96 Resp: 223
 Ion Ratio Lower Upper
 96 100
 61 73.5 0.0 283.8
 98 40.4 0.0 129.8



#31
 Cyclohexane
 Concen: 1.570 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. 0.079 min
 Lab File: VX027788.D
 Acq: 29 Mar 2022 21:05

Tgt Ion: 56 Resp: 1881
 Ion Ratio Lower Upper
 56 100
 69 171.6 26.7 40.1#
 84 123.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 45.808 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027788.D

Acq: 29 Mar 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

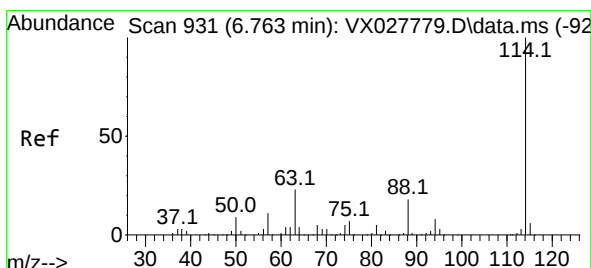
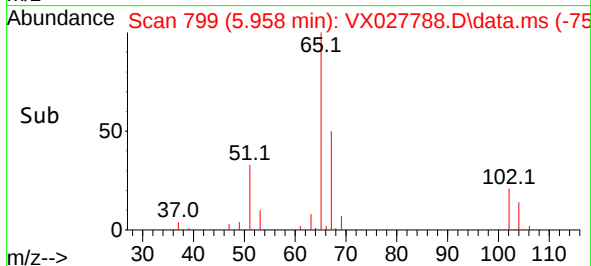
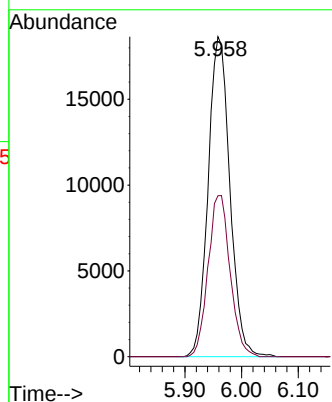
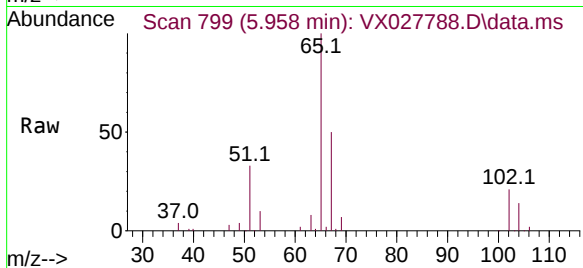
RE120D2-20220316DL

Tgt Ion: 65 Resp: 49663

Ion Ratio Lower Upper

65 100

67 51.0 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027788.D

Acq: 29 Mar 2022 21:05

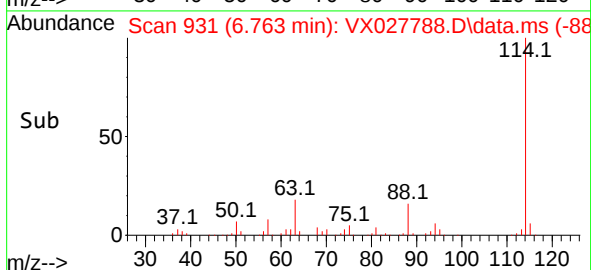
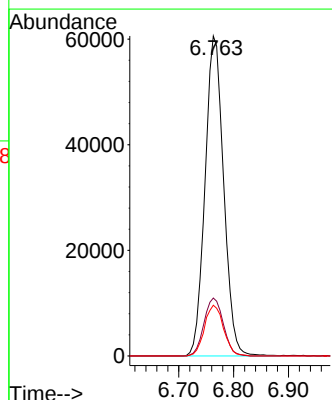
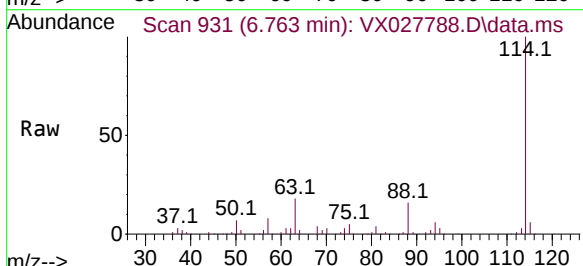
Tgt Ion: 114 Resp: 142771

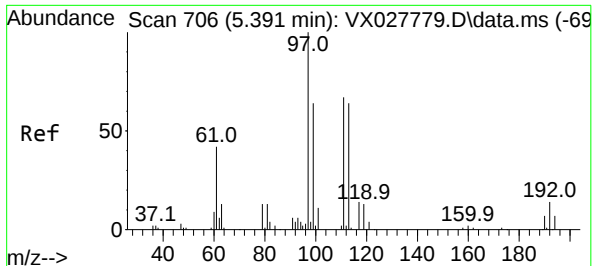
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.8 0.0 32.4





#35

Dibromofluoromethane

Concen: 52.235 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027788.D

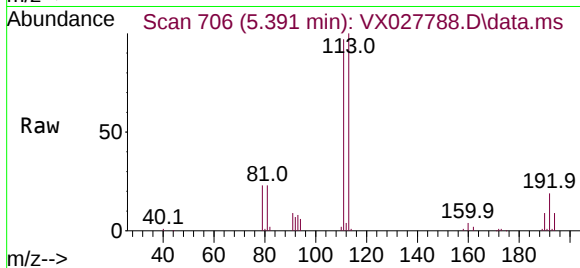
Acq: 29 Mar 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20220316DL



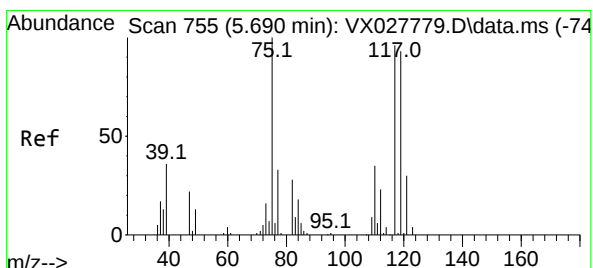
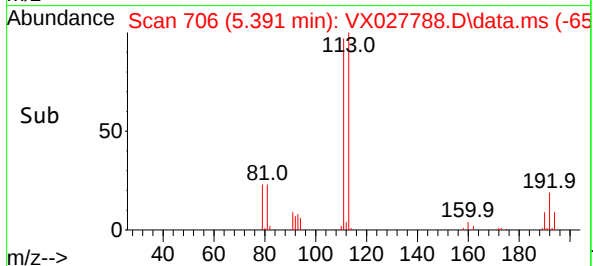
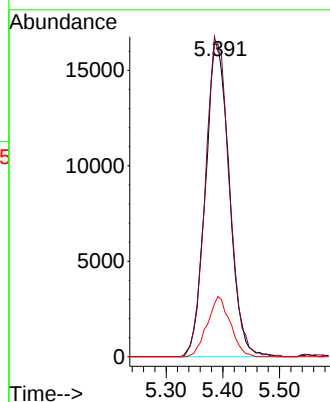
Tgt Ion:113 Resp: 48137

Ion Ratio Lower Upper

113 100

111 101.9 82.8 124.2

192 18.4 16.9 25.3



#36

1,1-Dichloropropene

Concen: 6.002 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX027788.D

Acq: 29 Mar 2022 21:05

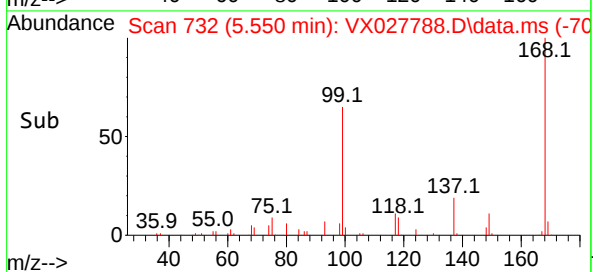
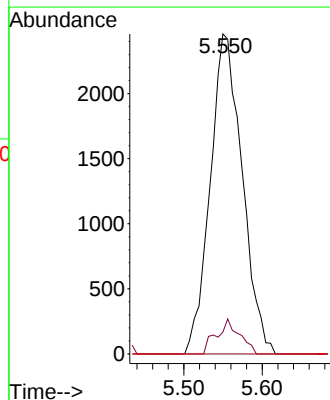
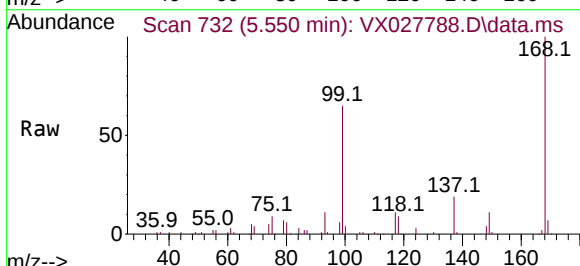
Tgt Ion: 75 Resp: 6966

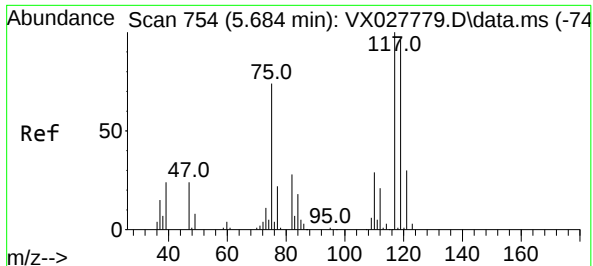
Ion Ratio Lower Upper

75 100

110 7.8 18.3 54.8#

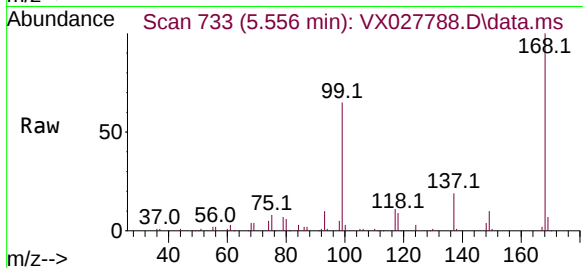
77 0.0 24.8 37.2#



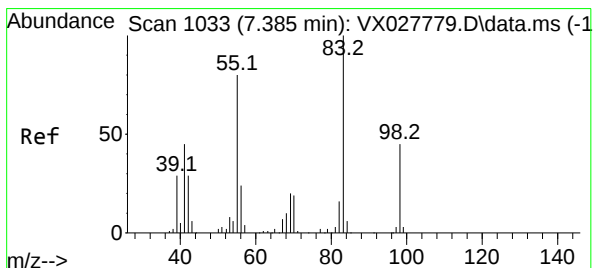
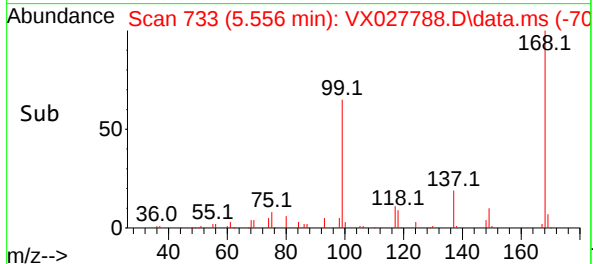
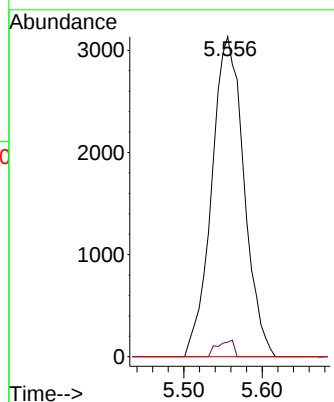


#38
Carbon Tetrachloride
Concen: 6.995 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

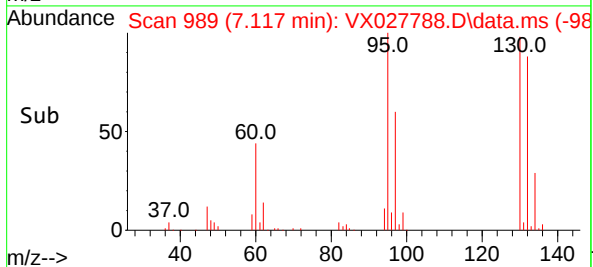
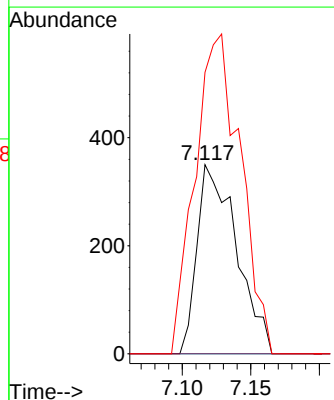
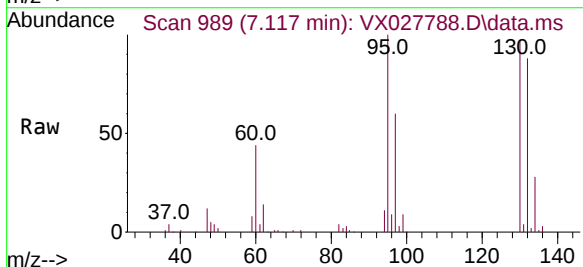


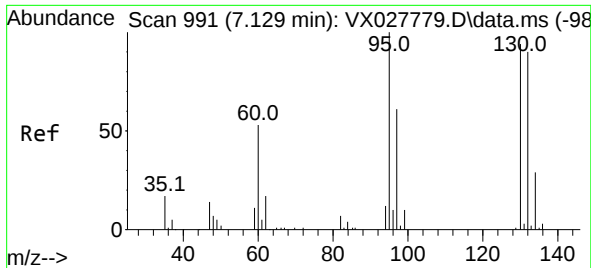
Tgt Ion:117 Resp: 8970
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.514 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.268 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion: 83 Resp: 702
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 148.9 37.4 56.2#

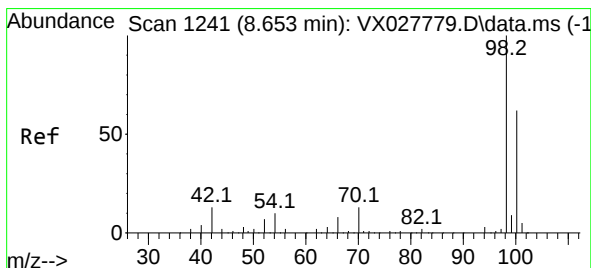
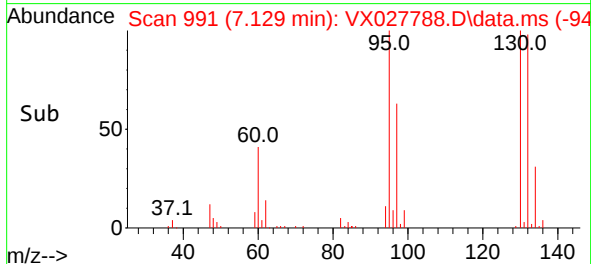
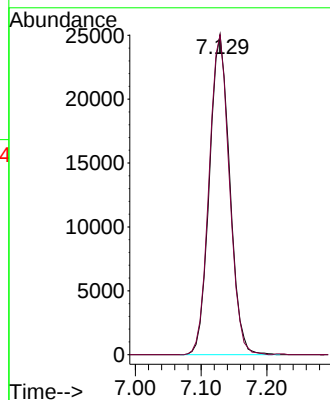
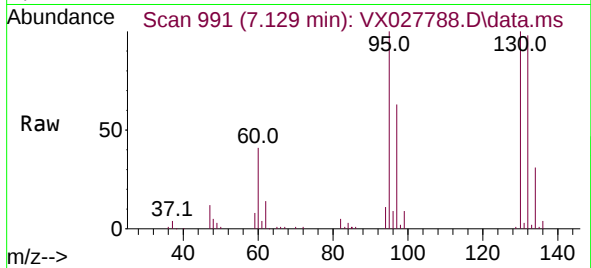




#44
Trichloroethene
Concen: 56.238 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

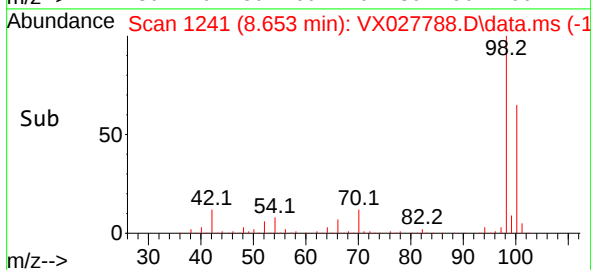
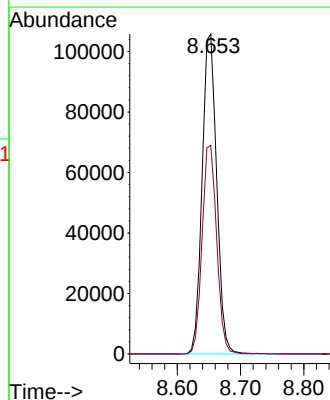
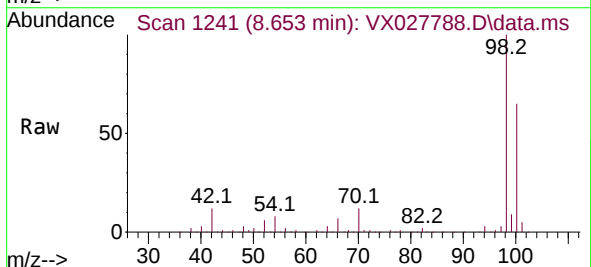
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

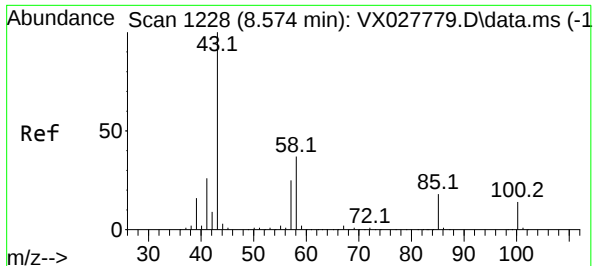
Tgt Ion:130 Resp: 53758
Ion Ratio Lower Upper
130 100
95 99.9 0.0 188.8



#50
Toluene-d8
Concen: 52.379 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion: 98 Resp: 169836
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

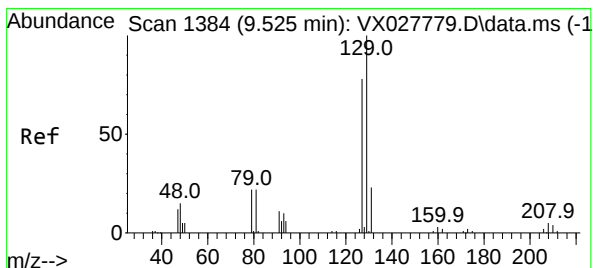
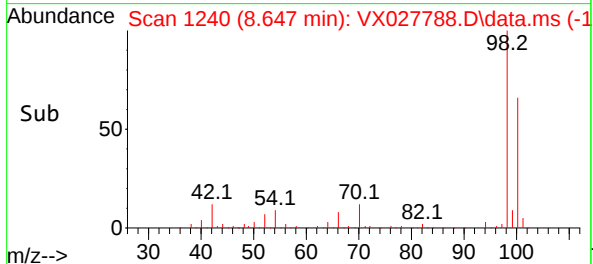
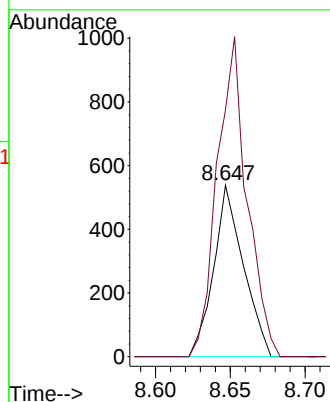
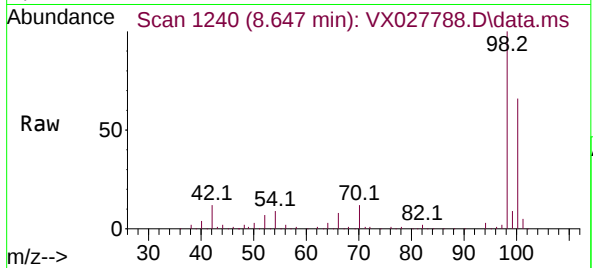




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

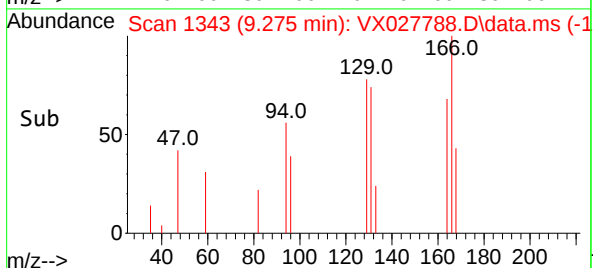
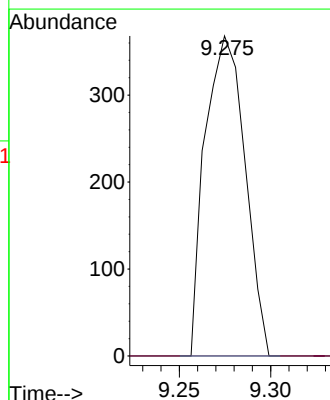
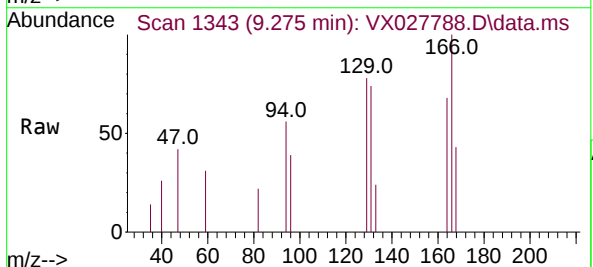
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

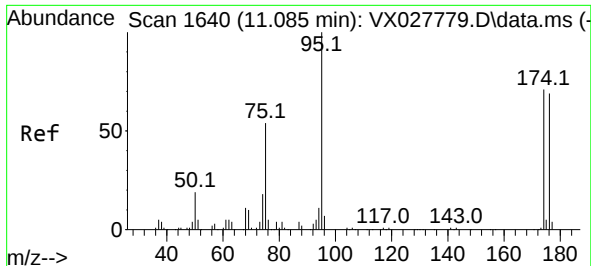
Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 187.6 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.549 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion: 129 Resp: 559
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#





#62

4-Bromofluorobenzene

Concen: 47.195 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX027788.D

Acq: 29 Mar 2022 21:05

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20220316DL

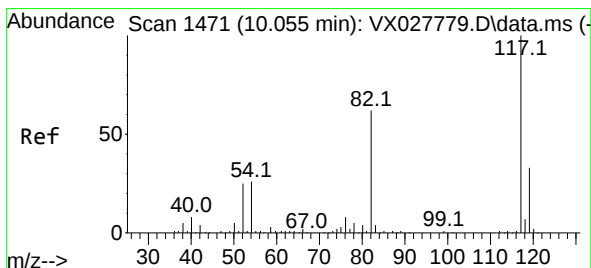
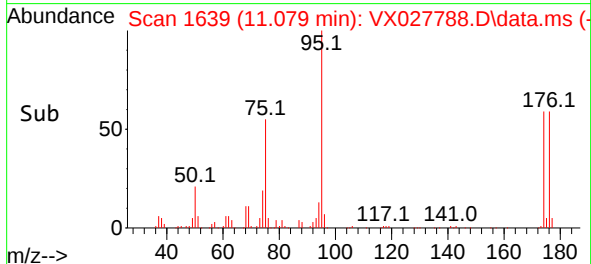
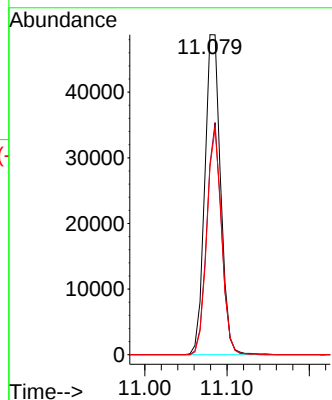
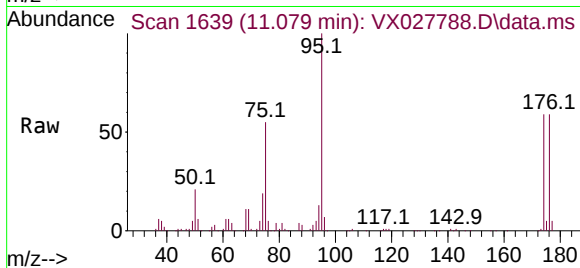
Tgt Ion: 95 Resp: 65030

Ion Ratio Lower Upper

95 100

174 67.2 0.0 163.0

176 66.2 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: VX027788.D

Acq: 29 Mar 2022 21:05

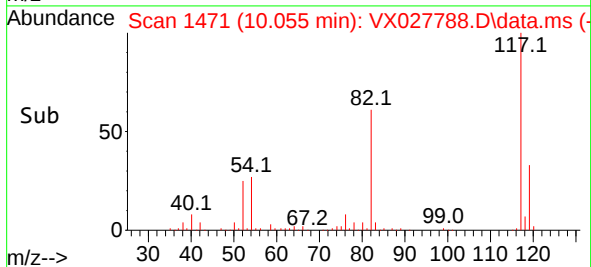
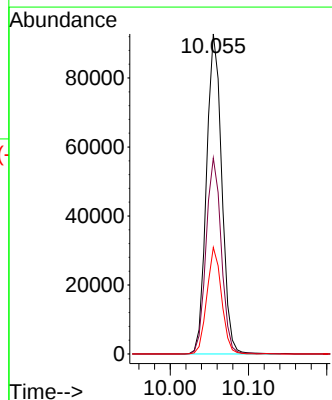
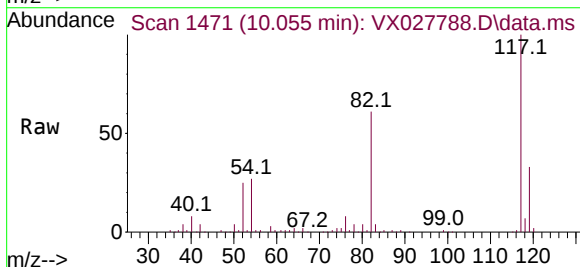
Tgt Ion: 117 Resp: 125316

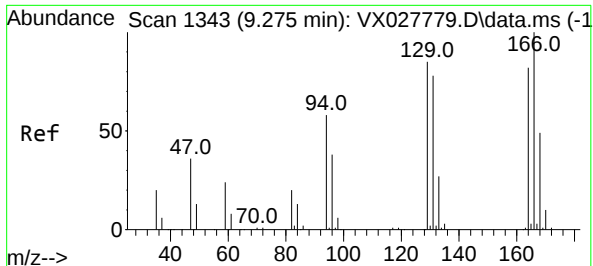
Ion Ratio Lower Upper

117 100

82 61.2 41.8 62.8

119 33.3 24.8 37.2



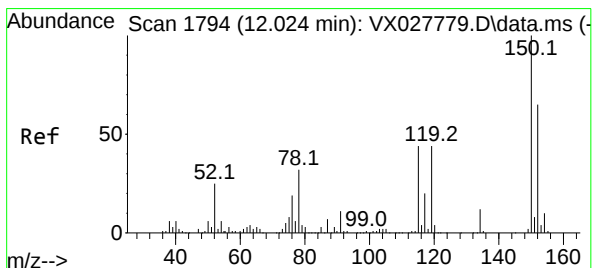
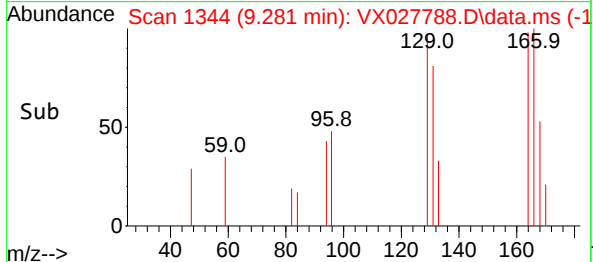
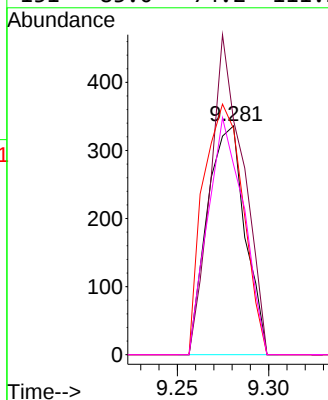
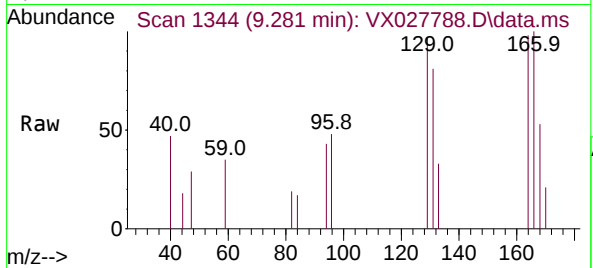


#64
Tetrachloroethene
Concen: 0.570 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

Tgt Ion:164 Resp: 484

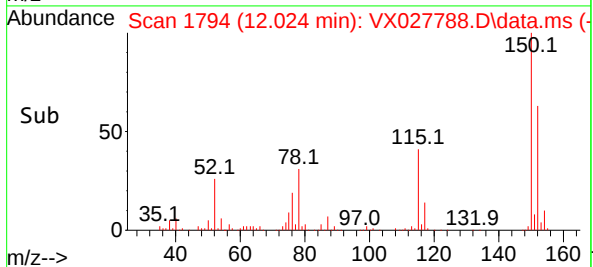
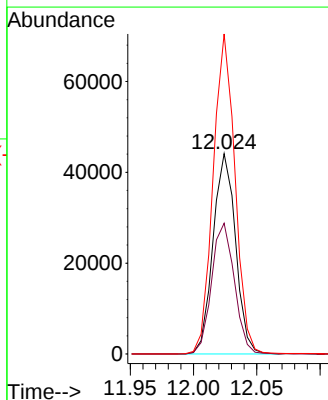
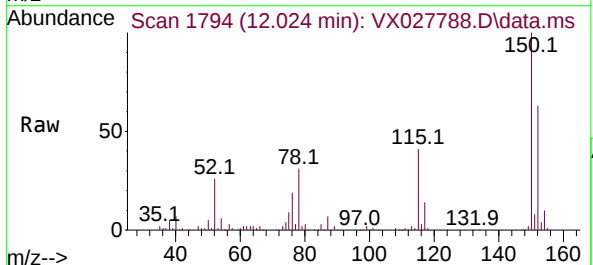
Ion	Ratio	Lower	Upper
164	100		
166	102.4	101.2	151.8
129	98.8	73.0	109.4
131	83.0	74.2	111.2

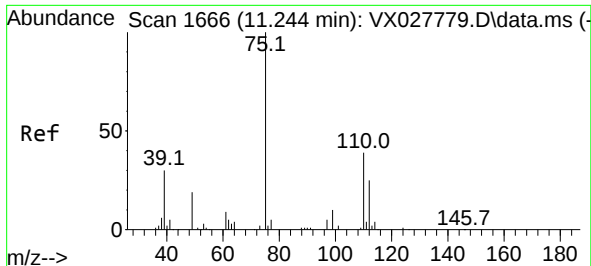


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion:152 Resp: 54596

Ion	Ratio	Lower	Upper
152	100		
115	66.1	37.5	112.7
150	155.2	0.0	338.2

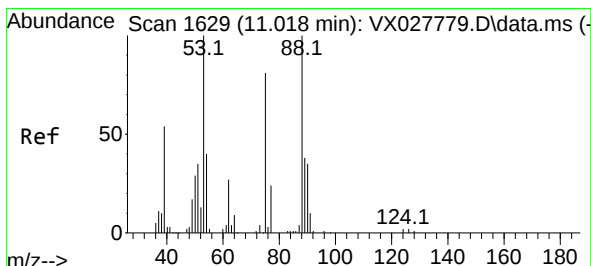
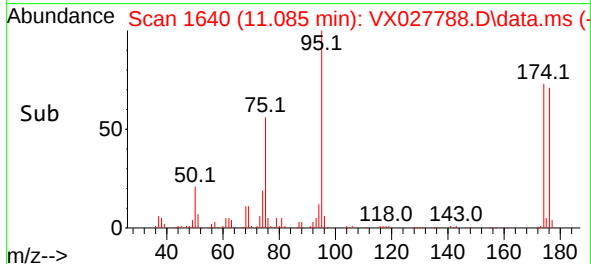
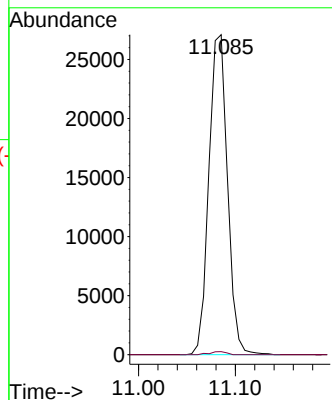
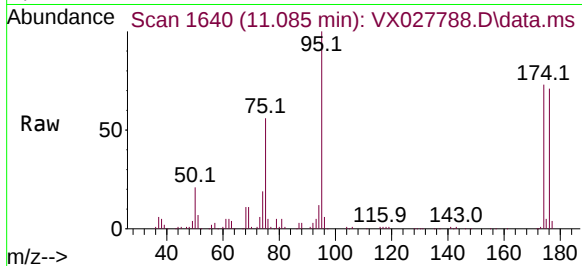




#76
1,2,3-Trichloropropane
Concen: 28.250 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20220316DL

Tgt Ion: 75 Resp: 36181
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.491 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027788.D
Acq: 29 Mar 2022 21:05

Tgt Ion: 75 Resp: 36181
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

