

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032922\
 Data File : VX027787.D
 Acq On : 29 Mar 2022 20:42
 Operator : JC/MD
 Sample : N2041-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D1-20220316DL

Quant Time: Mar 30 05:14:58 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)

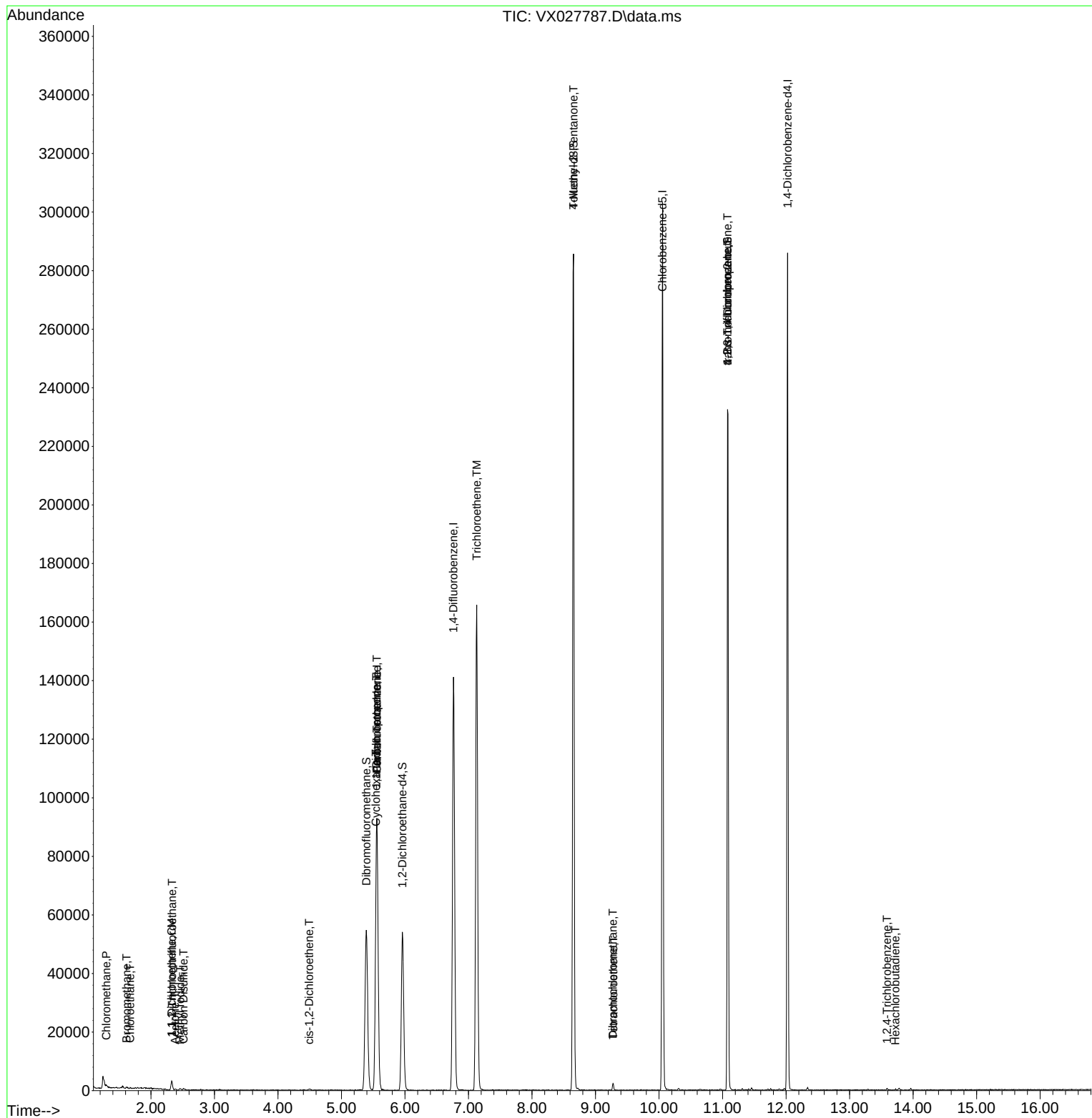
Internal Standards						
1) Pentafluorobenzene	5.556	168	85928	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	146354	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	51252	46.227	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.460%		
35) Dibromofluoromethane	5.391	113	48315	51.144	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.280%		
50) Toluene-d8	8.653	98	163640	49.233	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.460%		
62) 4-Bromofluorobenzene	11.079	95	63600	45.027	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.060%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	184	0.267	ug/l #	42
5) Bromomethane	1.617	94	218	0.685	ug/l #	80
6) Chloroethane	1.672	64	224	0.471	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	868	1.079	ug/l	92
10) Methyl Iodide	2.459	142	554	0.593	ug/l #	85
12) 1,1-Dichloroethene	2.325	96	450	0.610	ug/l	96
16) Acetone	2.380	43	314	0.640	ug/l #	81
17) Carbon Disulfide	2.514	76	628	0.416	ug/l #	75
27) cis-1,2-Dichloroethene	4.489	96	248	0.257	ug/l	82
31) Cyclohexane	5.544	56	1014	0.827	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6684	5.618	ug/l #	45
38) Carbon Tetrachloride	5.556	117	9204	7.002	ug/l #	15
44) Trichloroethene	7.129	130	61697	62.963	ug/l	92
51) 4-Methyl-2-Pentanone	8.653	43	828	0.505	ug/l #	1
60) Dibromochloromethane	9.275	129	403	0.386	ug/l #	9
64) Tetrachloroethene	9.281	164	427	0.517	ug/l #	79
76) 1,2,3-Trichloropropane	11.079	75	36397	30.026	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36397	87.456	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	218	0.209	ug/l	97
94) Hexachlorobutadiene	13.719	225	121	1.071	ug/l #	76

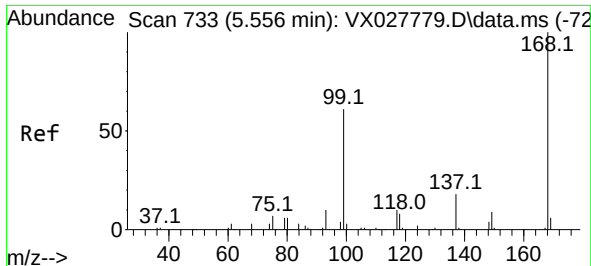
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

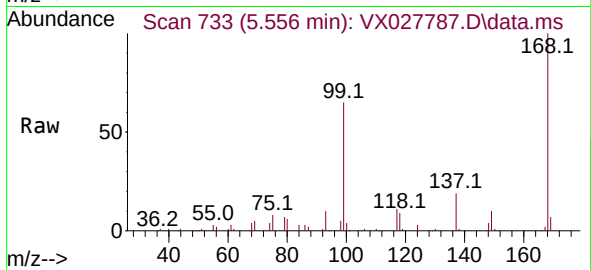
Quant Time: Mar 30 05:14:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration



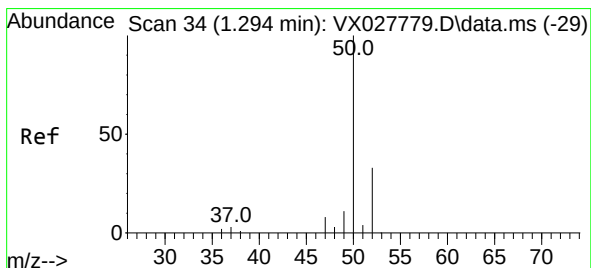
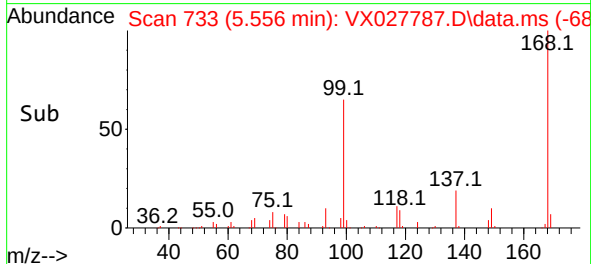
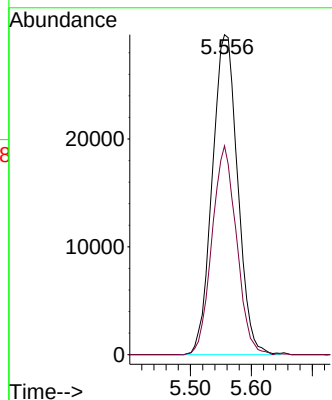


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

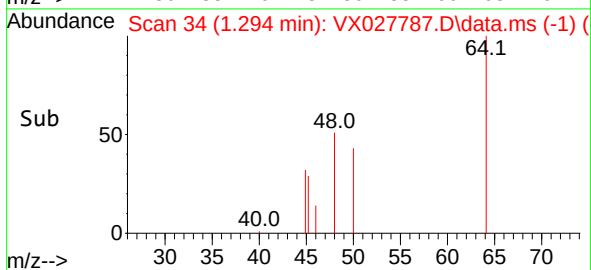
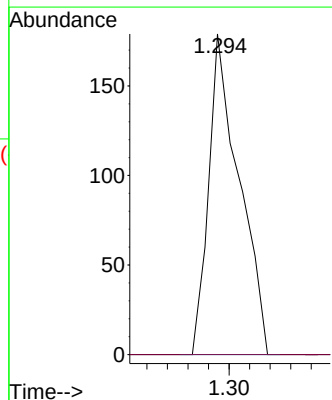
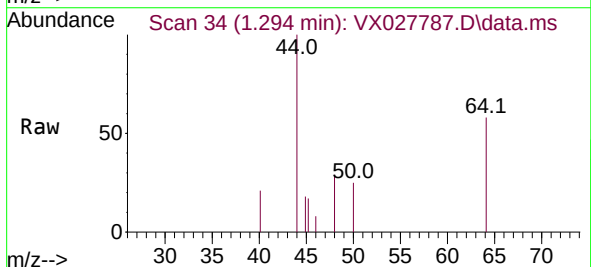


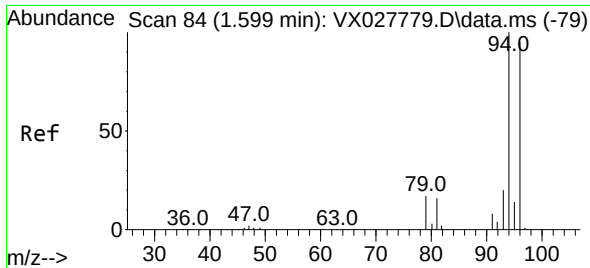
Tgt Ion:168 Resp: 85928
Ion Ratio Lower Upper
168 100
99 65.3 41.7 62.5#



#3
Chloromethane
Concen: 0.267 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

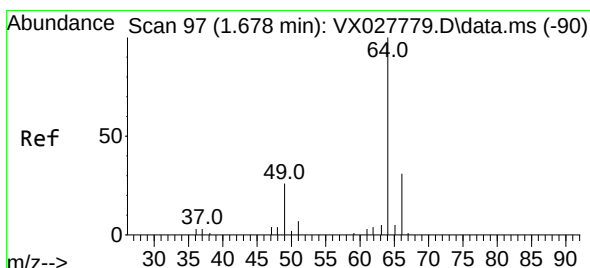
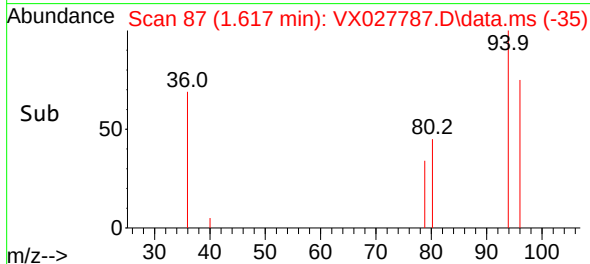
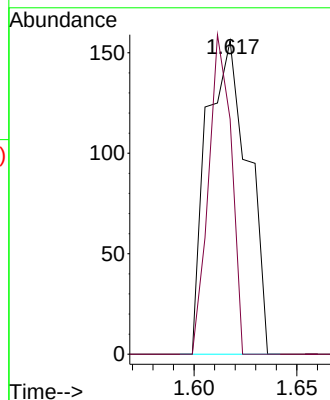
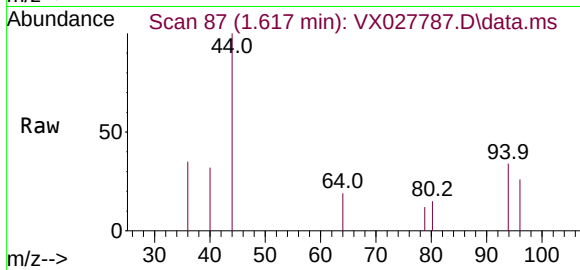




#5
Bromomethane
Concen: 0.685 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

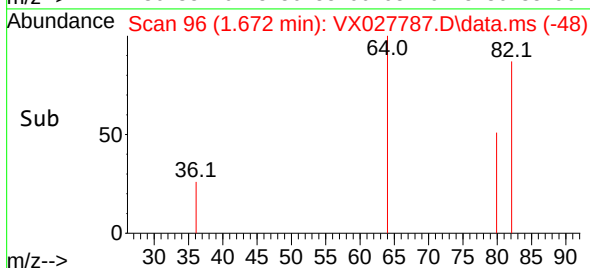
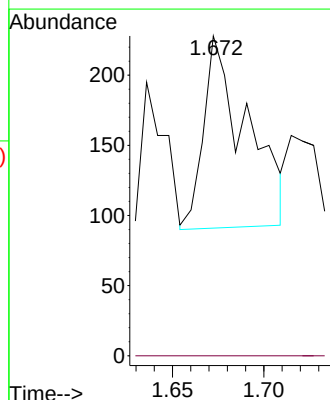
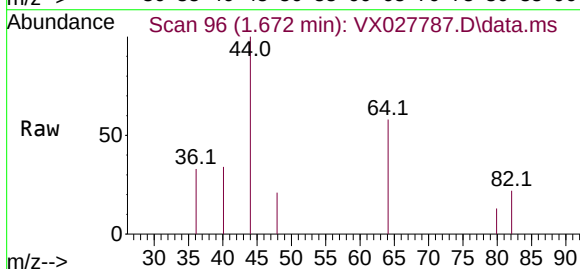
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

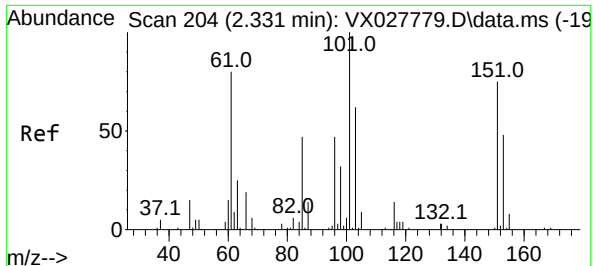
Tgt Ion: 94 Resp: 218
Ion Ratio Lower Upper
94 100
96 75.0 75.3 112.9#



#6
Chloroethane
Concen: 0.471 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.006 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 64 Resp: 224
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

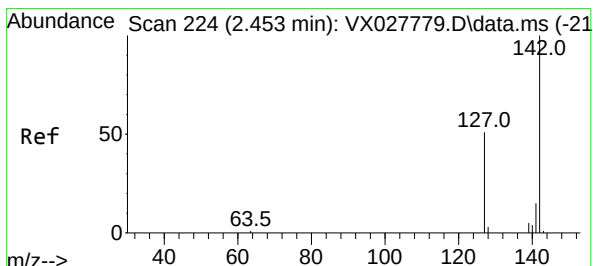
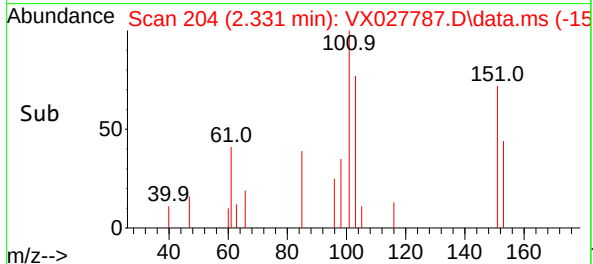
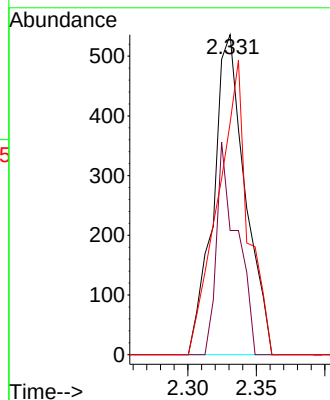
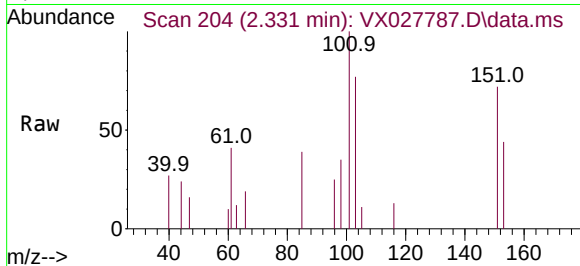




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.079 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

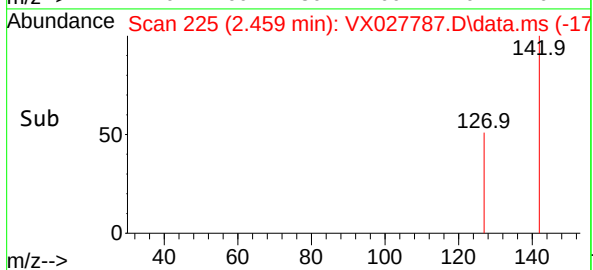
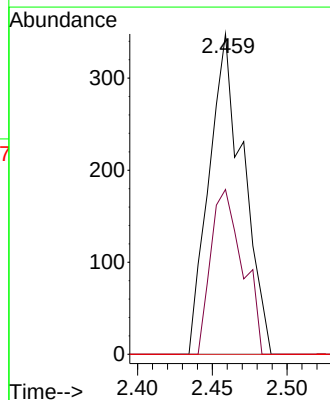
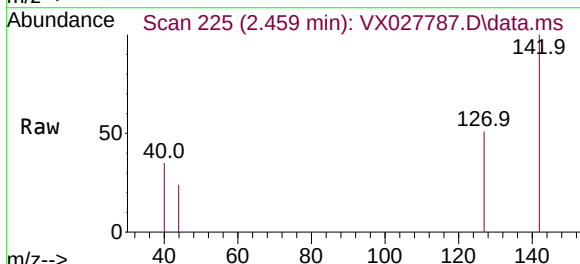
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

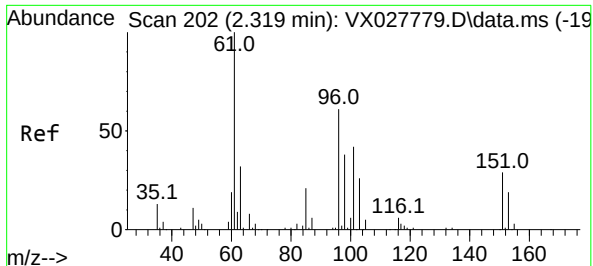
Tgt Ion:	101	Resp:	868
Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.5	50.3
151	87.2	61.8	92.6



#10
Methyl Iodide
Concen: 0.593 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion:	142	Resp:	554
Ion	Ratio	Lower	Upper
142	100		
127	48.0	33.9	50.9
141	0.0	11.4	17.2





#12

1,1-Dichloroethene

Concen: 0.610 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX027787.D

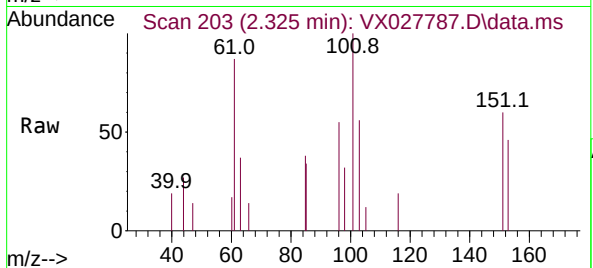
Acq: 29 Mar 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

RE120D1-20220316DL



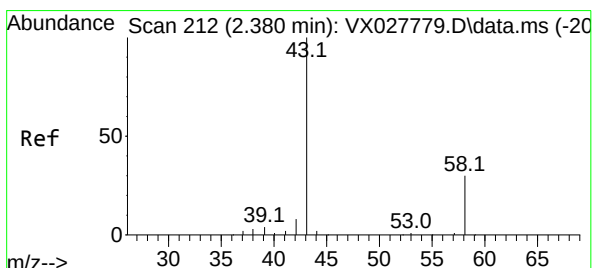
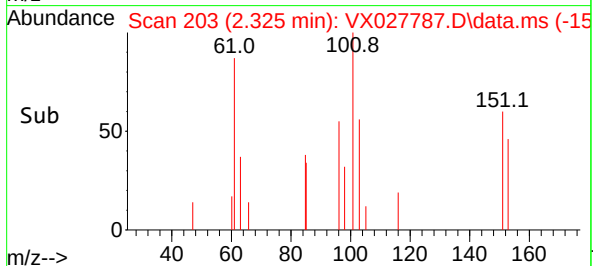
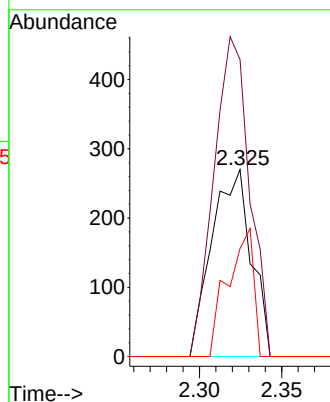
Tgt Ion: 96 Resp: 450

Ion Ratio Lower Upper

96 100

61 158.9 124.6 187.0

98 57.8 51.0 76.4



#16

Acetone

Concen: 0.640 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027787.D

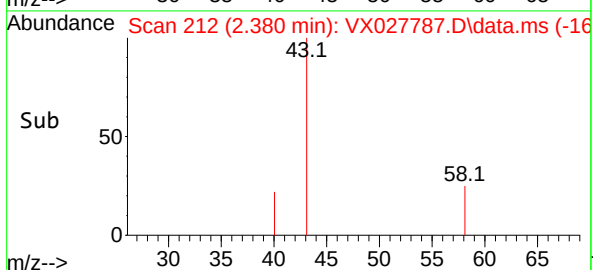
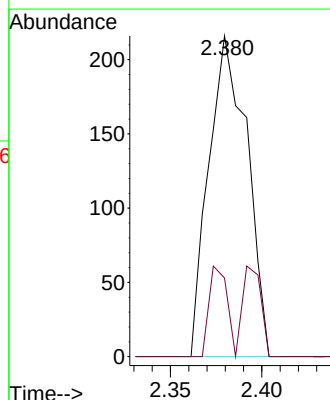
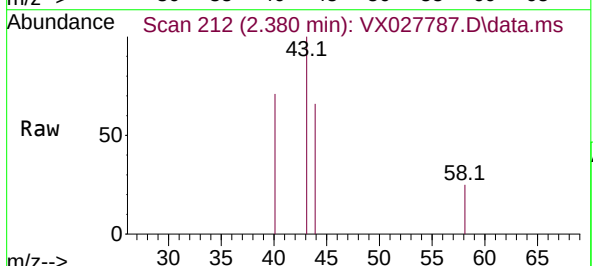
Acq: 29 Mar 2022 20:42

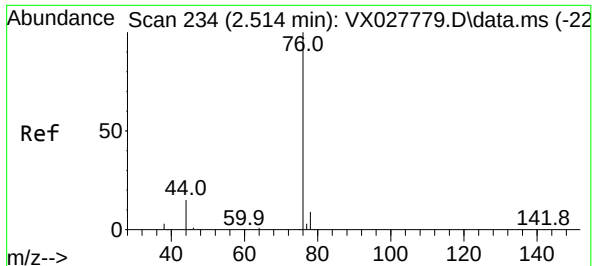
Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

43 100

58 24.5 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.416 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX027787.D

Acq: 29 Mar 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

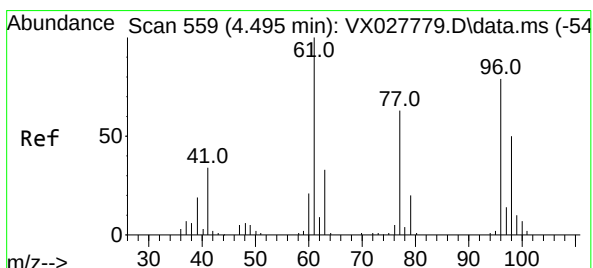
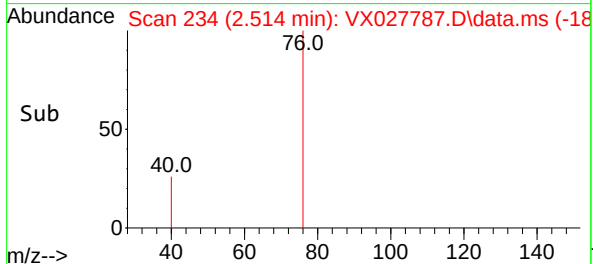
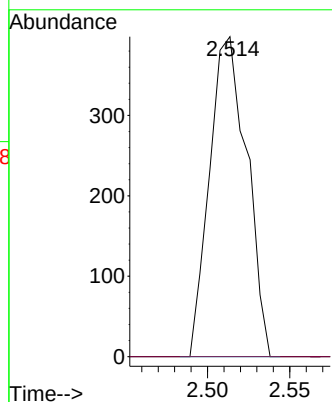
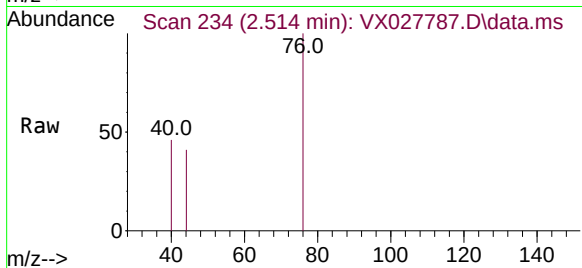
RE120D1-20220316DL

Tgt Ion: 76 Resp: 628

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#27

cis-1,2-Dichloroethene

Concen: 0.257 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX027787.D

Acq: 29 Mar 2022 20:42

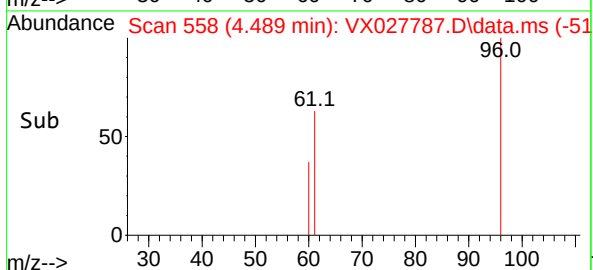
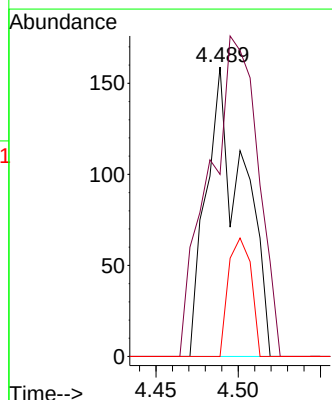
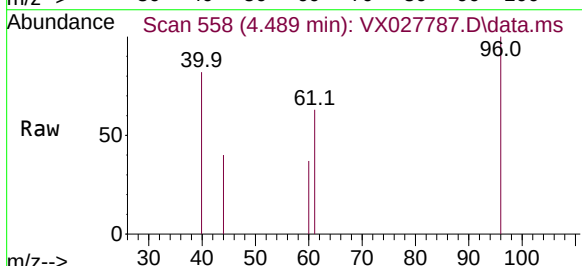
Tgt Ion: 96 Resp: 248

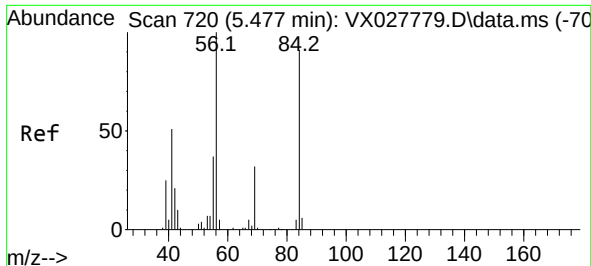
Ion Ratio Lower Upper

96 100

61 146.0 0.0 283.8

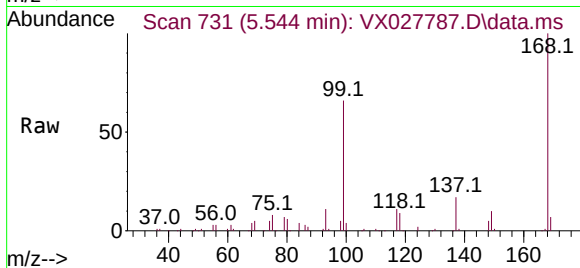
98 25.4 0.0 129.8



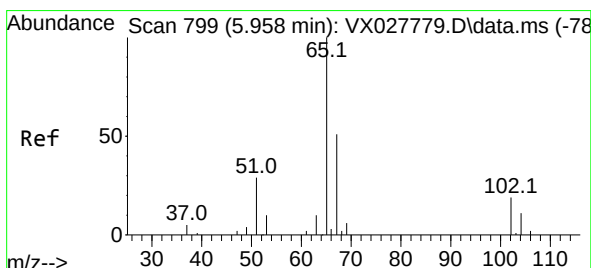
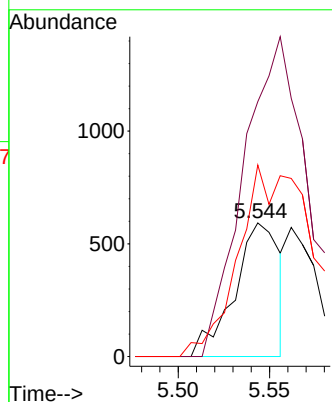
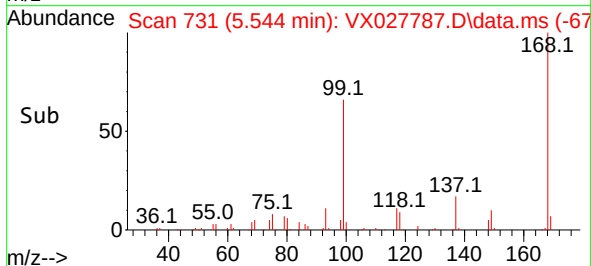


#31
Cyclohexane
Concen: 0.827 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

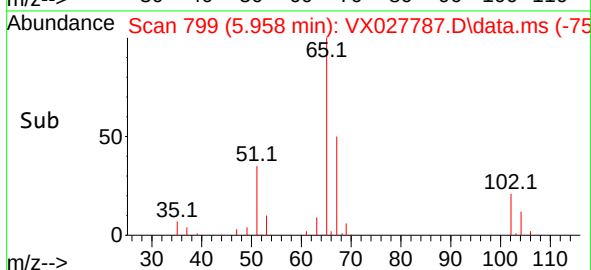
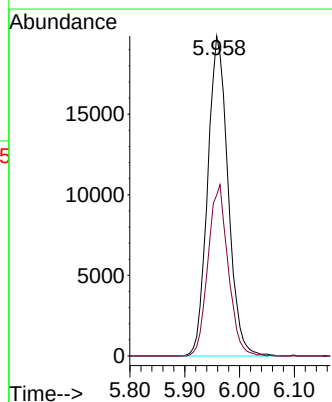
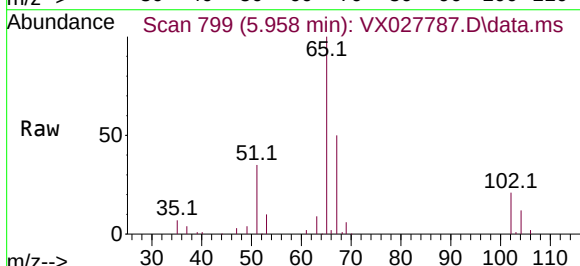


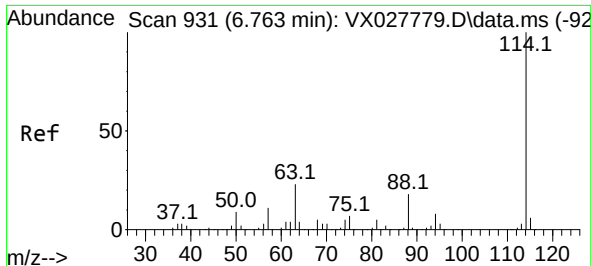
Tgt Ion: 56 Resp: 1014
Ion Ratio Lower Upper
56 100
69 190.7 26.7 40.1#
84 143.3 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 46.227 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 65 Resp: 51252
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.4

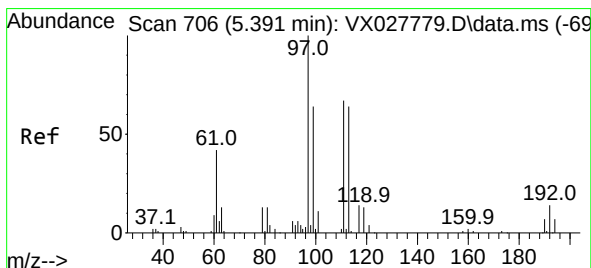
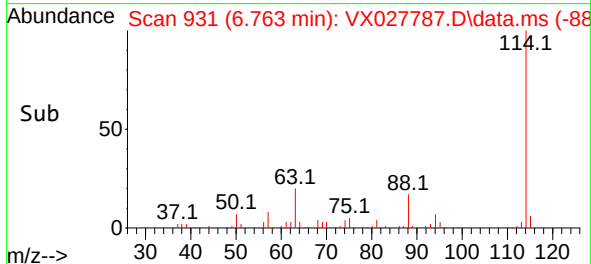
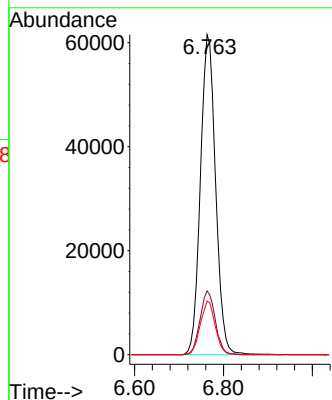
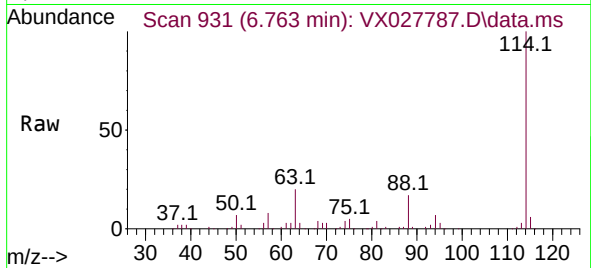




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

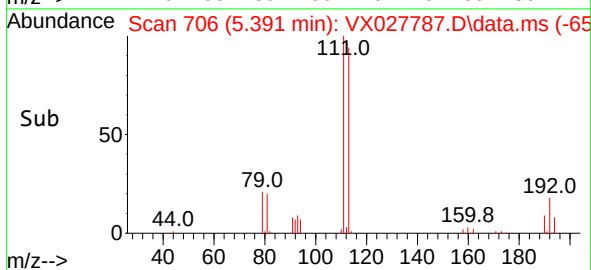
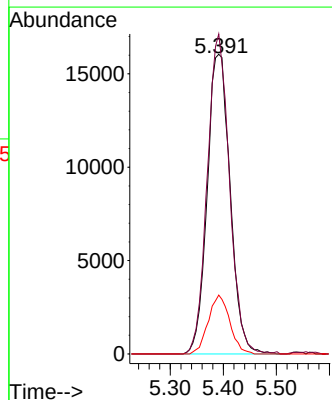
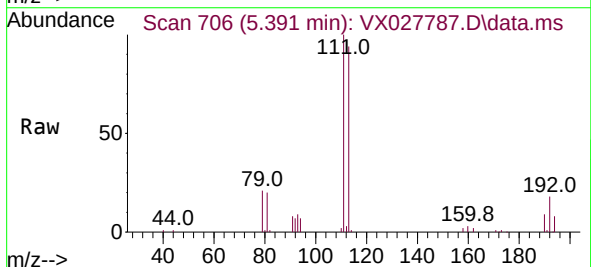
Instrument :
MSVOA_X
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RE120D1-20220316DL

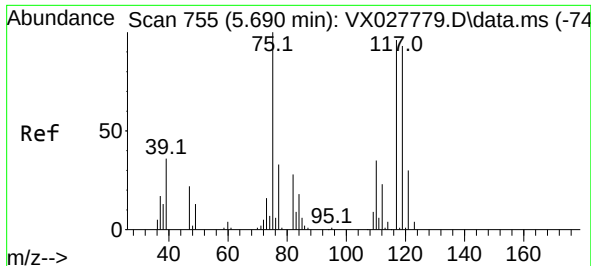
Tgt Ion:114 Resp: 146354
Ion Ratio Lower Upper
114 100
63 20.0 0.0 36.8
88 16.8 0.0 32.4



#35
Dibromofluoromethane
Concen: 51.144 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion:113 Resp: 48315
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.4 16.9 25.3

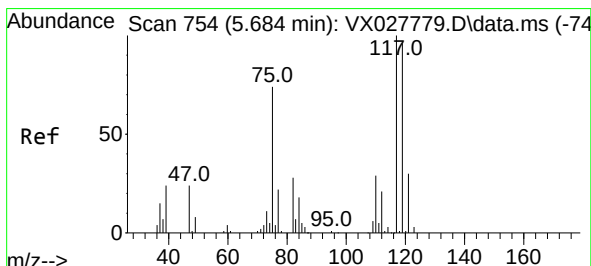
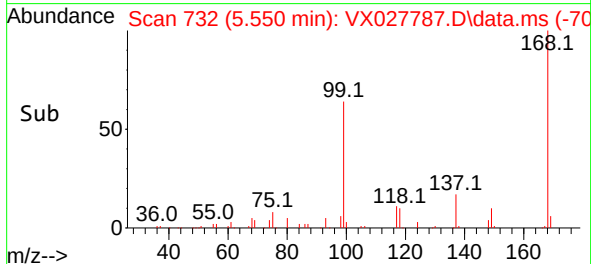
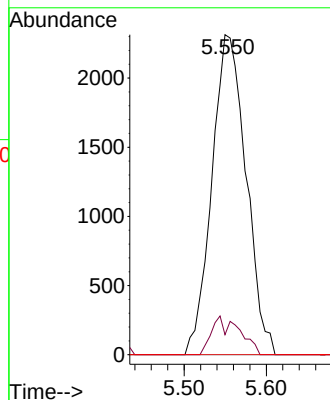
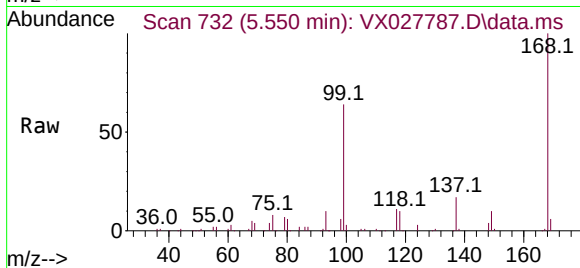




#36
1,1-Dichloropropene
Concen: 5.618 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

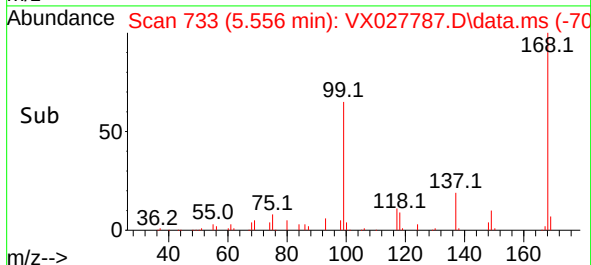
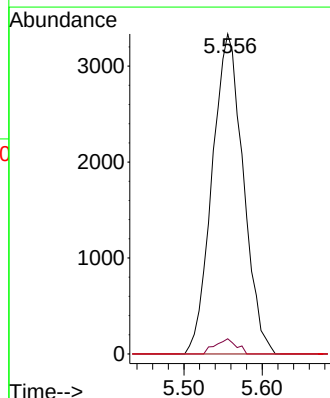
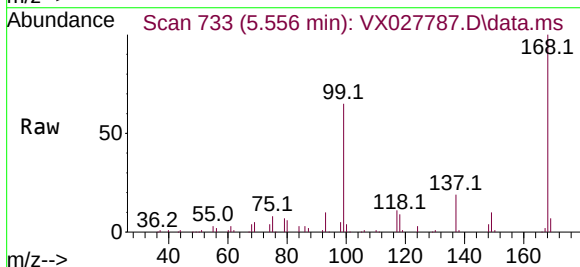
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

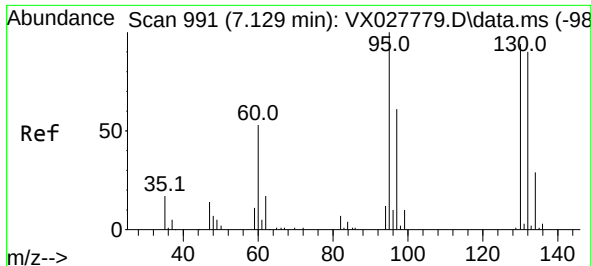
Tgt Ion: 75 Resp: 6684
Ion Ratio Lower Upper
75 100
110 4.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 7.002 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 117 Resp: 9204
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#

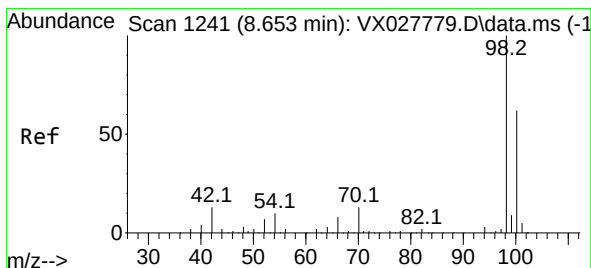
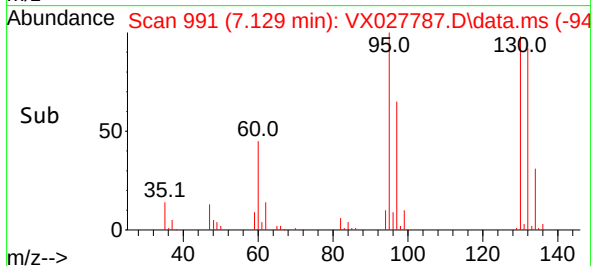
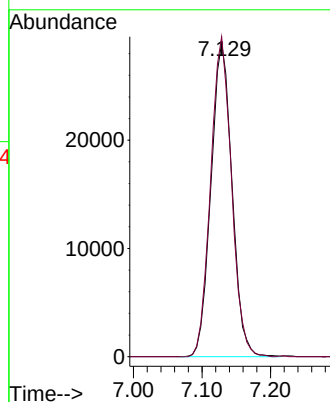
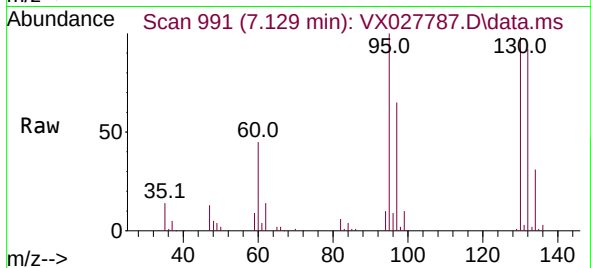




#44
Trichloroethene
Concen: 62.963 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

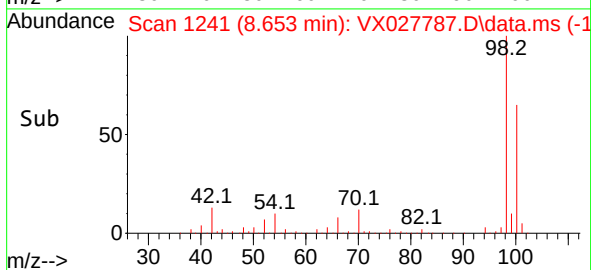
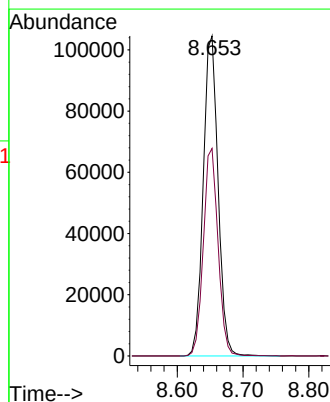
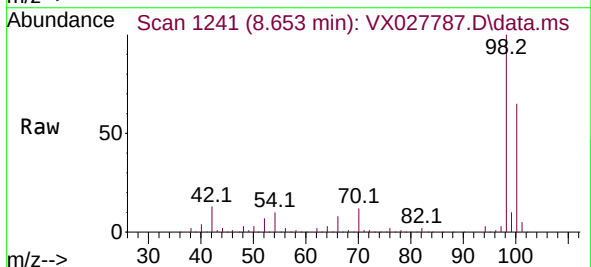
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

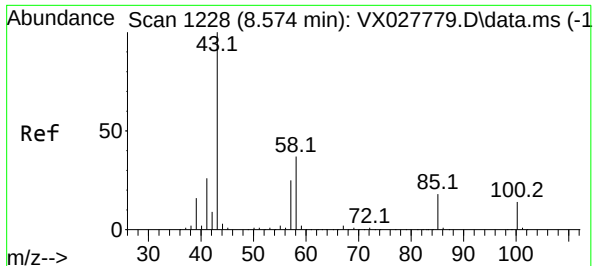
Tgt Ion:130 Resp: 61697
Ion Ratio Lower Upper
130 100
95 101.9 0.0 188.8



#50
Toluene-d8
Concen: 49.233 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 98 Resp: 163640
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

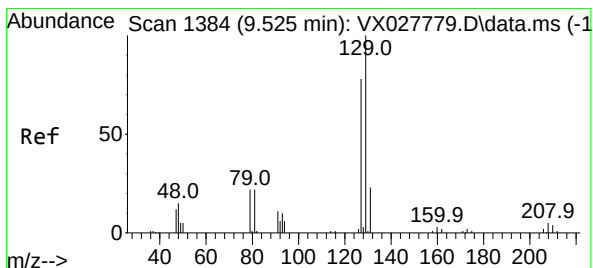
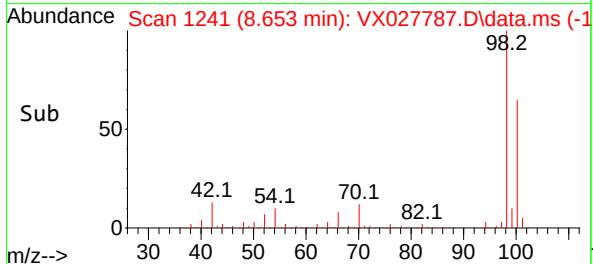
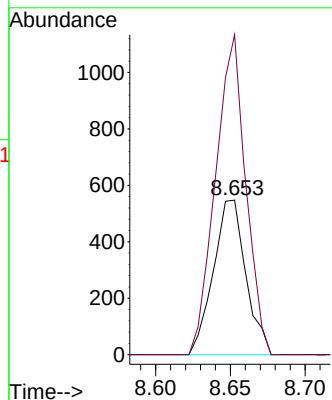
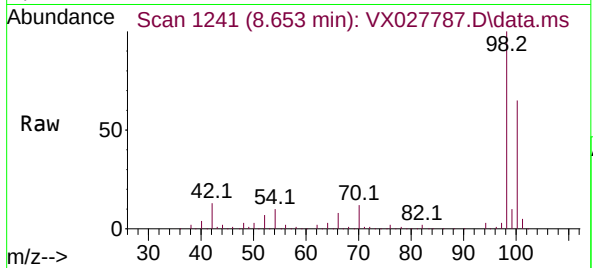




#51
4-Methyl-2-Pentanone
Concen: 0.505 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

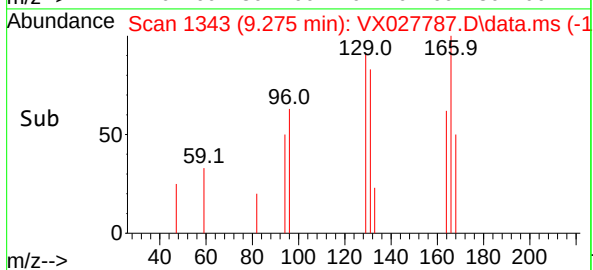
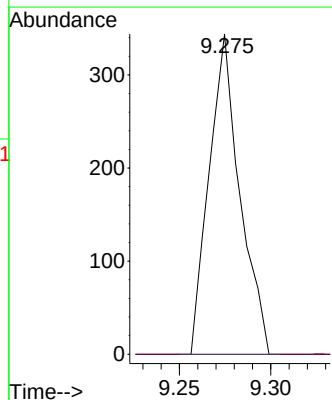
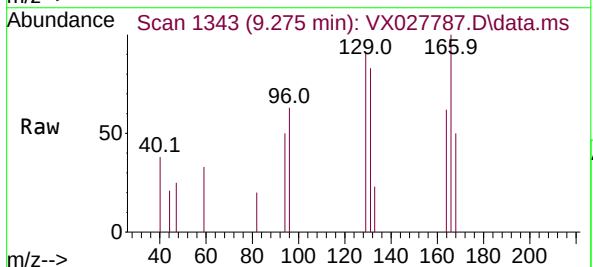
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

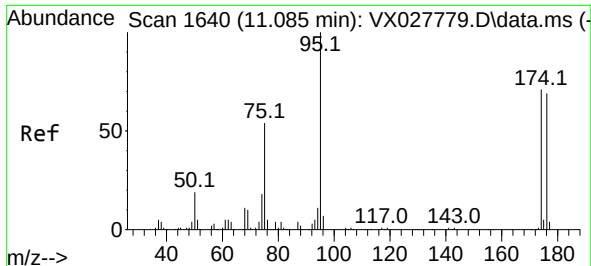
Tgt Ion: 43 Resp: 828
Ion Ratio Lower Upper
43 100
58 192.6 36.1 54.1#



#60
Dibromochloromethane
Concen: 0.386 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 129 Resp: 403
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

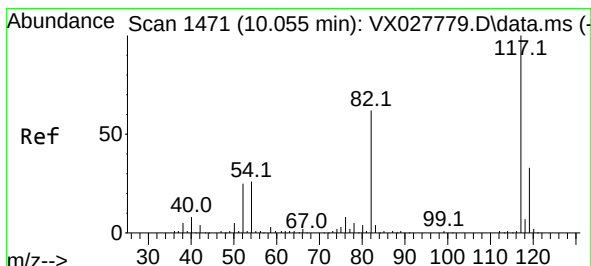
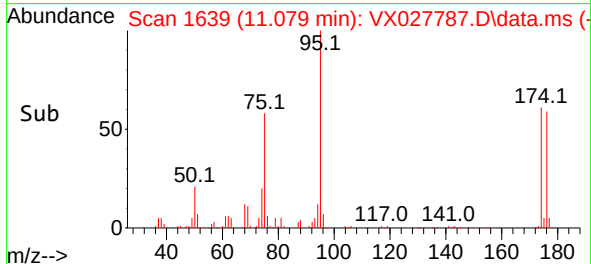
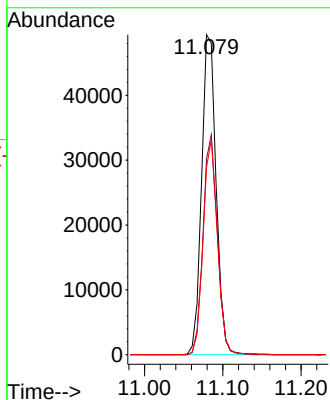
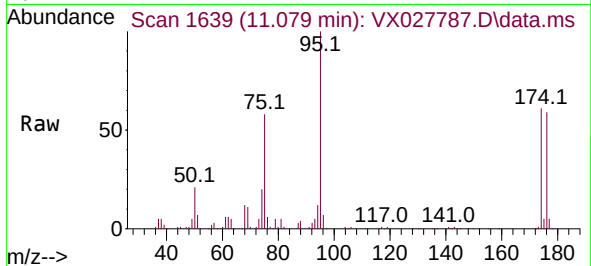




#62
4-Bromofluorobenzene
Concen: 45.027 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

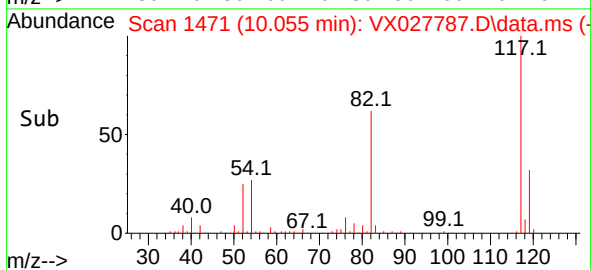
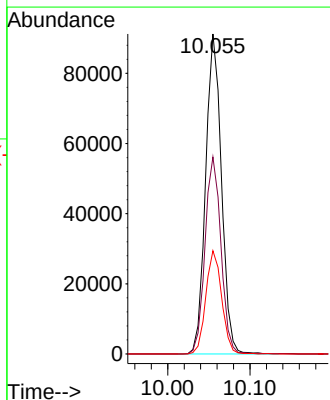
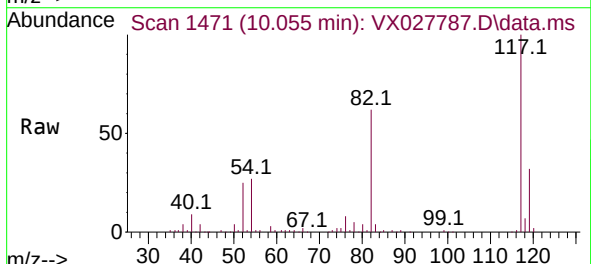
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

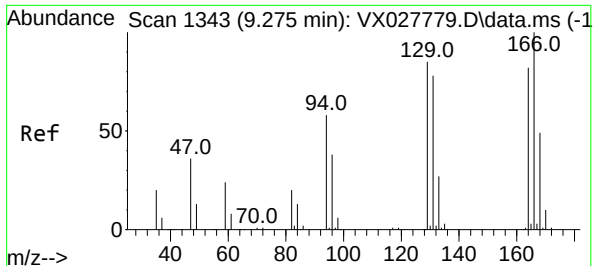
Tgt Ion: 95 Resp: 63600
Ion Ratio Lower Upper
95 100
174 67.4 0.0 163.0
176 65.5 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 117 Resp: 121911
Ion Ratio Lower Upper
117 100
82 61.6 41.8 62.8
119 32.3 24.8 37.2

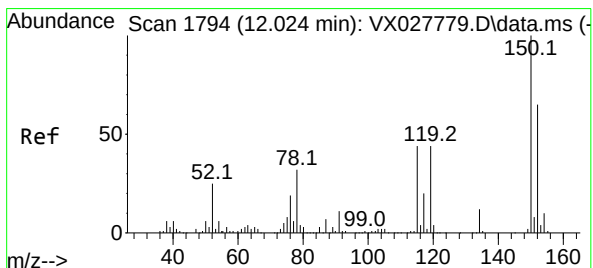
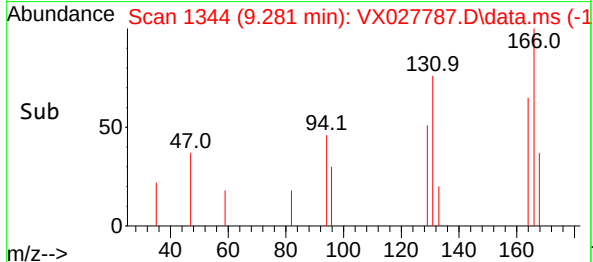
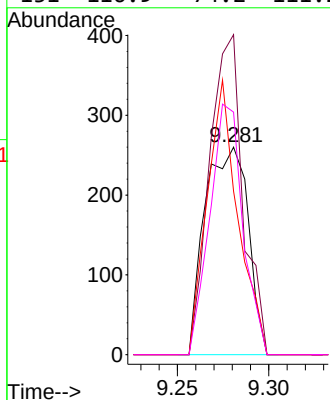
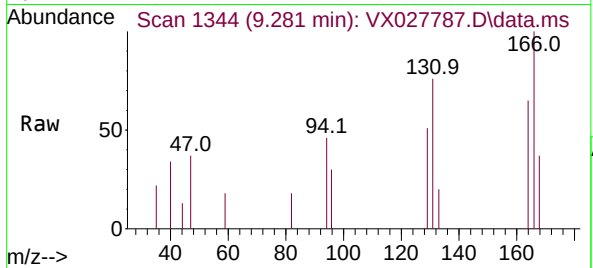




#64
Tetrachloroethene
Concen: 0.517 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

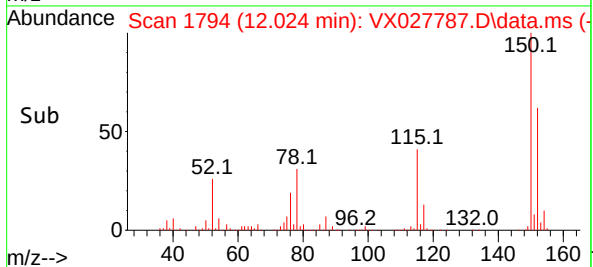
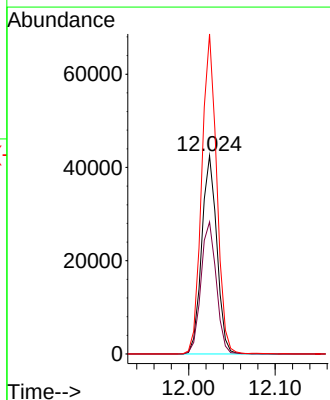
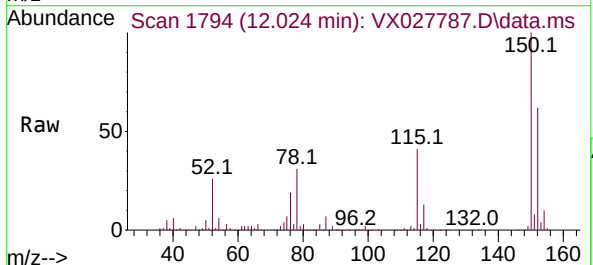
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

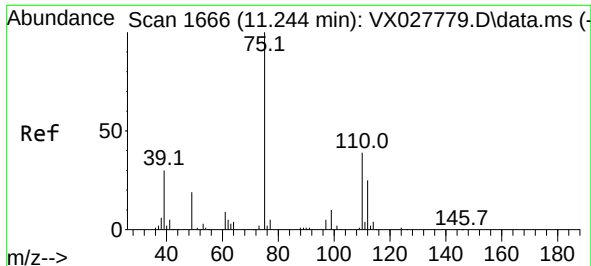
Tgt Ion:164 Resp: 427
Ion Ratio Lower Upper
164 100
166 154.2 101.2 151.8#
129 78.8 73.0 109.4
131 116.9 74.2 111.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion:152 Resp: 51674
Ion Ratio Lower Upper
152 100
115 67.1 37.5 112.7
150 159.6 0.0 338.2

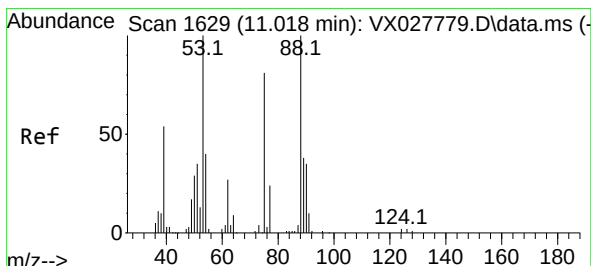
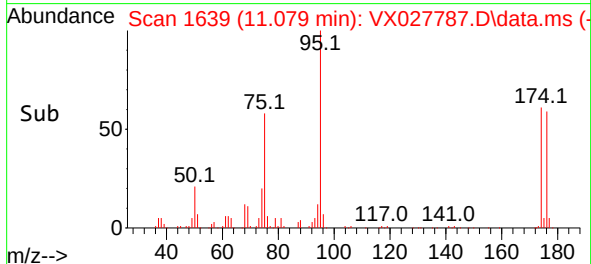
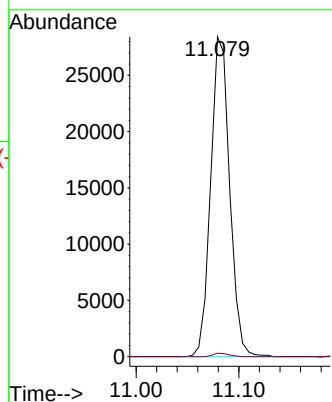
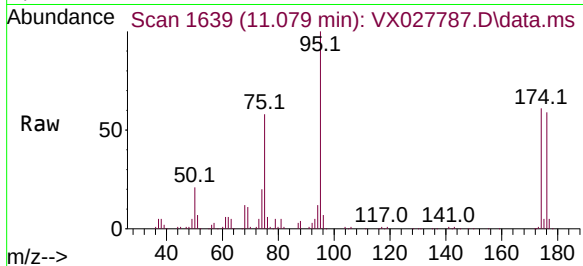




#76
1,2,3-Trichloropropane
Concen: 30.026 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

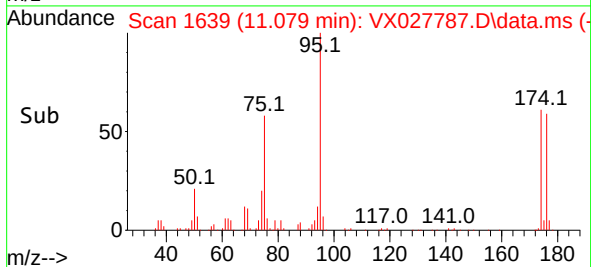
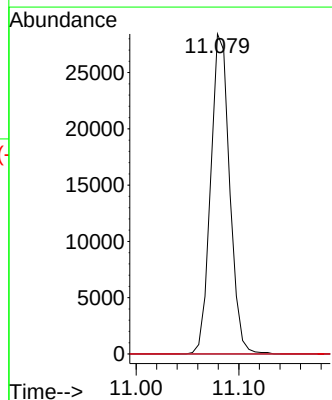
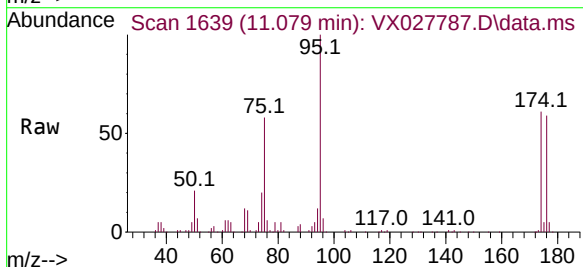
Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

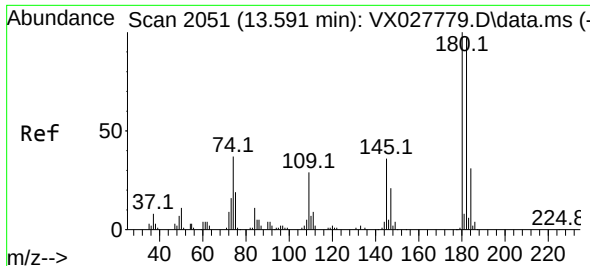
Tgt Ion: 75 Resp: 36397
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.456 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt Ion: 75 Resp: 36397
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

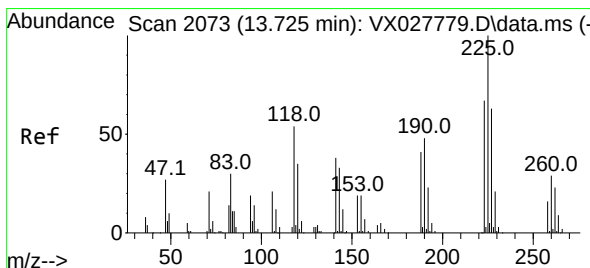
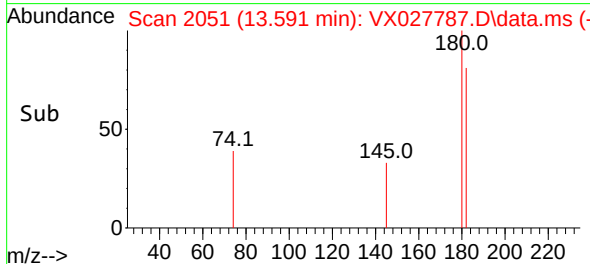
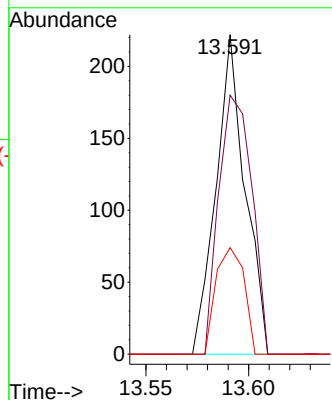
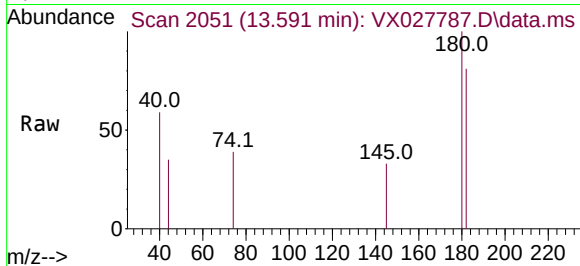




#93
1,2,4-Trichlorobenzene
Concen: 0.209 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Instrument :
MSVOA_X
ClientSampleId :
RE120D1-20220316DL

Tgt Ion:180	Resp:	218	
Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.7	143.1
145	32.6	15.2	45.5



#94
Hexachlorobutadiene
Concen: 1.071 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX027787.D
Acq: 29 Mar 2022 20:42

Tgt	Ion:225	Resp:	121
Ion	Ratio	Lower	Upper
225	100		
223	32.2	34.2	102.5#
227	64.5	33.9	101.7

