

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033022\
 Data File : VX027801.D
 Acq On : 30 Mar 2022 11:33
 Operator : JC/MD
 Sample : N2041-12DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20220317DL

Quant Time: Mar 31 05:46:39 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)

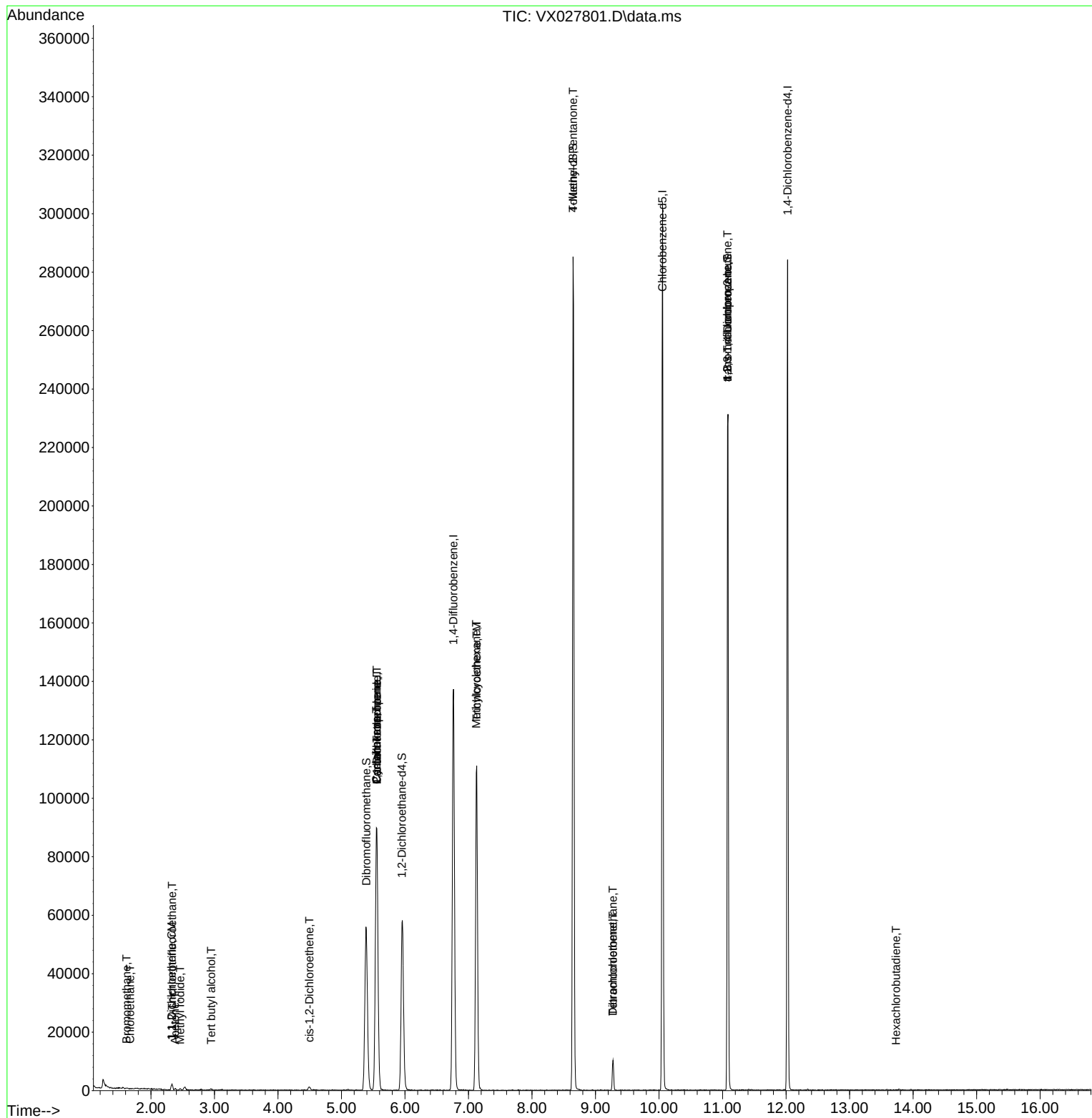
Internal Standards						
1) Pentafluorobenzene	5.556	168	83961	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	143878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	59022	54.482	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 108.960%	
35) Dibromofluoromethane	5.391	113	47418	51.059	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.120%	
50) Toluene-d8	8.647	98	172116	52.674	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 105.340%	
62) 4-Bromofluorobenzene	11.079	95	63779	45.930	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 91.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	230	0.740	ug/l	# 70
6) Chloroethane	1.672	64	180	0.387	ug/l	# 43
9) 1,1,2-Trichlorotrifluo...	2.331	101	858	1.091	ug/l	92
10) Methyl Iodide	2.459	142	395	0.433	ug/l	# 73
11) Tert butyl alcohol	2.947	59	218	1.048	ug/l	# 72
12) 1,1-Dichloroethene	2.325	96	202	0.280	ug/l	# 57
16) Acetone	2.380	43	466	0.972	ug/l	# 74
27) cis-1,2-Dichloroethene	4.495	96	715	0.757	ug/l	80
31) Cyclohexane	5.550	56	1684	1.406	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	6936	5.930	ug/l	# 45
38) Carbon Tetrachloride	5.556	117	8768	6.785	ug/l	# 15
39) Methylcyclohexane	7.123	83	501	0.364	ug/l	# 1
44) Trichloroethene	7.129	130	42551	44.171	ug/l	94
51) 4-Methyl-2-Pentanone	8.647	43	802	0.498	ug/l	# 1
60) Dibromochloromethane	9.275	129	1882	1.833	ug/l	# 9
64) Tetrachloroethene	9.275	164	1725	2.083	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	35667	29.930	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	35667	87.189	ug/l	# 15
94) Hexachlorobutadiene	13.731	225	75	0.976	ug/l	# 50

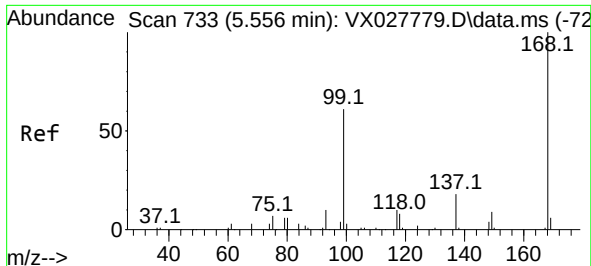
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
Response via : Initial Calibration

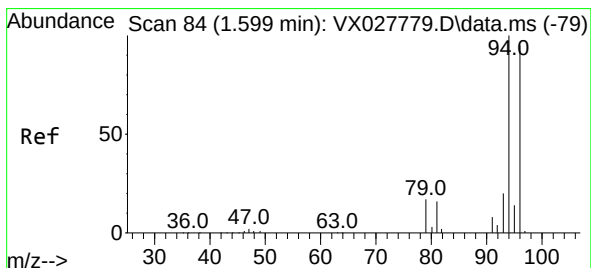
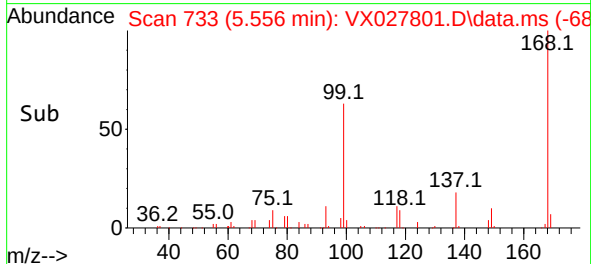
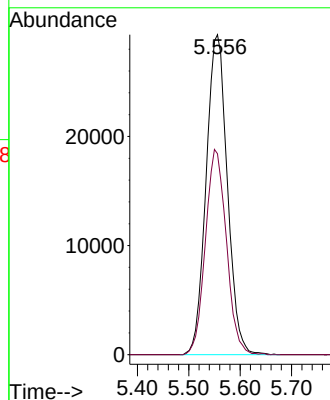
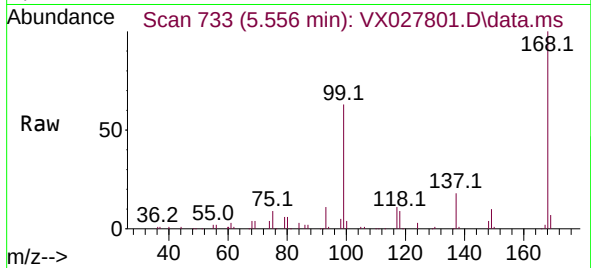




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

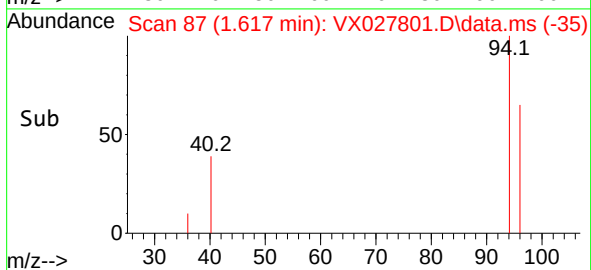
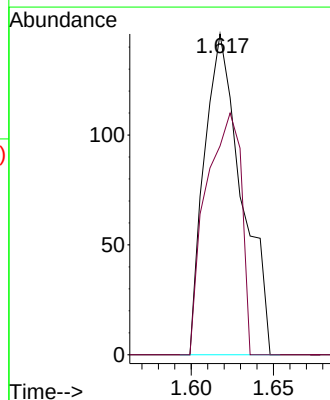
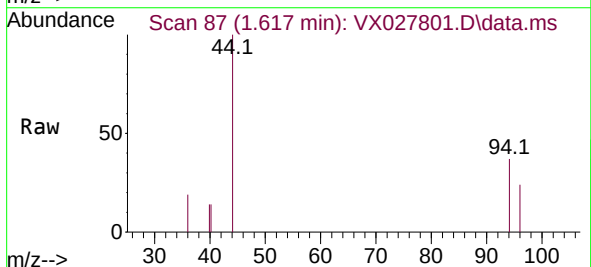
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

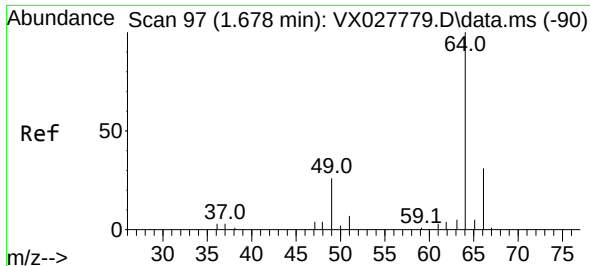
Tgt Ion:168 Resp: 83961
Ion Ratio Lower Upper
168 100
99 62.8 41.7 62.5#



#5
Bromomethane
Concen: 0.740 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion: 94 Resp: 230
Ion Ratio Lower Upper
94 100
96 65.1 75.3 112.9#

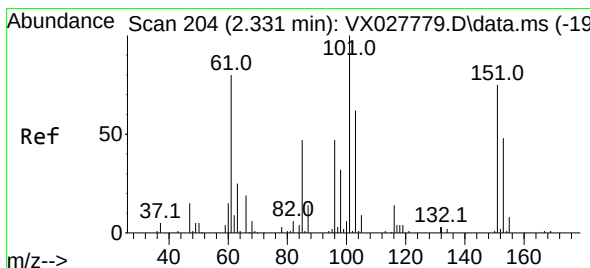
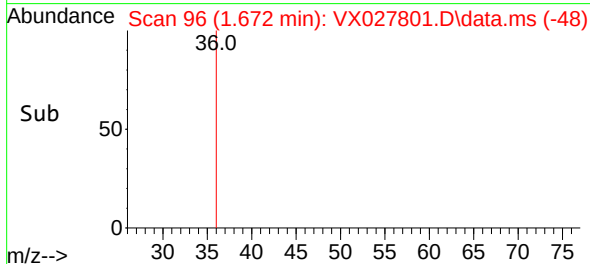
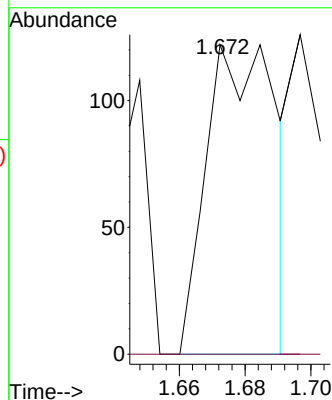
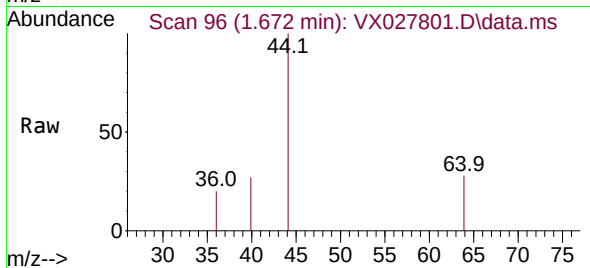




#6
Chloroethane
Concen: 0.387 ug/l
RT: 1.672 min Scan# 90
Delta R.T. -0.006 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

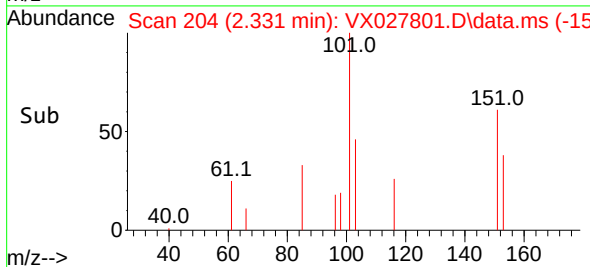
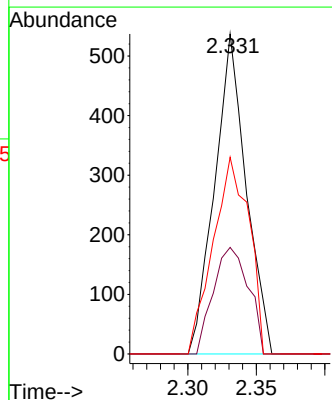
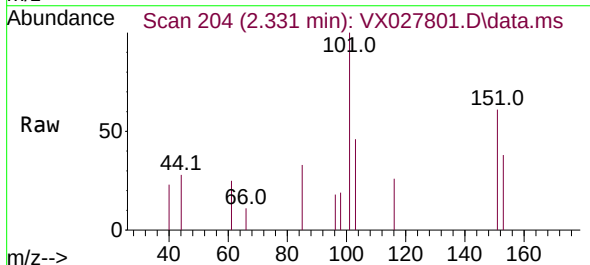
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

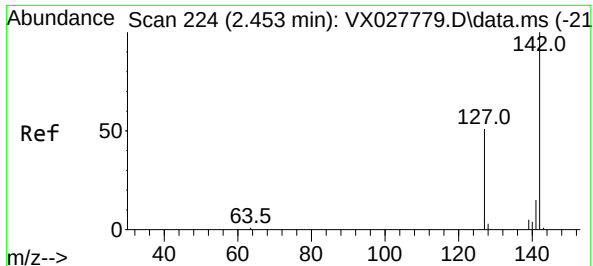
Tgt Ion: 64 Resp: 180
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.091 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion: 101 Resp: 858
Ion Ratio Lower Upper
101 100
85 37.3 33.5 50.3
151 70.0 61.8 92.6





#10

Methyl Iodide

Concen: 0.433 ug/l

RT: 2.459 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027801.D

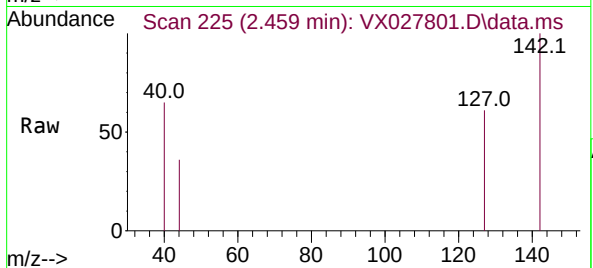
Acq: 30 Mar 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220317DL



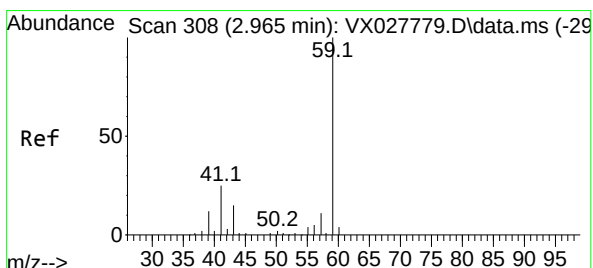
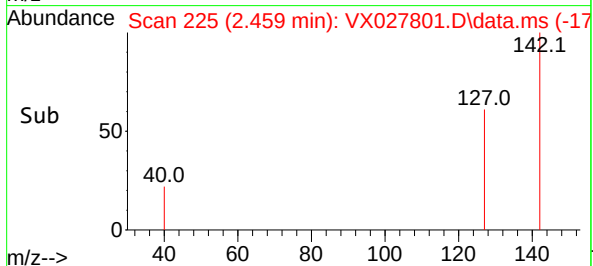
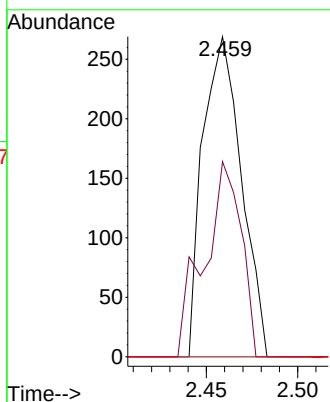
Tgt Ion:142 Resp: 395

Ion Ratio Lower Upper

142 100

127 58.2 33.9 50.9#

141 0.0 11.4 17.2#



#11

Tert butyl alcohol

Concen: 1.048 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.018 min

Lab File: VX027801.D

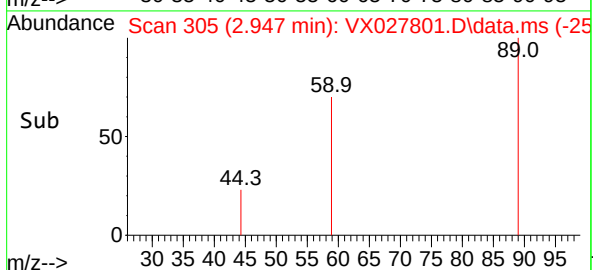
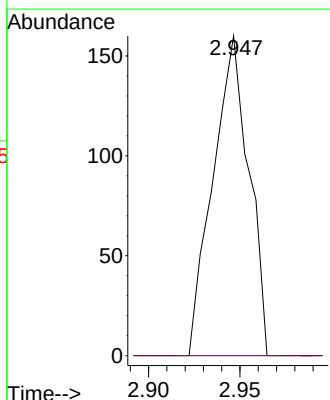
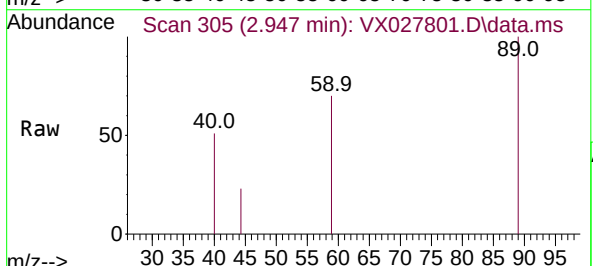
Acq: 30 Mar 2022 11:33

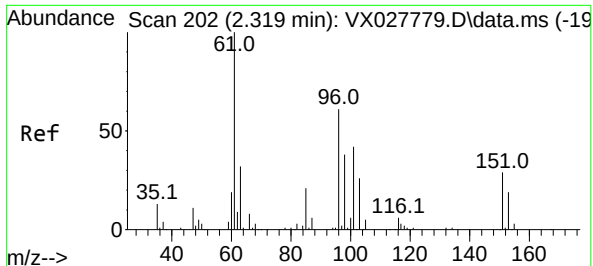
Tgt Ion: 59 Resp: 218

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.280 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX027801.D

Acq: 30 Mar 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220317DL

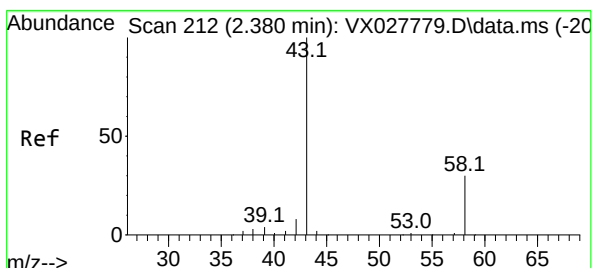
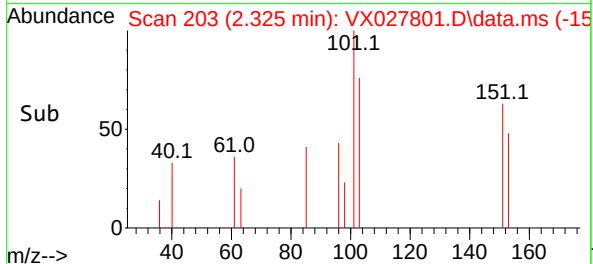
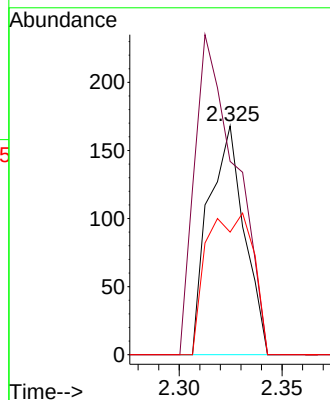
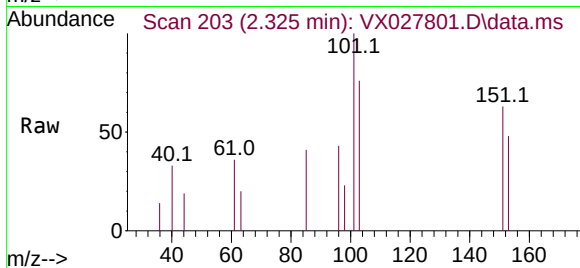
Tgt Ion: 96 Resp: 202

Ion Ratio Lower Upper

96 100

61 84.5 124.6 187.0#

98 53.6 51.0 76.4



#16

Acetone

Concen: 0.972 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027801.D

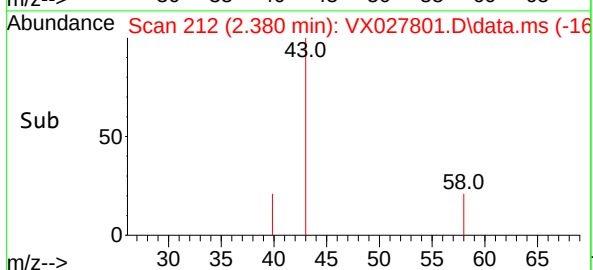
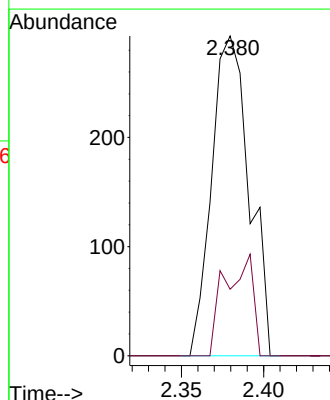
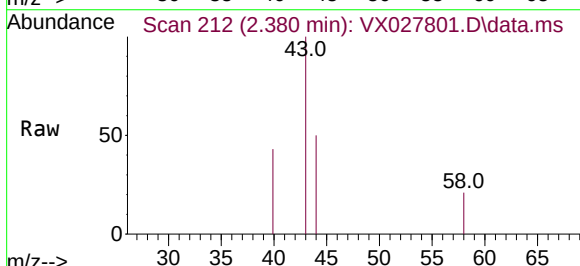
Acq: 30 Mar 2022 11:33

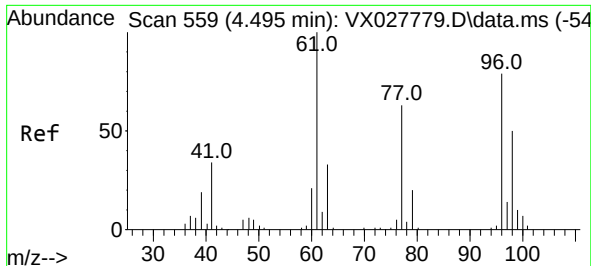
Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

58 20.8 28.8 43.2#





#27

cis-1,2-Dichloroethene

Concen: 0.757 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027801.D

Acq: 30 Mar 2022 11:33

Instrument :

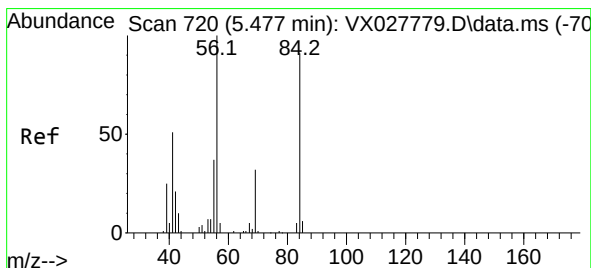
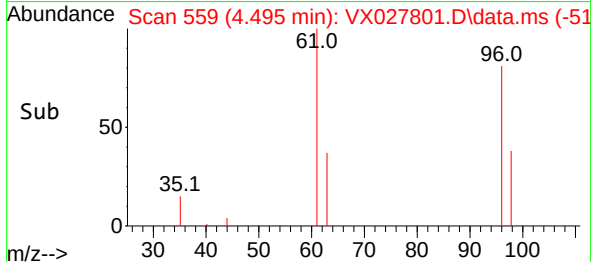
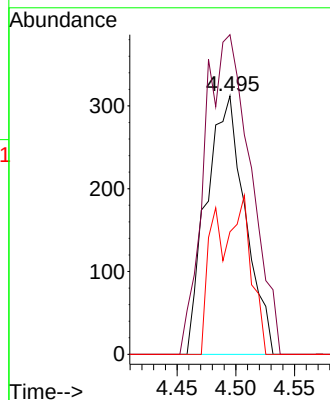
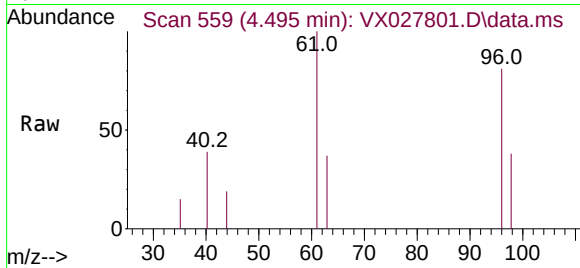
MSVOA_X

ClientSampleId :

RE125D1-20220317DL

Tgt Ion: 96 Resp: 715

Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	283.8
98	22.1	0.0	129.8



#31

Cyclohexane

Concen: 1.406 ug/l

RT: 5.550 min Scan# 732

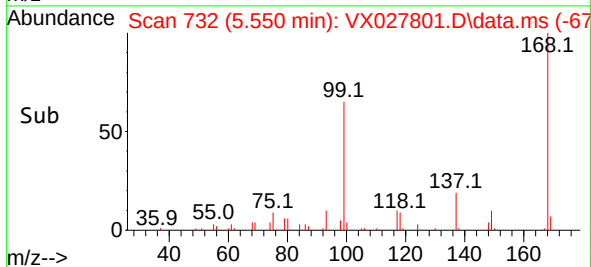
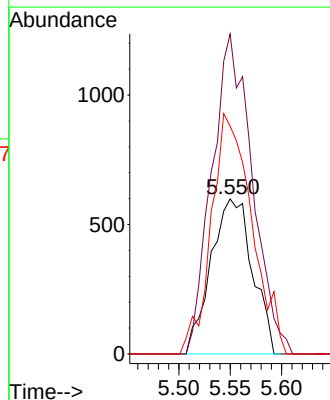
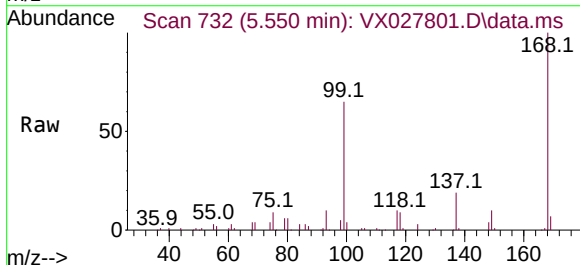
Delta R.T. 0.073 min

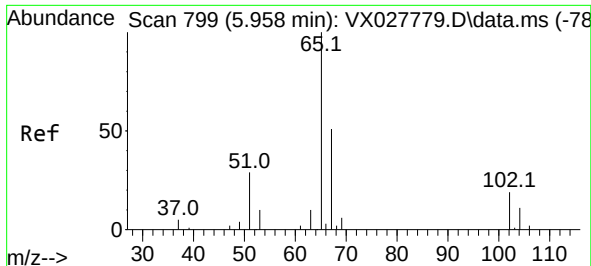
Lab File: VX027801.D

Acq: 30 Mar 2022 11:33

Tgt Ion: 56 Resp: 1684

Ion	Ratio	Lower	Upper
56	100		
69	206.3	26.7	40.1#
84	146.9	77.2	115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.482 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027801.D

Acq: 30 Mar 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

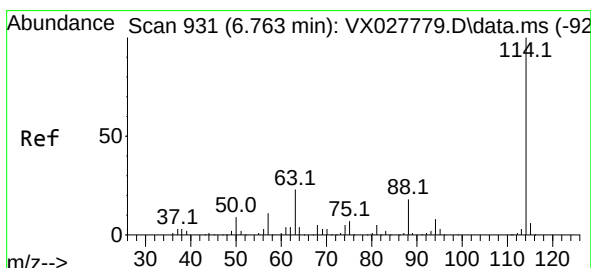
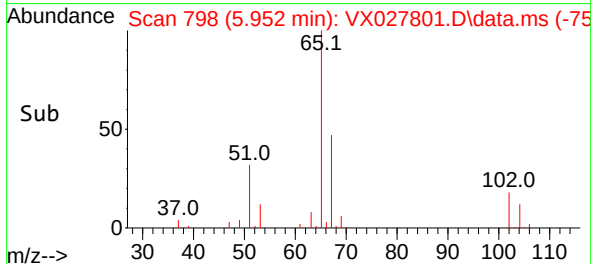
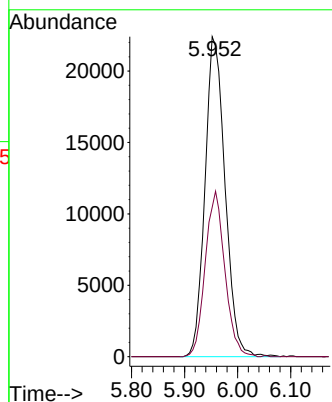
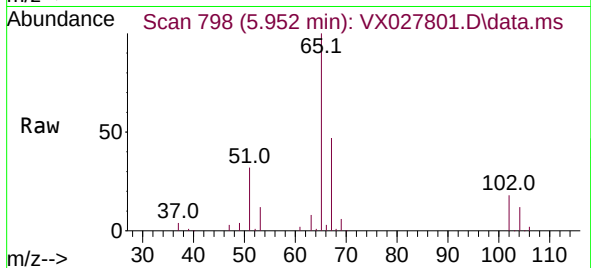
RE125D1-20220317DL

Tgt Ion: 65 Resp: 59022

Ion Ratio Lower Upper

65 100

67 50.5 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: VX027801.D

Acq: 30 Mar 2022 11:33

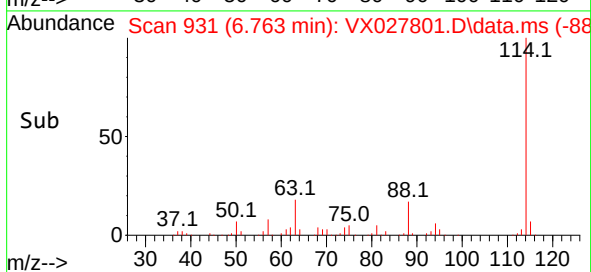
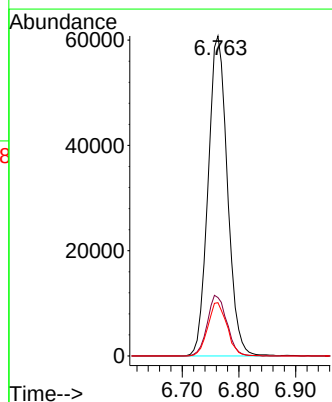
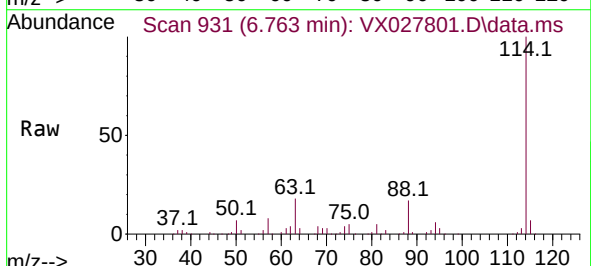
Tgt Ion: 114 Resp: 143878

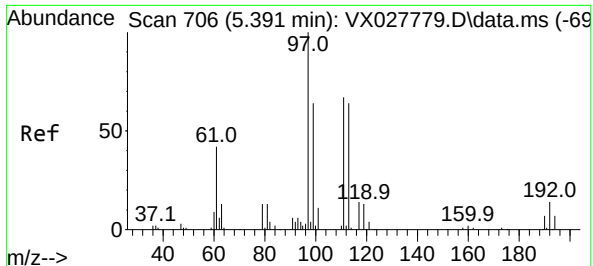
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

88 16.6 0.0 32.4

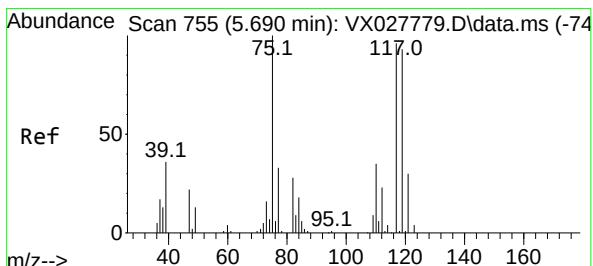
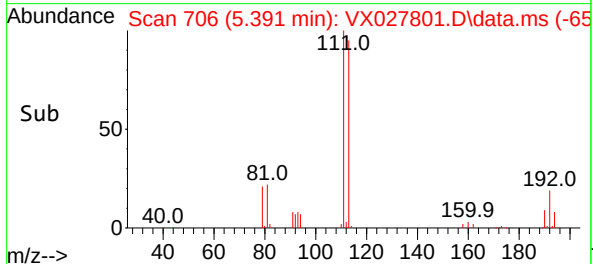
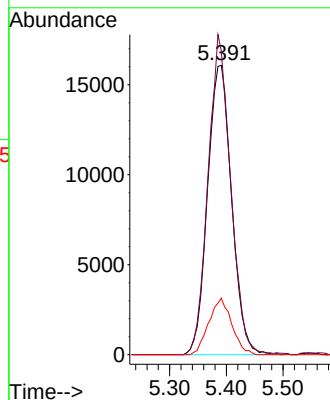
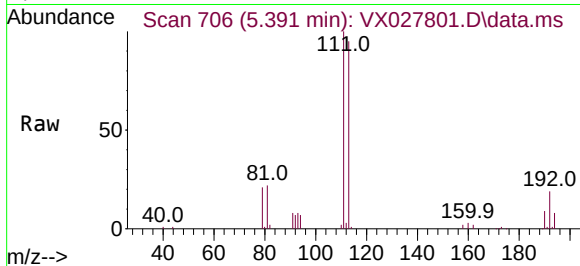




#35
Dibromofluoromethane
Concen: 51.059 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

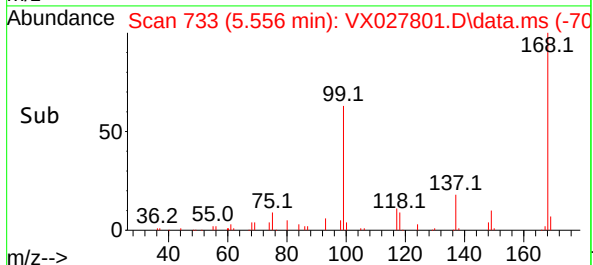
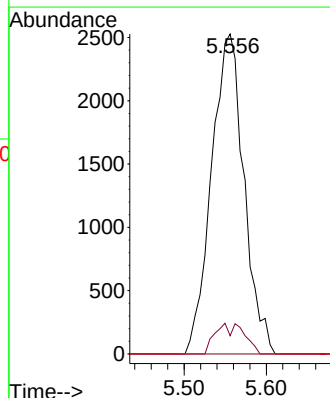
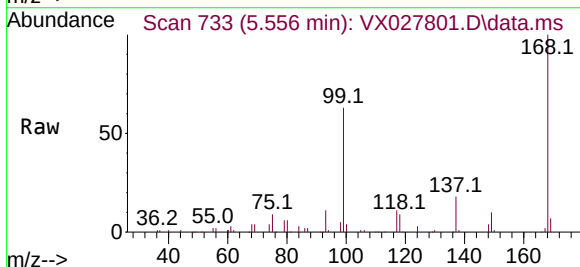
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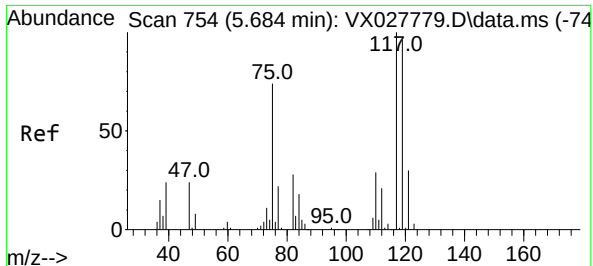
Tgt Ion:113 Resp: 47418
Ion Ratio Lower Upper
113 100
111 103.6 82.8 124.2
192 18.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.930 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

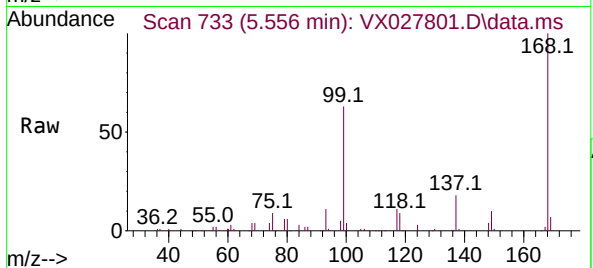
Tgt Ion: 75 Resp: 6936
Ion Ratio Lower Upper
75 100
110 4.6 18.3 54.8#
77 0.0 24.8 37.2#



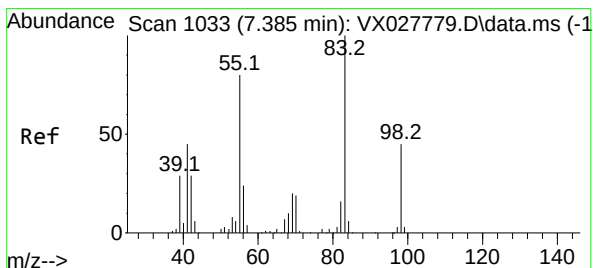
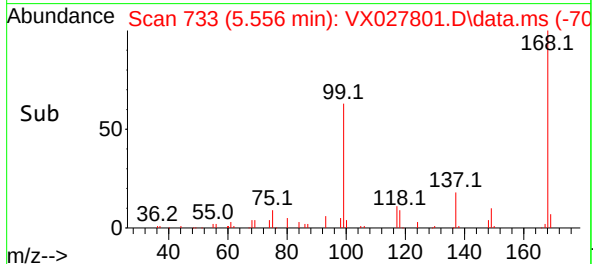
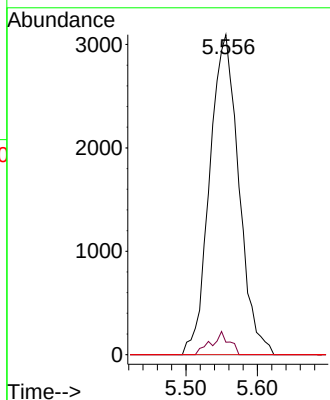


#38
Carbon Tetrachloride
Concen: 6.785 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

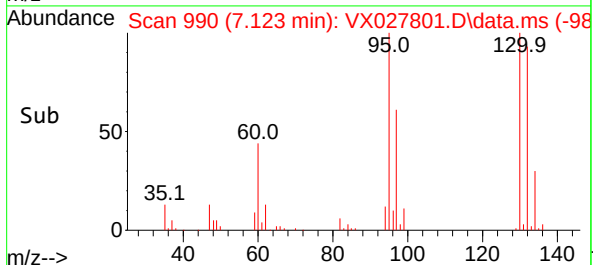
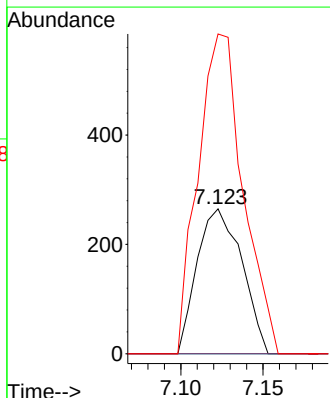
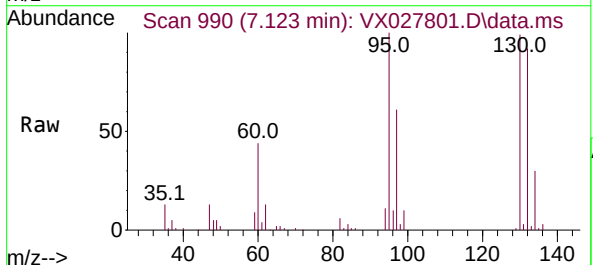


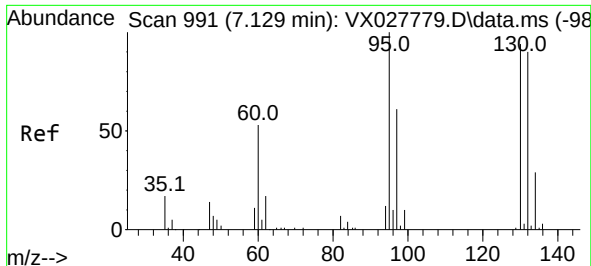
Tgt Ion:117 Resp: 8768
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.364 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion: 83 Resp: 501
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 220.8 37.4 56.2#

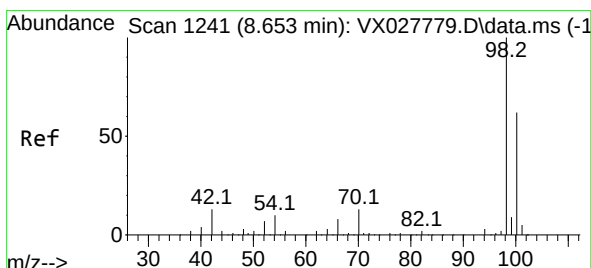
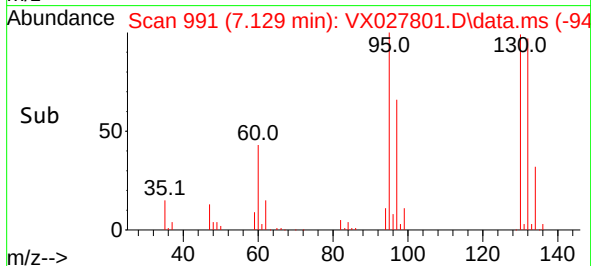
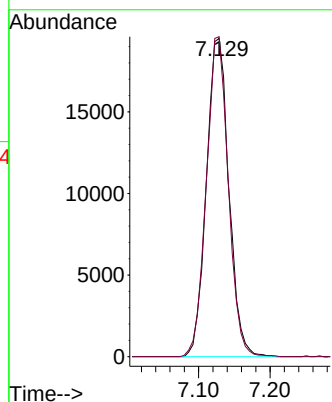
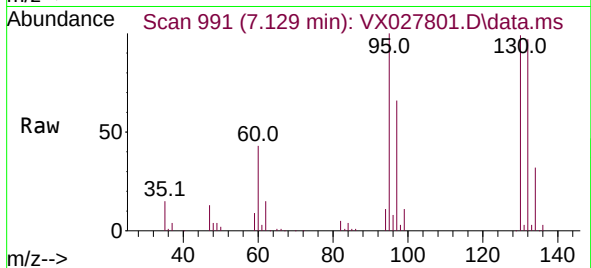




#44
Trichloroethene
Concen: 44.171 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

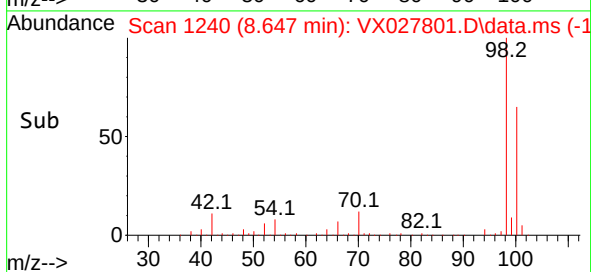
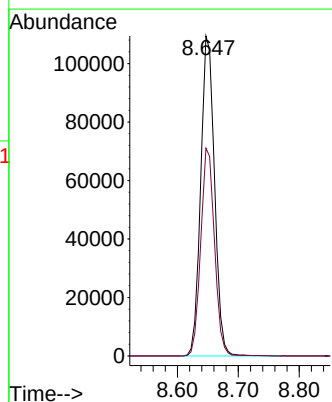
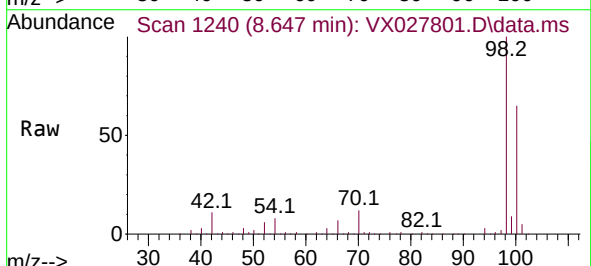
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

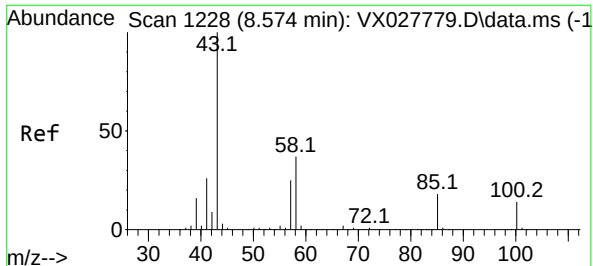
Tgt Ion:130 Resp: 42551
Ion Ratio Lower Upper
130 100
95 100.5 0.0 188.8



#50
Toluene-d8
Concen: 52.674 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion: 98 Resp: 172116
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

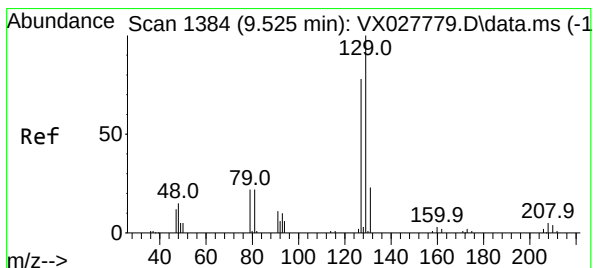
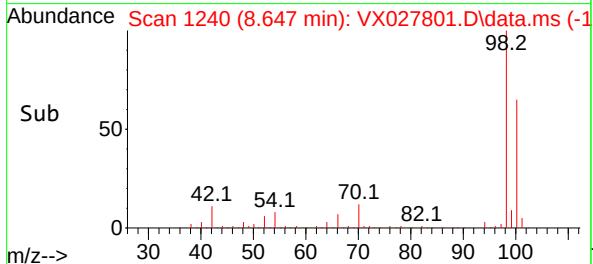
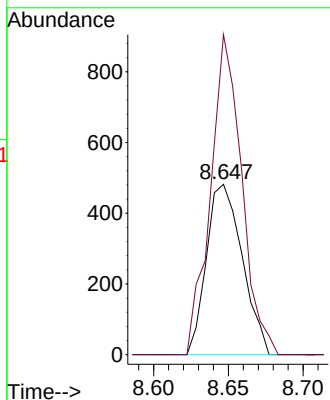
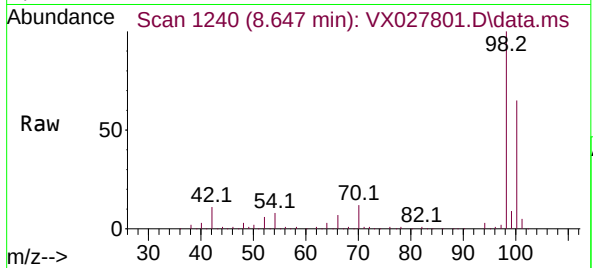




#51
4-Methyl-2-Pentanone
Concen: 0.498 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

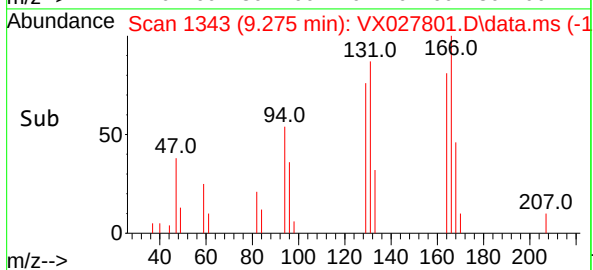
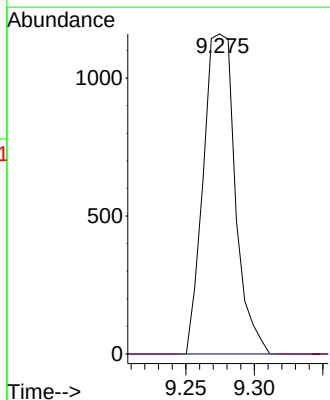
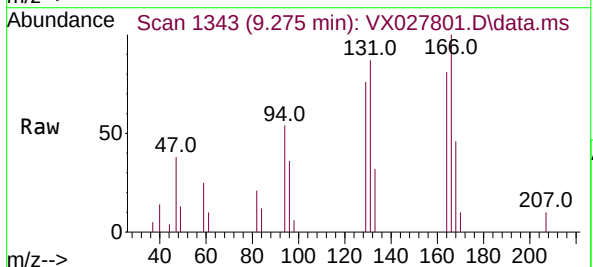
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

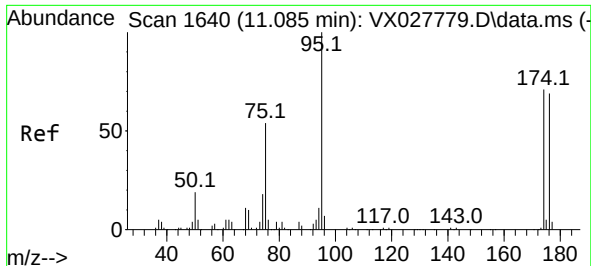
Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 164.0 36.1 54.1#



#60
Dibromochloromethane
Concen: 1.833 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion: 129 Resp: 1882
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#

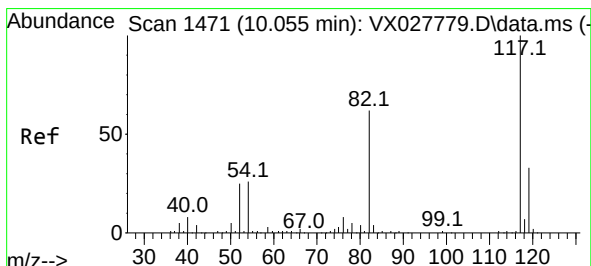
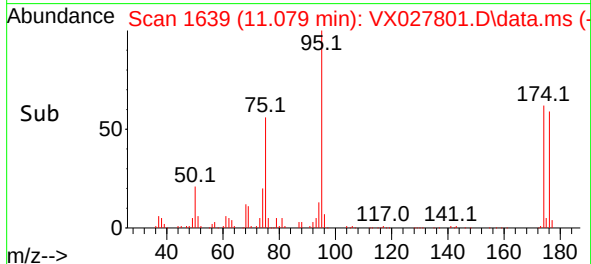
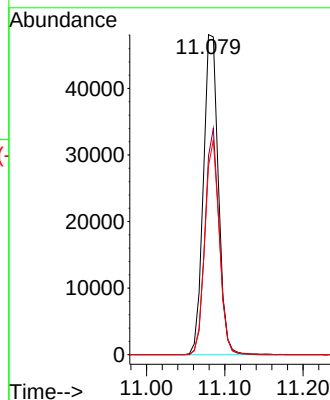
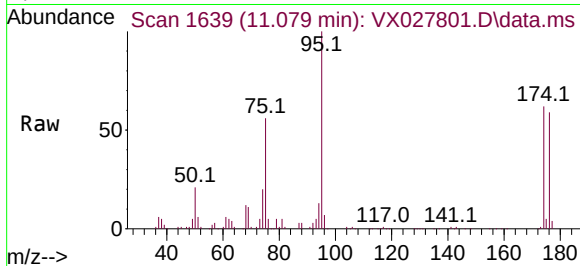




#62
4-Bromofluorobenzene
Concen: 45.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

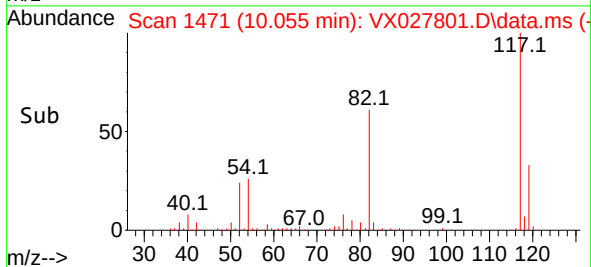
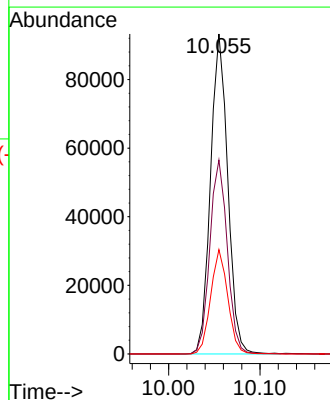
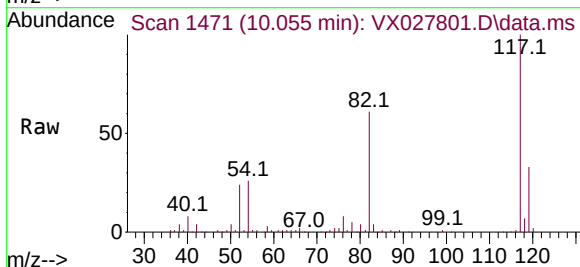
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

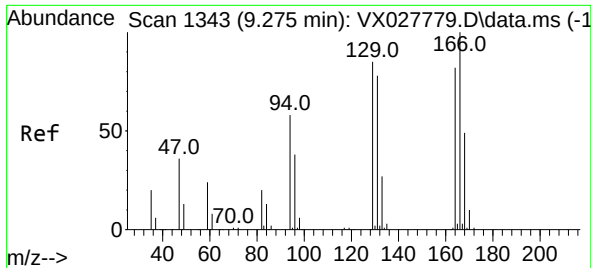
Tgt Ion: 95 Resp: 63779
Ion Ratio Lower Upper
95 100
174 66.7 0.0 163.0
176 64.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion: 117 Resp: 122121
Ion Ratio Lower Upper
117 100
82 60.6 41.8 62.8
119 32.6 24.8 37.2

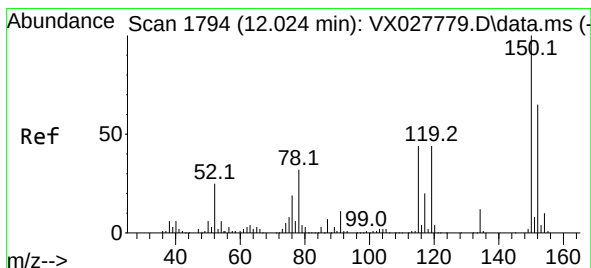
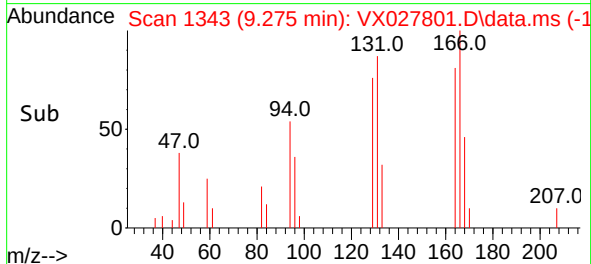
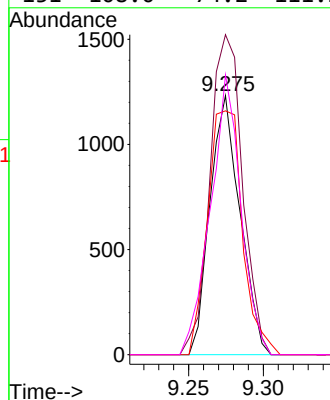
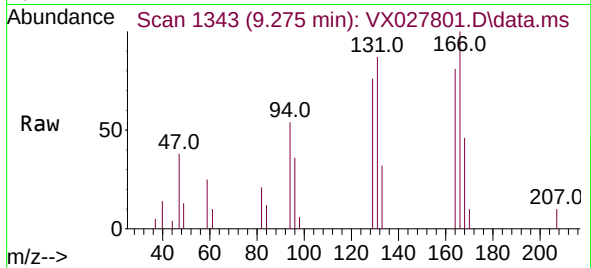




#64
Tetrachloroethene
Concen: 2.083 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

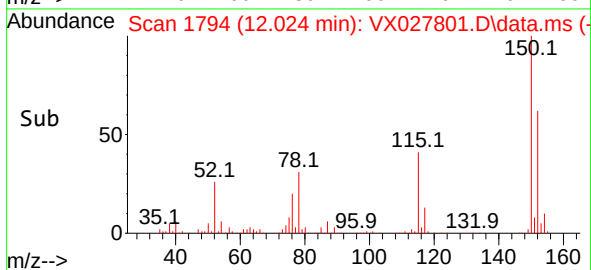
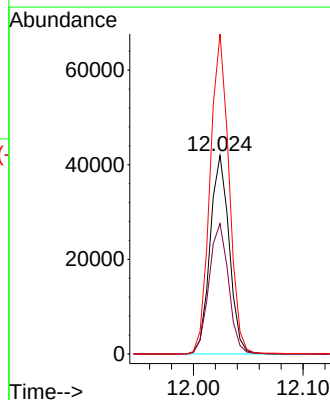
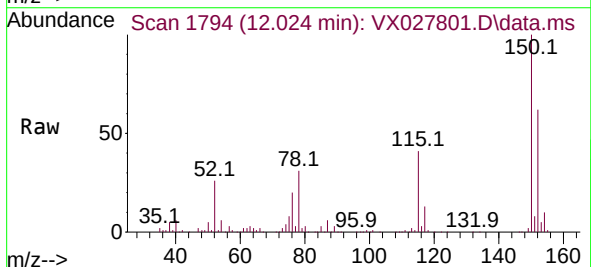
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

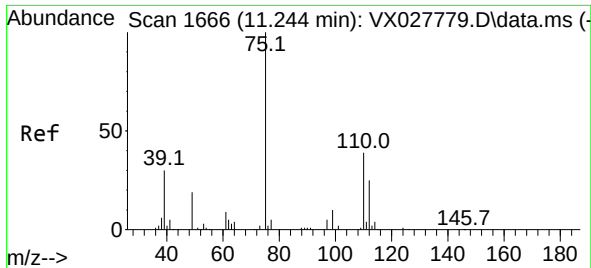
Tgt	Ion:164	Resp:	1725
Ion	Ratio	Lower	Upper
164	100		
166	123.5	101.2	151.8
129	94.2	73.0	109.4
131	108.0	74.2	111.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Tgt Ion:152	Resp:	50799	
Ion	Ratio	Lower	Upper
152	100		
115	67.1	37.5	112.7
150	159.9	0.0	338.2

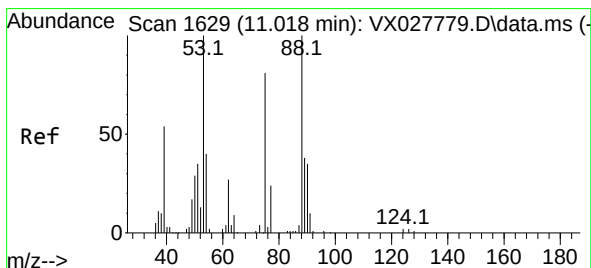
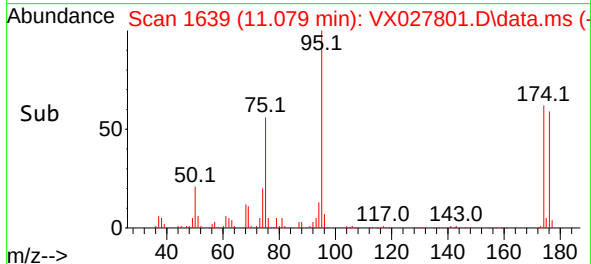
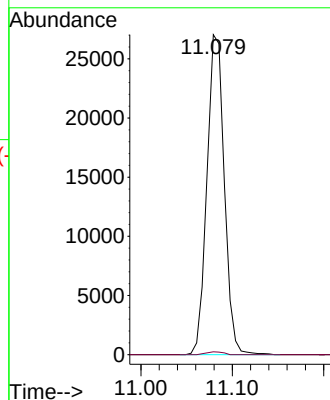
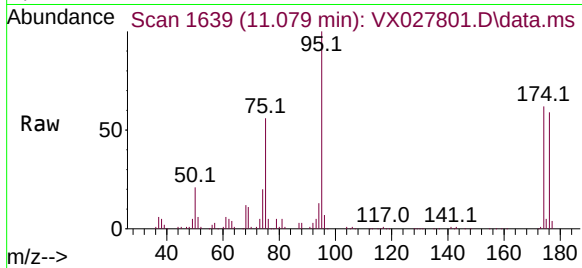




#76
1,2,3-Trichloropropane
Concen: 29.930 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

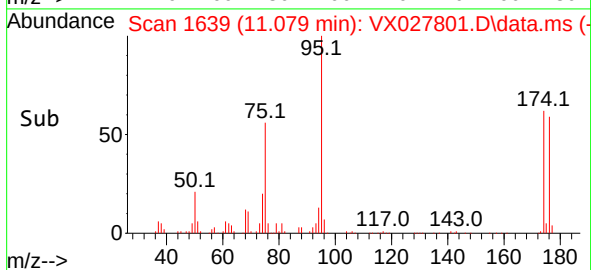
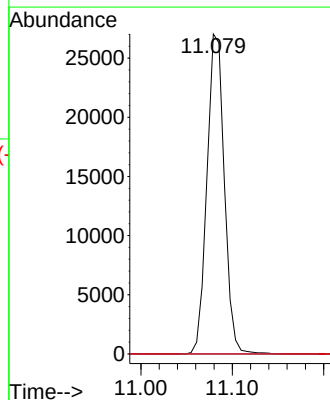
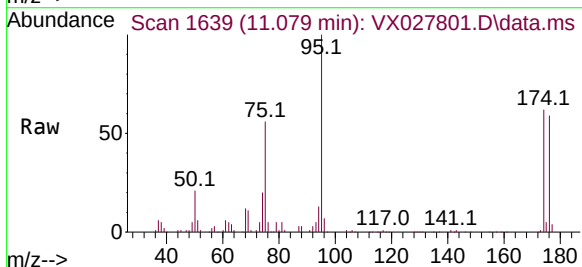
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL

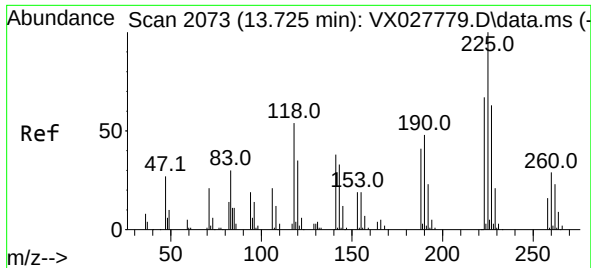
Tgt Ion: 75 Resp: 35667
Ion Ratio Lower Upper
75 100
77 0.9 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.189 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

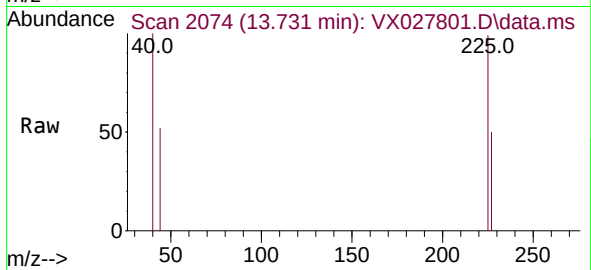
Tgt Ion: 75 Resp: 35667
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#





#94
Hexachlorobutadiene
Concen: 0.976 ug/l
RT: 13.731 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX027801.D
Acq: 30 Mar 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220317DL



Tgt Ion:	225	Resp:	75
Ion	Ratio	Lower	Upper
225	100		
223	0.0	34.2	102.5#
227	56.0	33.9	101.7

