

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061821\
 Data File : VX022765.D
 Acq On : 18 Jun 2021 14:13
 Operator : JC/MD
 Sample : M2750-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20210615DL

Quant Time: Jun 19 01:44:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

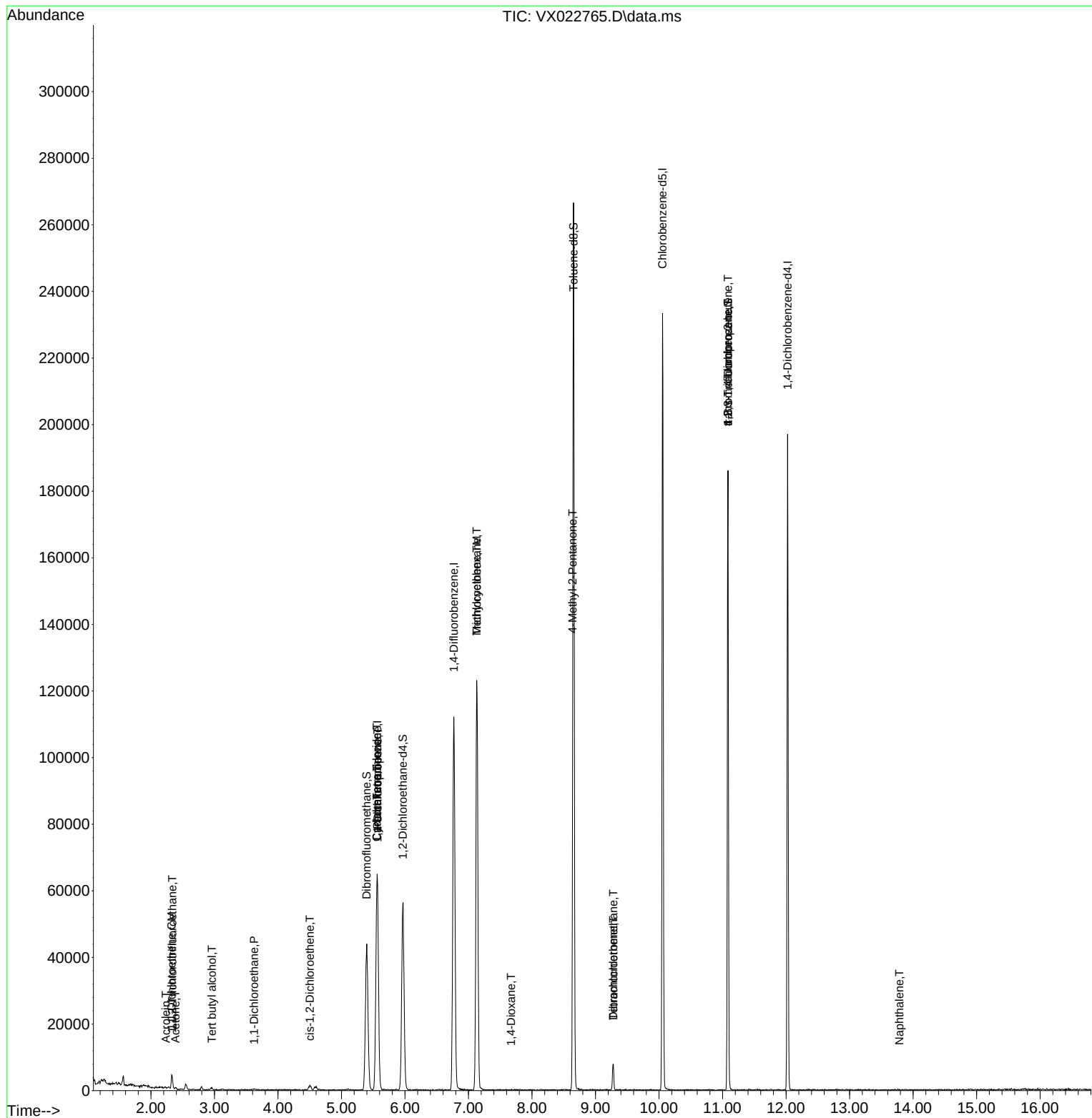
Internal Standards						
1) Pentafluorobenzene	5.562	168	53557	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	110209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	97468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52300	54.298	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.600%	
35) Dibromofluoromethane	5.397	113	36596	52.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.100%	
50) Toluene-d8	8.653	98	145416	52.461	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.920%	
62) 4-Bromofluorobenzene	11.085	95	49049	46.788	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 93.580%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	1525	2.326	ug/l	# 81
11) Tert butyl alcohol	2.959	59	392	1.758	ug/l	# 73
12) 1,1-Dichloroethene	2.325	96	274	0.421	ug/l	# 60
13) Acrolein	2.233	56	20	0.214	ug/l	# 14
16) Acetone	2.386	43	662	1.535	ug/l	# 78
24) 1,1-Dichloroethane	3.623	63	407	0.282	ug/l	# 81
27) cis-1,2-Dichloroethene	4.501	96	978	1.114	ug/l	77
31) Cyclohexane	5.556	56	1638	1.410	ug/l	# 56
36) 1,1-Dichloropropene	5.568	75	5938	5.408	ug/l	# 46
38) Carbon Tetrachloride	5.556	117	6452	6.869	ug/l	# 16
39) Methylcyclohexane	7.129	83	671	0.586	ug/l	# 1
44) Trichloroethene	7.129	130	42852	55.876	ug/l	94
49) 1,4-Dioxane	7.671	88	28	1.390	ug/l	# 78
51) 4-Methyl-2-Pentanone	8.641	43	722	0.516	ug/l	# 1
60) Dibromochloromethane	9.281	129	1390	4.762	ug/l	# 11
64) Tetrachloroethene	9.281	164	1287	2.088	ug/l	# 81
76) 1,2,3-Trichloropropane	11.085	75	26574	29.193	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	26574	72.499	ug/l	# 12
95) Naphthalene	13.786	128	33	1.486	ug/l	# 69

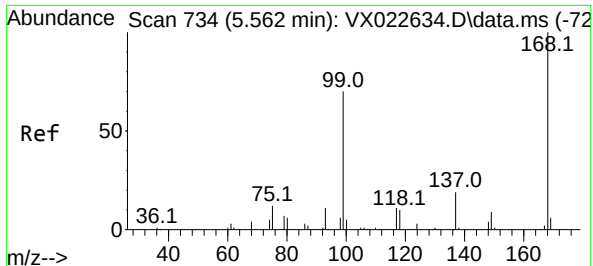
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX022765.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

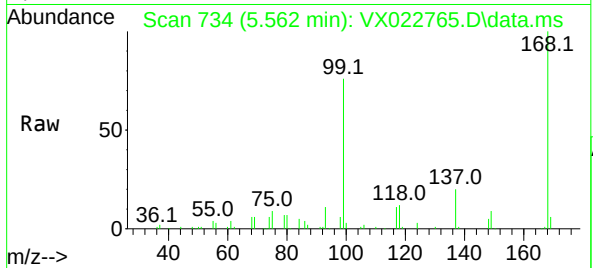
Quant Time: Jun 19 01:44:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration



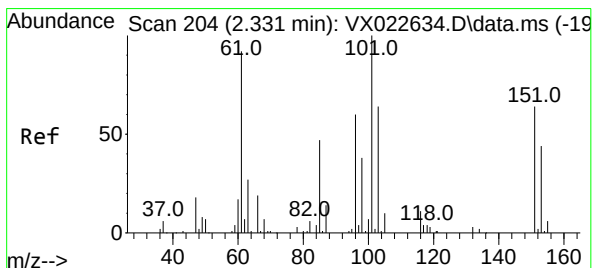
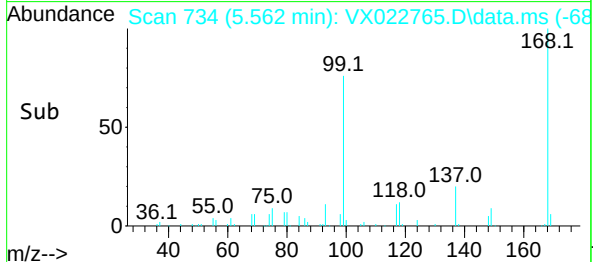
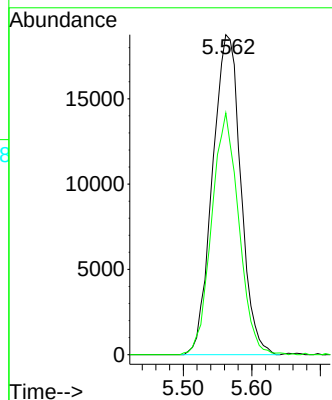


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

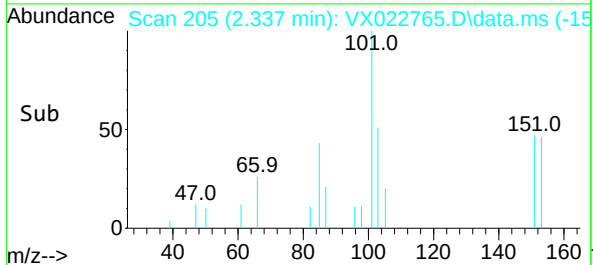
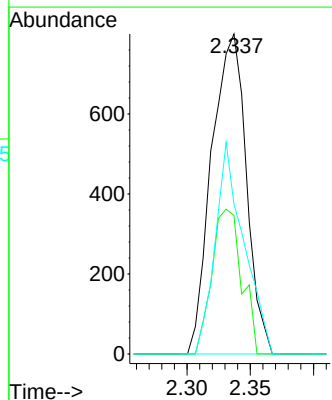
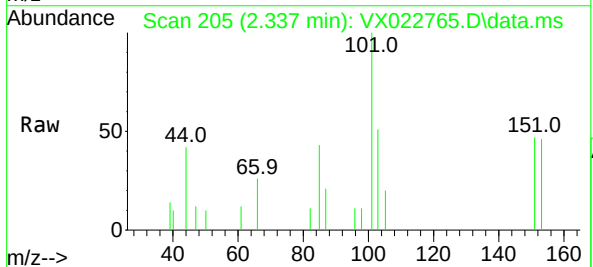


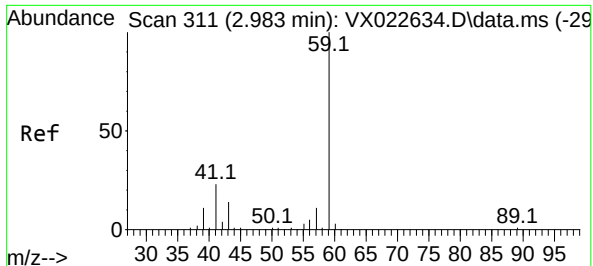
Tgt Ion:168 Resp: 53557
Ion Ratio Lower Upper
168 100
99 75.5 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.326 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion:101 Resp: 1525
Ion Ratio Lower Upper
101 100
85 39.0 34.9 52.3
151 54.6 61.4 92.2#

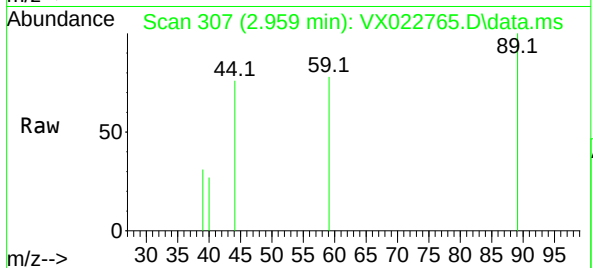




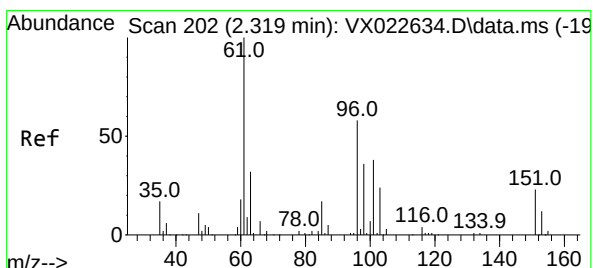
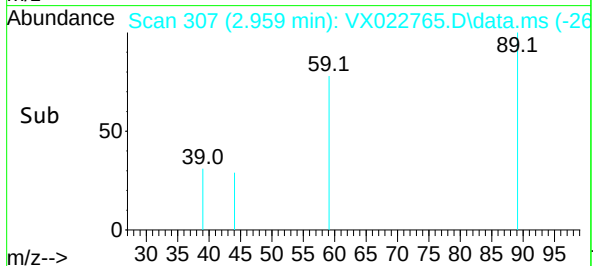
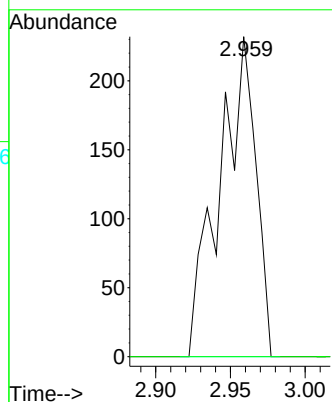
#11

Tert butyl alcohol
Concen: 1.758 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Instrument :
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ClientSampleId :
RE125D1-20210615DL



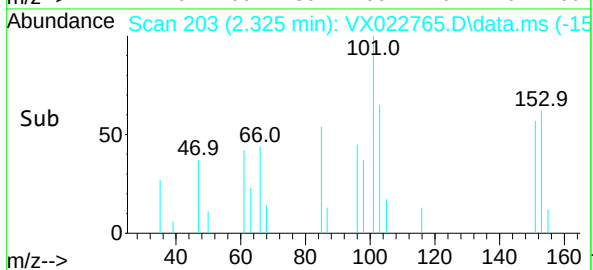
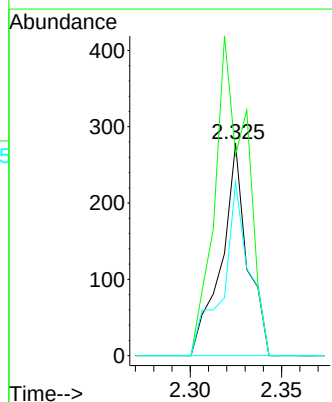
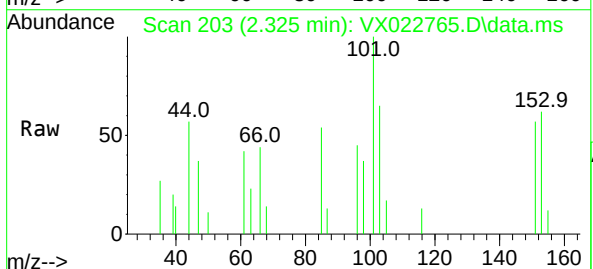
Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

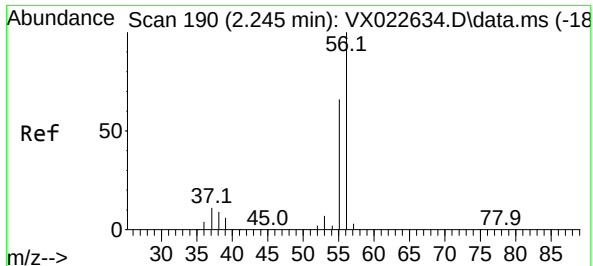


#12

1,1-Dichloroethene
Concen: 0.421 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion: 96 Resp: 274
Ion Ratio Lower Upper
96 100
61 94.6 124.6 187.0#
98 82.0 50.6 76.0#

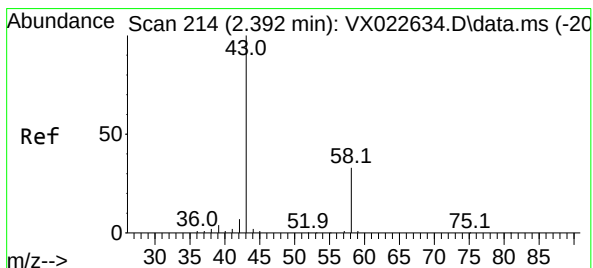
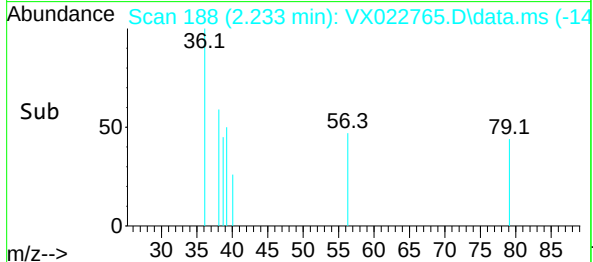
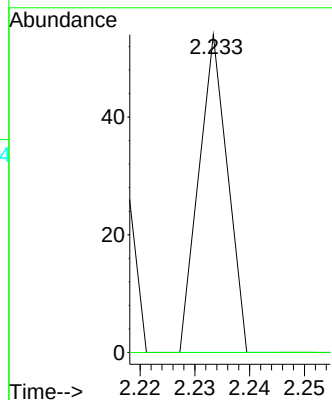
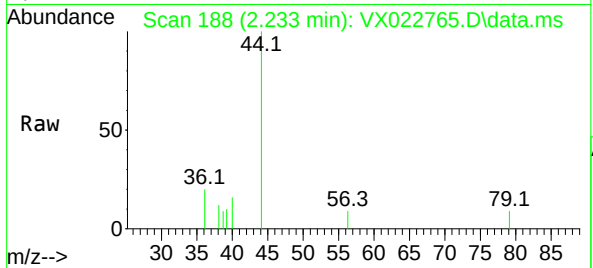




#13
Acrolein
Concen: 0.214 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

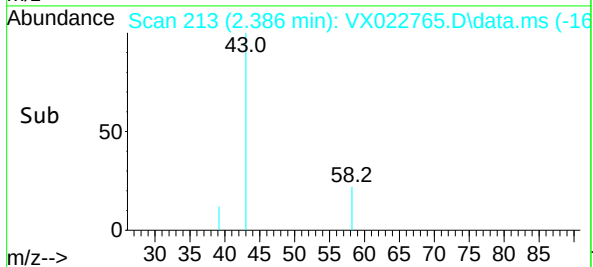
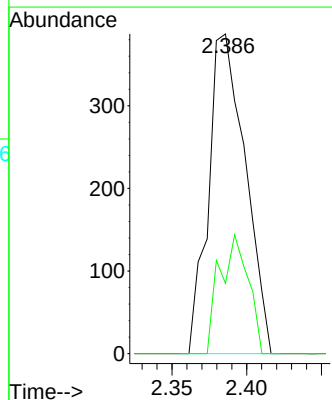
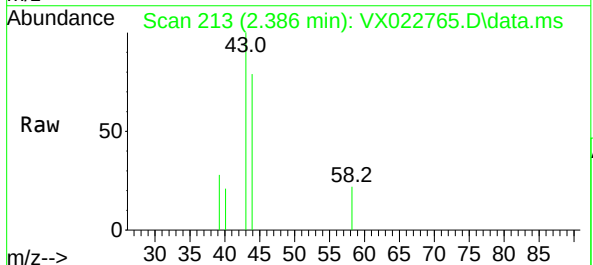
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

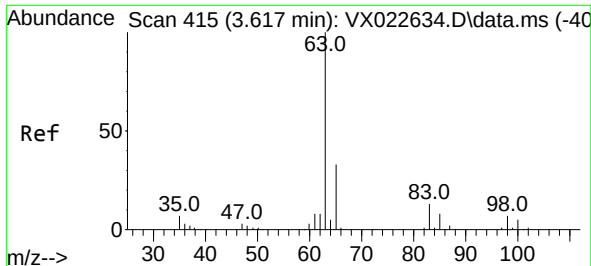
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 1.535 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
58 22.0 27.8 41.8#

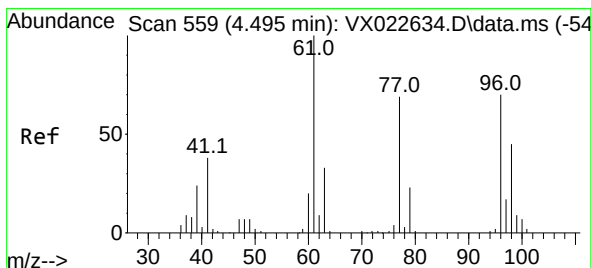
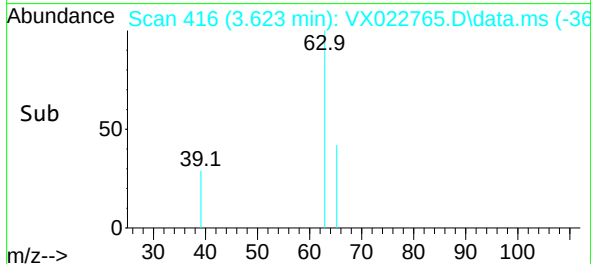
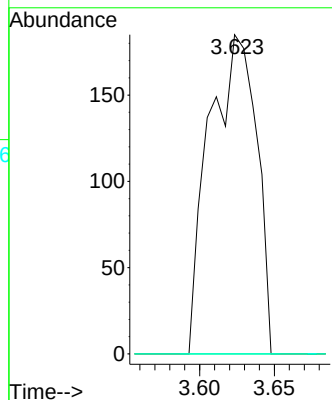
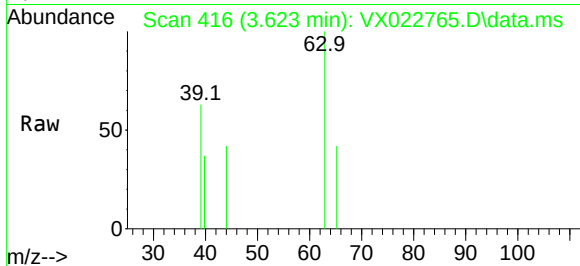




#24
1,1-Dichloroethane
Concen: 0.282 ug/l
RT: 3.623 min Scan# 416
Delta R.T. 0.012 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

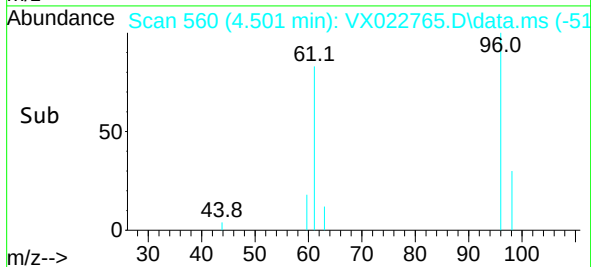
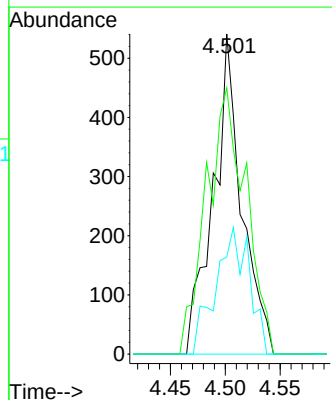
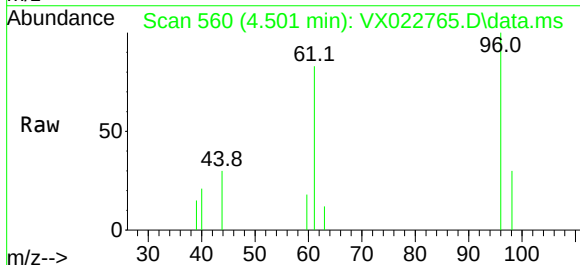
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

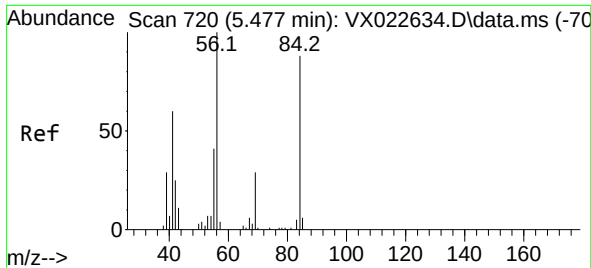
Tgt Ion: 63 Resp: 407
Ion Ratio Lower Upper
63 100
98 0.0 3.8 11.2#
100 0.0 2.5 7.5#



#27
cis-1,2-Dichloroethene
Concen: 1.114 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion: 96 Resp: 978
Ion Ratio Lower Upper
96 100
61 115.2 0.0 285.6
98 46.6 0.0 129.6

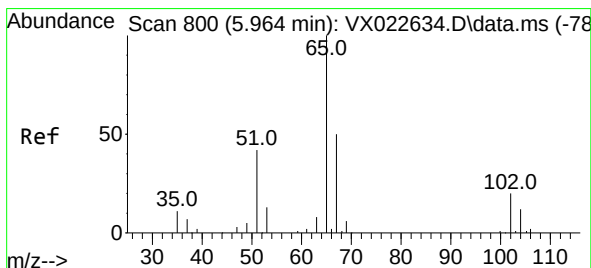
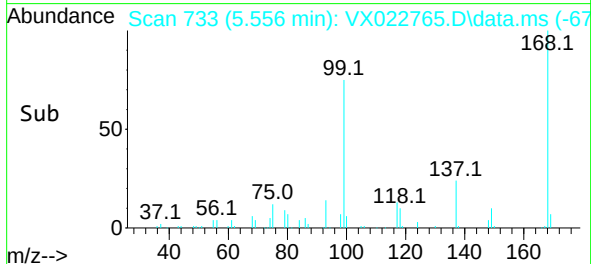
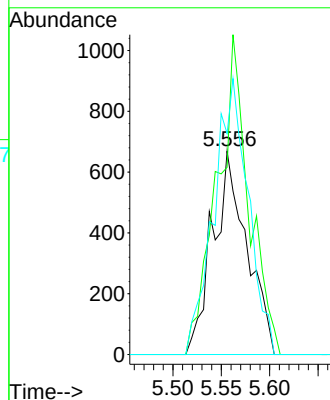
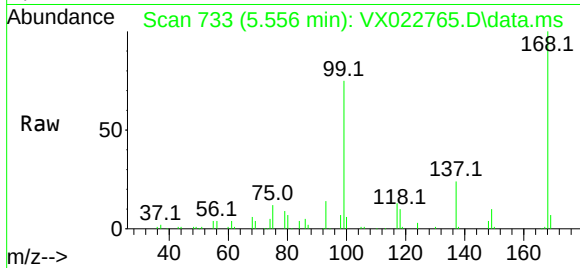




#31
Cyclohexane
Concen: 1.410 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

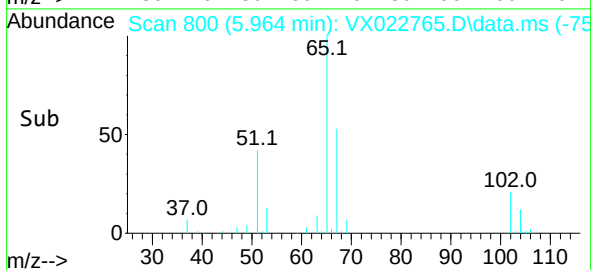
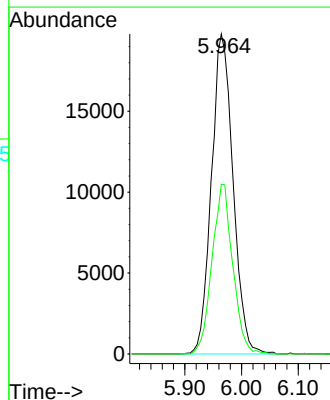
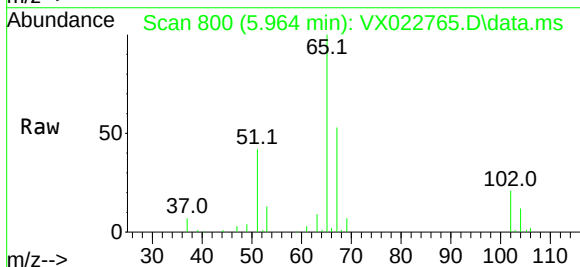
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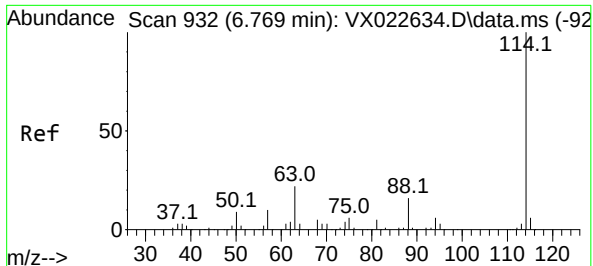
Tgt Ion: 56 Resp: 1638
Ion Ratio Lower Upper
56 100
69 92.1 25.3 37.9#
84 108.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.298 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion: 65 Resp: 52300
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

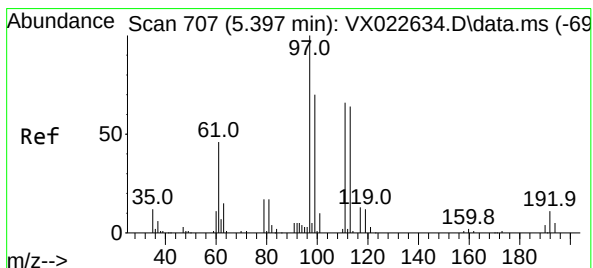
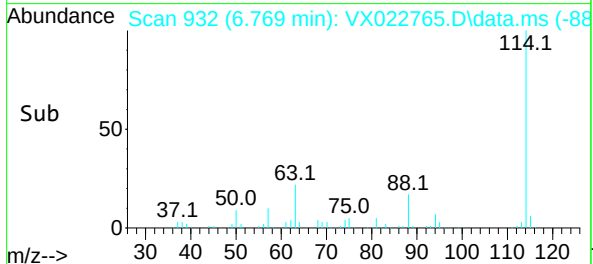
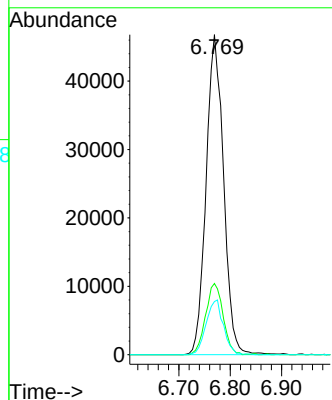
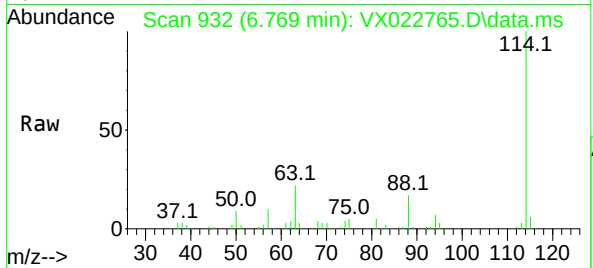




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

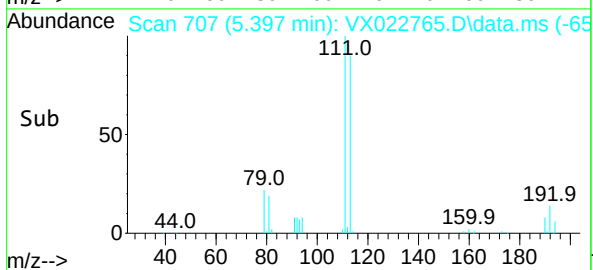
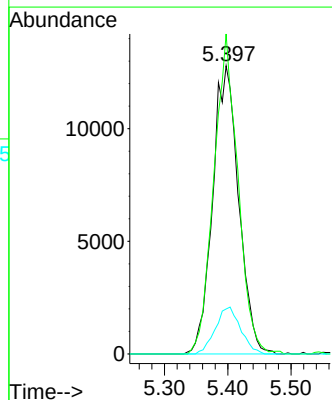
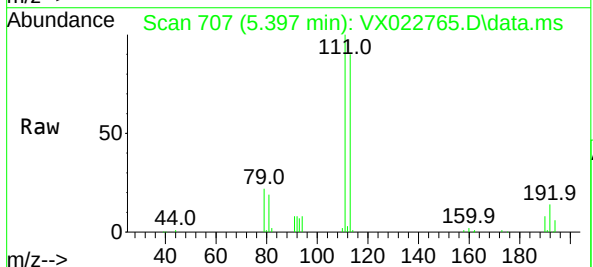
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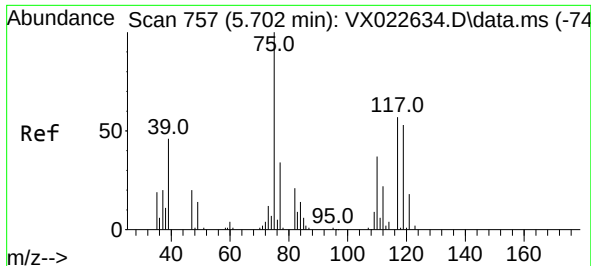
Tgt Ion:114 Resp: 110209
Ion Ratio Lower Upper
114 100
63 22.2 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.045 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion:113 Resp: 36596
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 15.7 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 5.408 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022765.D

Acq: 18 Jun 2021 14:13

Tgt Ion: 75 Resp: 5938

Ion Ratio Lower Upper

75 100

110 5.8 18.1 54.4#

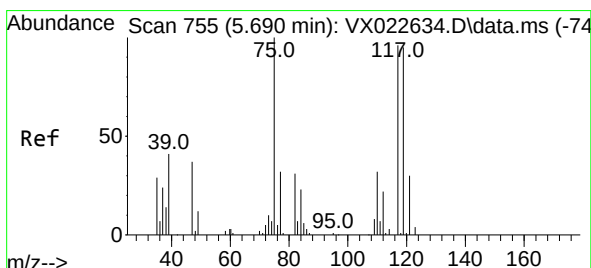
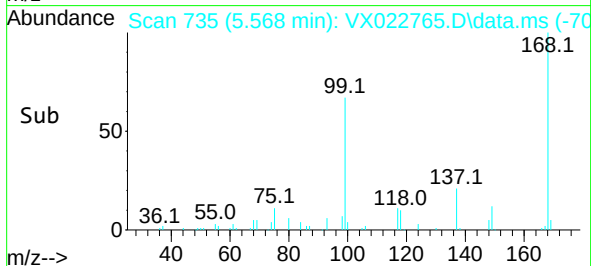
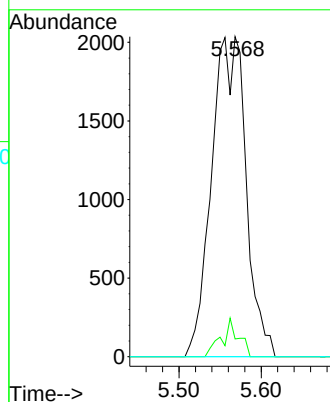
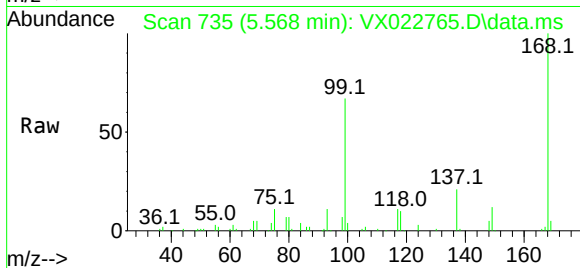
77 0.0 25.3 37.9#

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20210615DL



#38

Carbon Tetrachloride

Concen: 6.869 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX022765.D

Acq: 18 Jun 2021 14:13

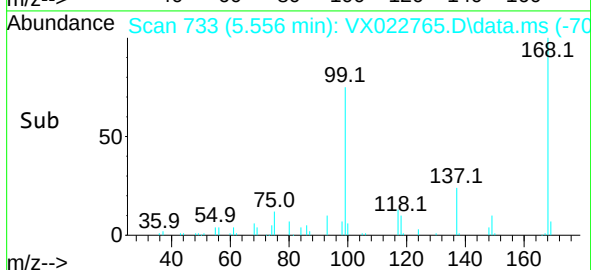
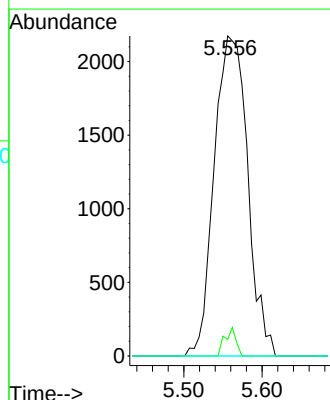
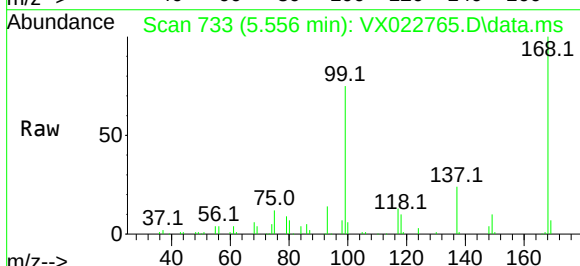
Tgt Ion: 117 Resp: 6452

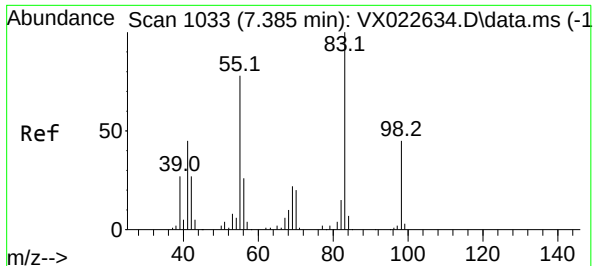
Ion Ratio Lower Upper

117 100

119 5.2 76.2 114.2#

121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.586 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022765.D

Acq: 18 Jun 2021 14:13

Tgt Ion: 83 Resp: 671

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

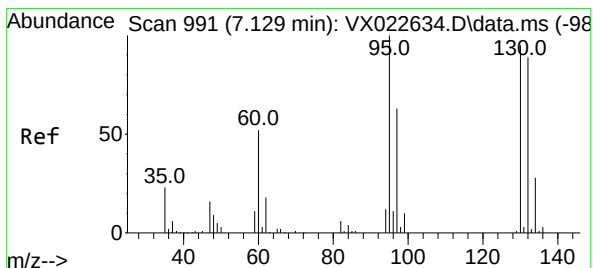
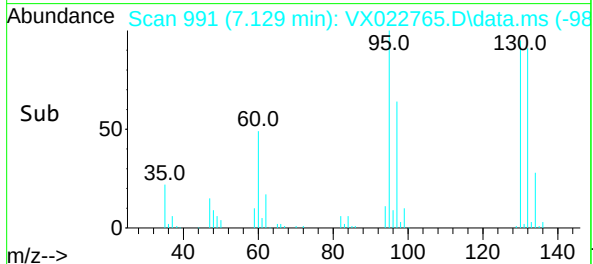
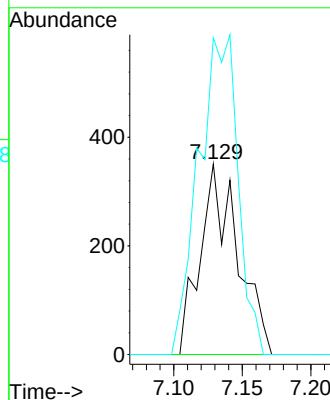
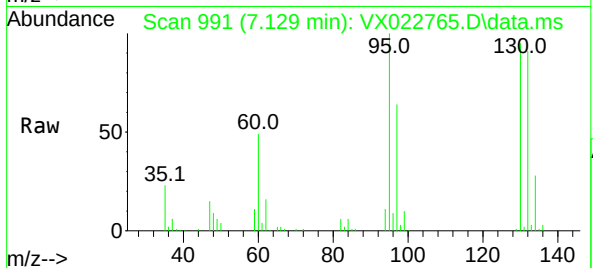
98 166.1 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20210615DL



#44

Trichloroethene

Concen: 55.876 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022765.D

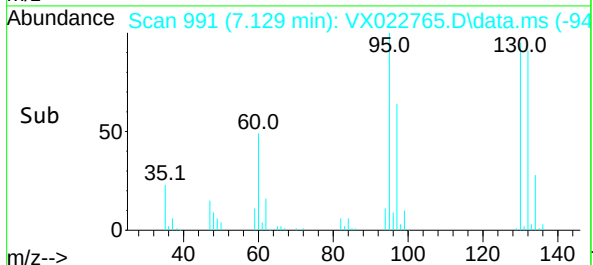
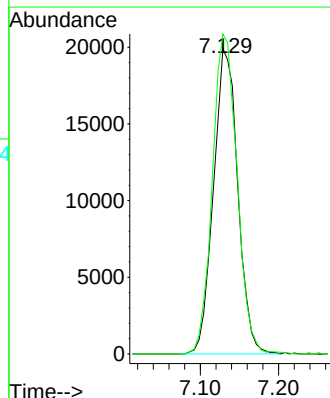
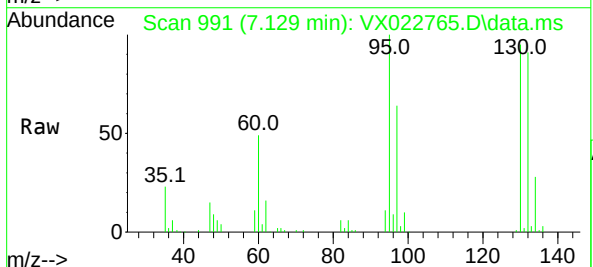
Acq: 18 Jun 2021 14:13

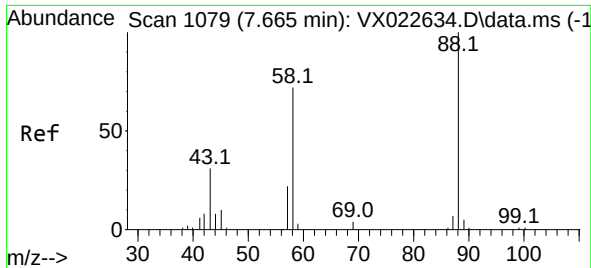
Tgt Ion:130 Resp: 42852

Ion Ratio Lower Upper

130 100

95 104.8 0.0 198.0





#49

1,4-Dioxane

Concen: 1.390 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.006 min

Lab File: VX022765.D

Acq: 18 Jun 2021 14:13

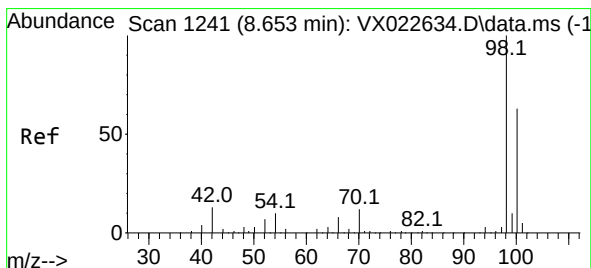
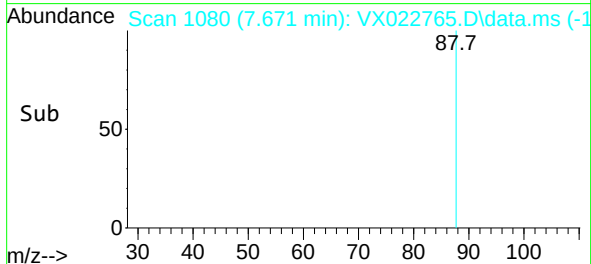
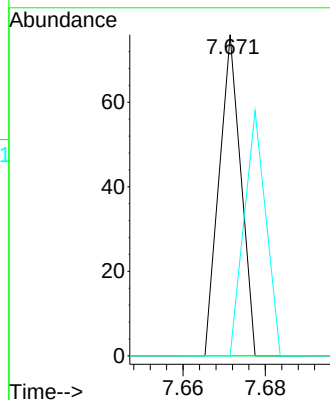
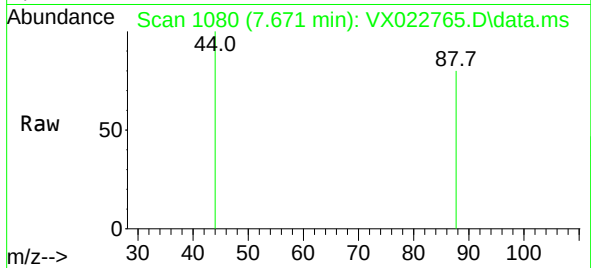
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

58 75.0 55.0 82.4



#50

Toluene-d8

Concen: 52.461 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022765.D

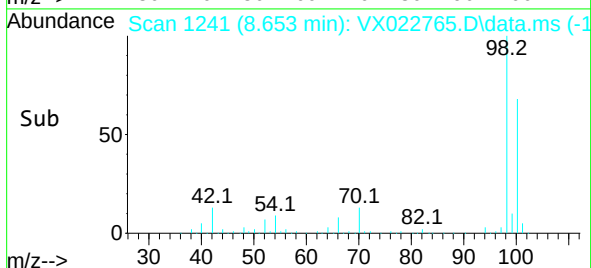
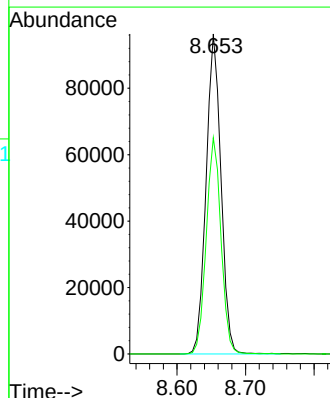
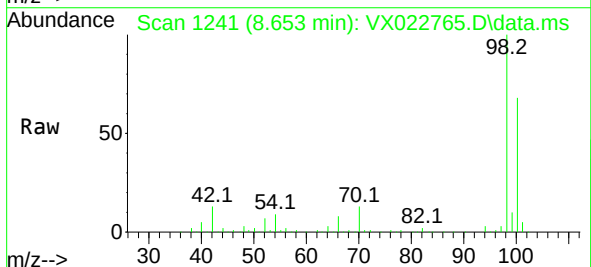
Acq: 18 Jun 2021 14:13

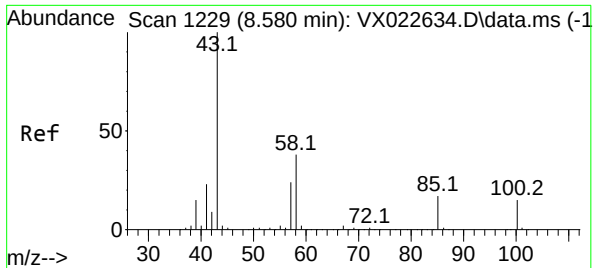
Tgt Ion: 98 Resp: 145416

Ion Ratio Lower Upper

98 100

100 67.1 51.9 77.9

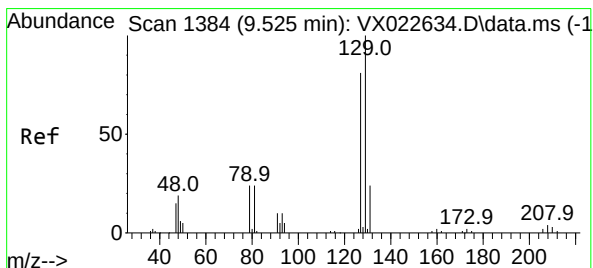
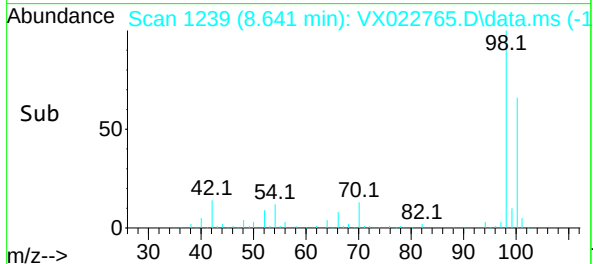
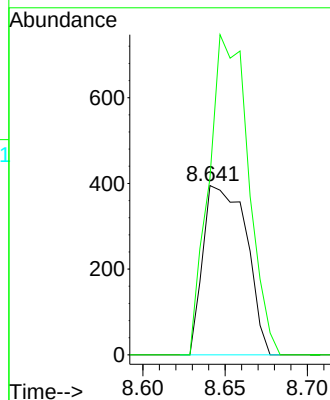
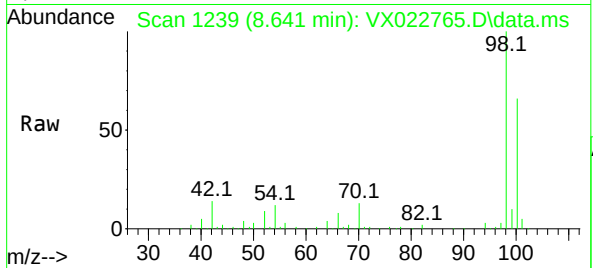




#51
4-Methyl-2-Pentanone
Concen: 0.516 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.061 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

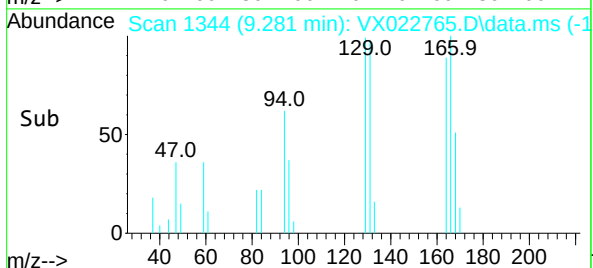
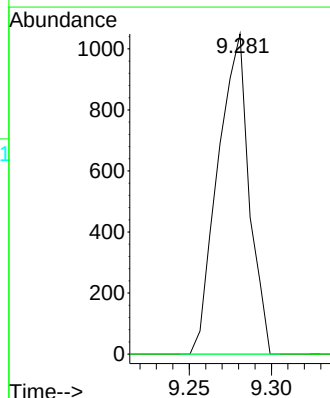
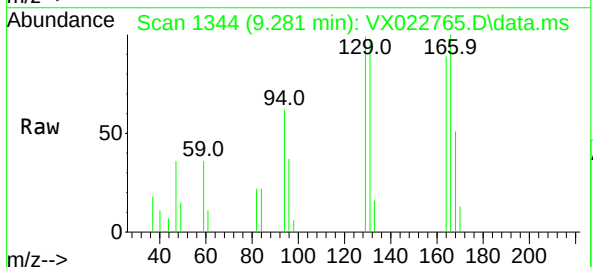
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

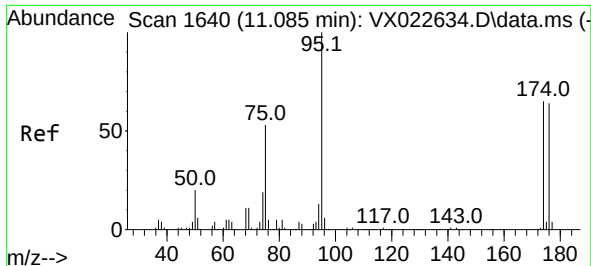
Tgt Ion: 43 Resp: 722
Ion Ratio Lower Upper
43 100
58 172.6 35.4 53.0#



#60
Dibromochloromethane
Concen: 4.762 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion: 129 Resp: 1390
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

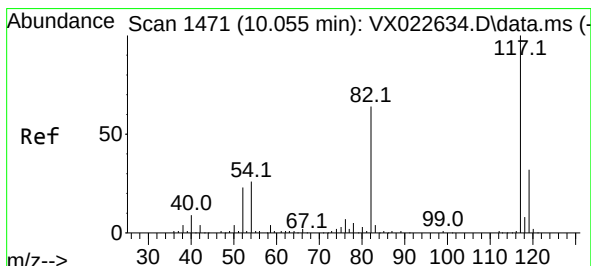
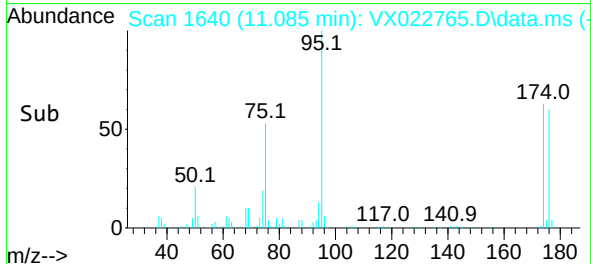
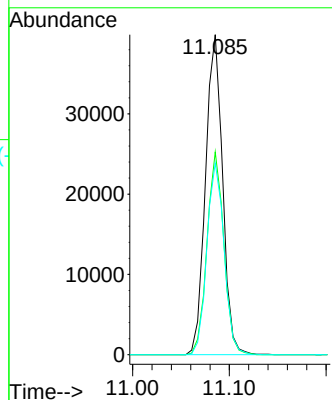
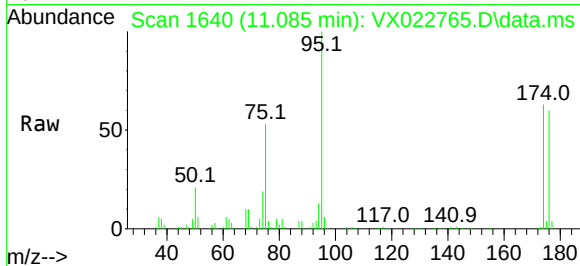




#62
4-Bromofluorobenzene
Concen: 46.788 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

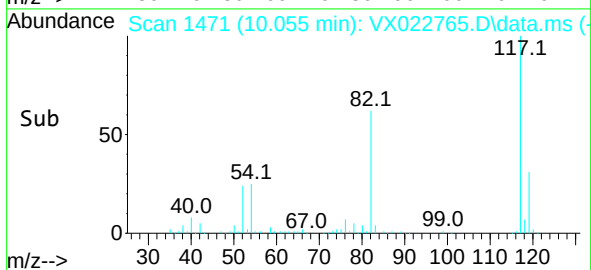
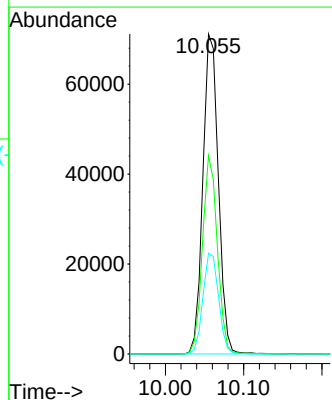
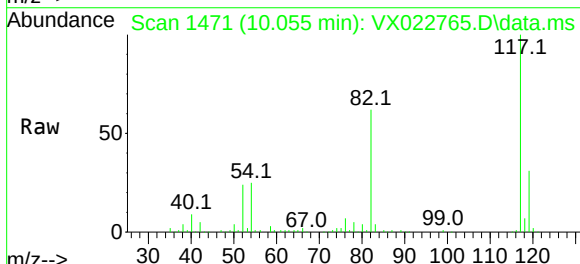
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

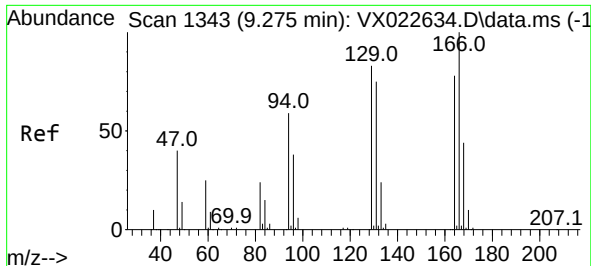
Tgt Ion:	95	Resp:	49049
Ion	Ratio	Lower	Upper
95	100		
174	62.3	0.0	154.6
176	60.2	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion:	117	Resp:	97468
Ion	Ratio	Lower	Upper
117	100		
82	62.0	47.4	71.2
119	31.5	26.6	39.8



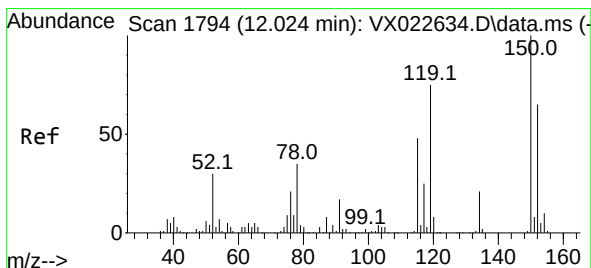
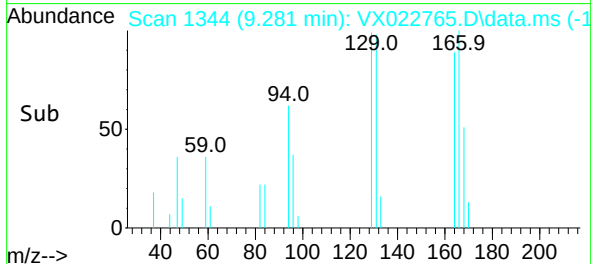
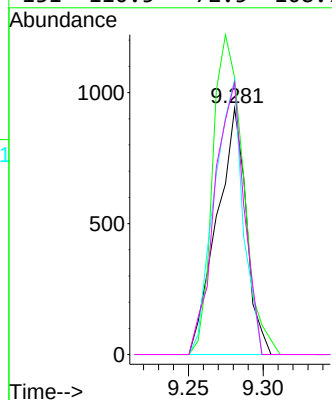
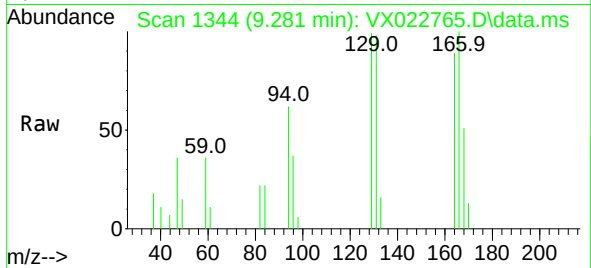


#64
Tetrachloroethene
Concen: 2.088 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

Tgt Ion:164 Resp: 1287

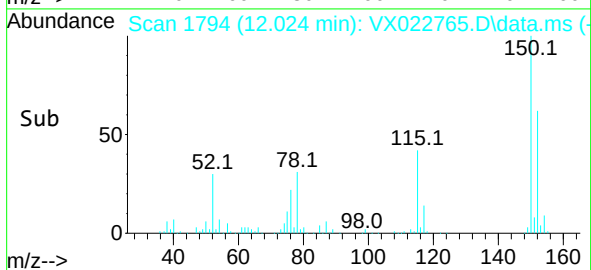
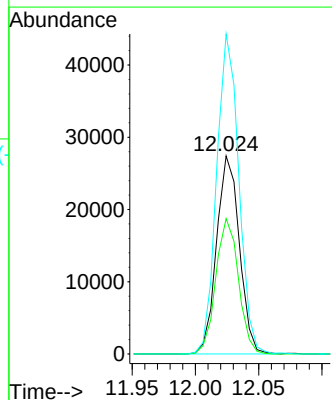
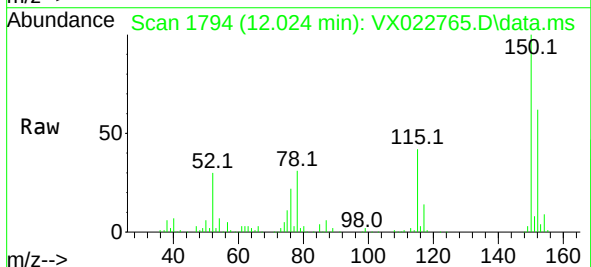
Ion	Ratio	Lower	Upper
164	100		
166	112.6	103.4	155.2
129	111.6	70.8	106.2#
131	110.5	72.5	108.7#

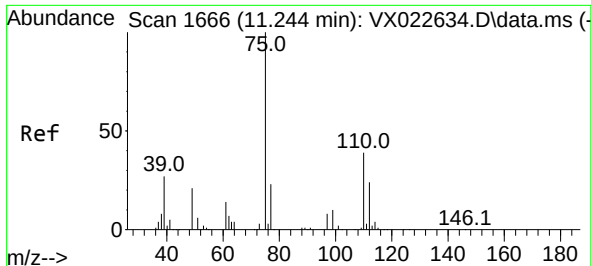


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Tgt Ion:152 Resp: 34332

Ion	Ratio	Lower	Upper
152	100		
115	67.6	41.1	123.3
150	157.2	0.0	349.0

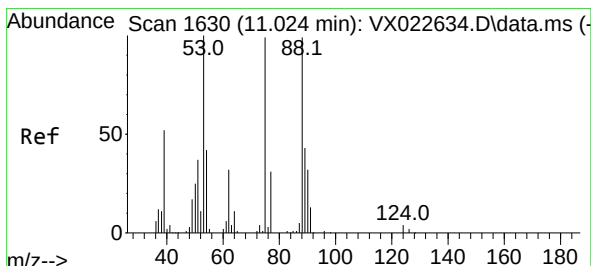
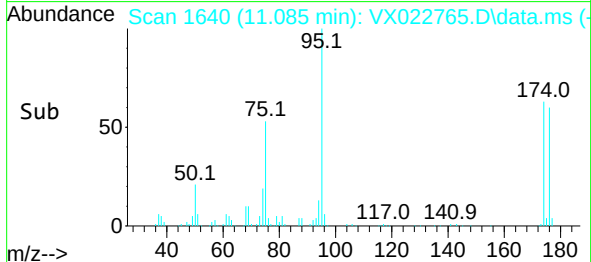
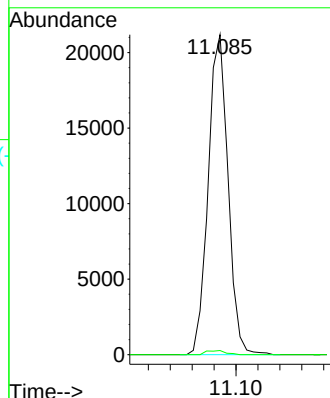
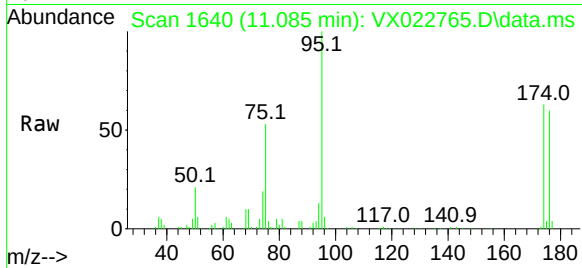




#76
1,2,3-Trichloropropane
Concen: 29.193 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

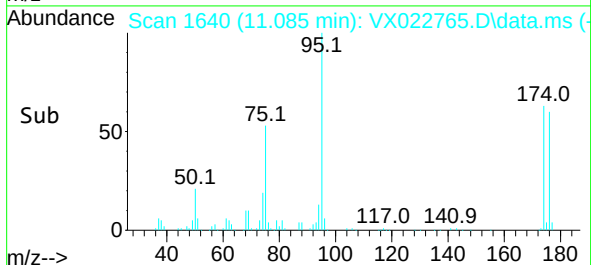
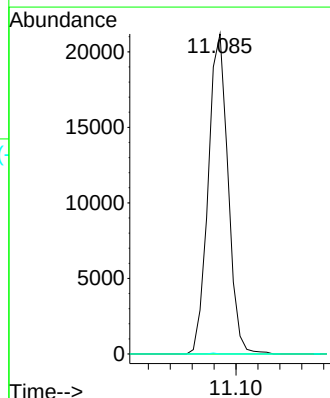
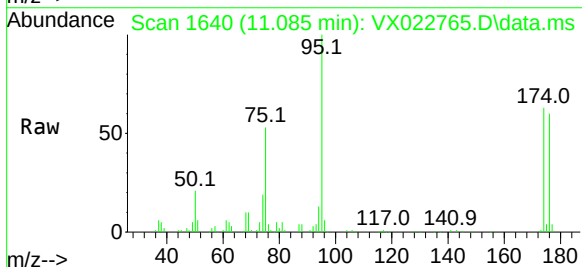
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL

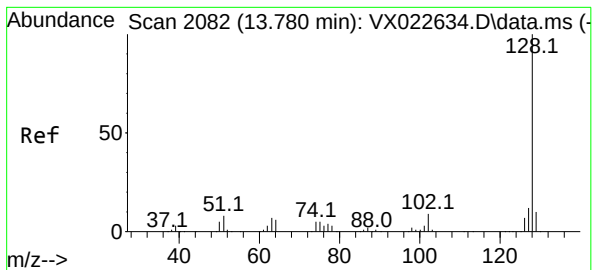
Tgt Ion: 75 Resp: 26574
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.499 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

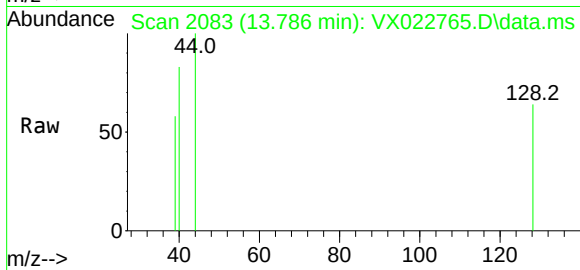
Tgt Ion: 75 Resp: 26574
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.486 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX022765.D
Acq: 18 Jun 2021 14:13

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20210615DL



Tgt Ion:128 Resp: 33
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

