

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032822\
 Data File : VX027765.D
 Acq On : 28 Mar 2022 21:13
 Operator : JC/MD
 Sample : N1977-07ME
 Misc : 5.32g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-14-20220315-18.5-19.5ME

Quant Time: Mar 29 05:42:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 16:26:59 2022
 Response via : Initial Calibration

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

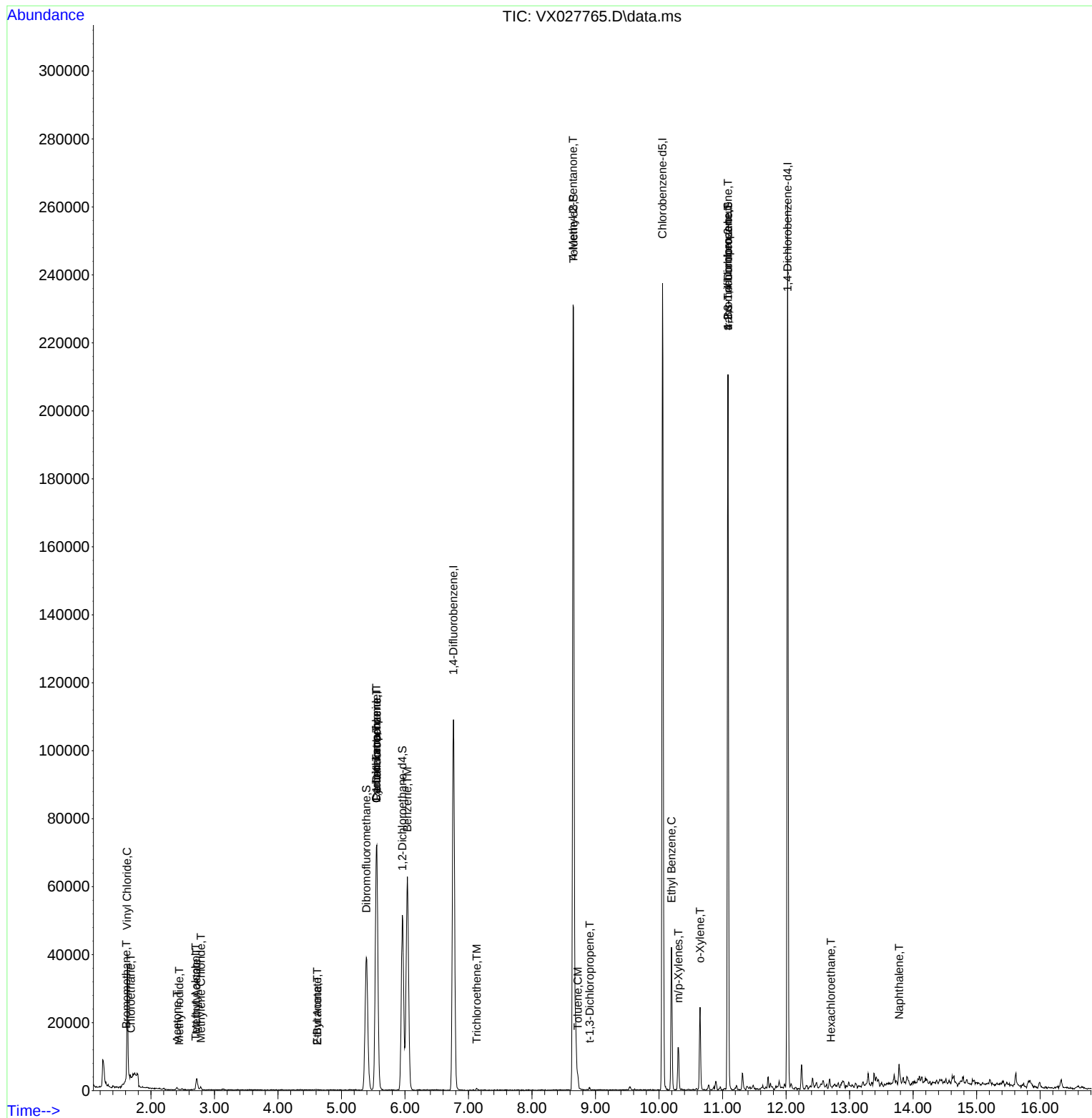
Internal Standards						
1) Pentafluorobenzene	5.556	168	62838	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	110115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95507	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	52898	51.326	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.660%			
35) Dibromofluoromethane	5.391	113	34627	47.886	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.780%			
50) Toluene-d8	8.653	98	135318	48.409	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.820%			
62) 4-Bromofluorobenzene	11.085	95	56255	49.597	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.200%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.624	62	259	0.357	ug/l	# 80
5) Bromomethane	1.612	94	127	0.436	ug/l	# 3
6) Chloroethane	1.685	64	97	0.208	ug/l	# 43
10) Methyl Iodide	2.447	142	22	2.894	ug/l	# 41
11) Tert butyl alcohol	2.703	59	208	1.084	ug/l	# 72
16) Acetone	2.410	43	734	1.684	ug/l	# 71
18) Methyl Acetate	2.715	43	4355	3.907	ug/l	# 87
20) Methylene Chloride	2.788	84	387	0.498	ug/l	# 63
25) 2-Butanone	4.617	43	278	0.397	ug/l	# 44
31) Cyclohexane	5.550	56	1648	1.319	ug/l	# 37
36) 1,1-Dichloropropene	5.550	75	5911	5.175	ug/l	# 49
37) Ethyl Acetate	4.617	43	278	0.209	ug/l	# 65
38) Carbon Tetrachloride	5.550	117	7390	6.621	ug/l	# 14
40) Benzene	6.038	78	73024	23.145	ug/l	# 99
44) Trichloroethene	7.129	130	236	0.289	ug/l	100
51) 4-Methyl-2-Pentanone	8.647	43	831	0.603	ug/l	# 1
52) Toluene	8.720	92	1377	0.698	ug/l	88
53) t-1,3-Dichloropropene	8.909	75	221	1.817	ug/l	# 43
67) Ethyl Benzene	10.195	91	22449	5.990	ug/l	93
68) m/p-Xylenes	10.305	106	2867	2.111	ug/l	80
69) o-Xylene	10.647	106	4678	3.427	ug/l	79
76) 1,2,3-Trichloropropane	11.085	75	32903	27.468	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	32903	93.497	ug/l	# 15
90) Hexachloroethane	12.707	117	139	0.303	ug/l	# 10
95) Naphthalene	13.780	128	3367	1.099	ug/l	99

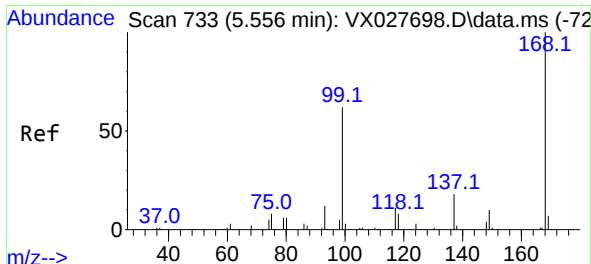
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-14-20220315-18.5-19.5ME

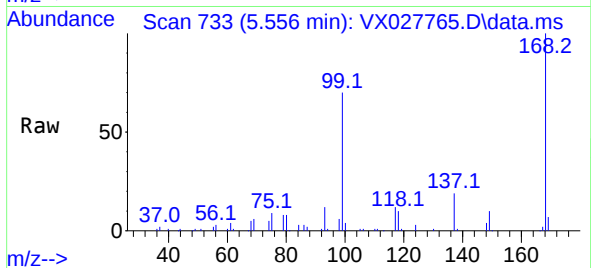
Quant Time: Mar 29 05:42:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032522W.M
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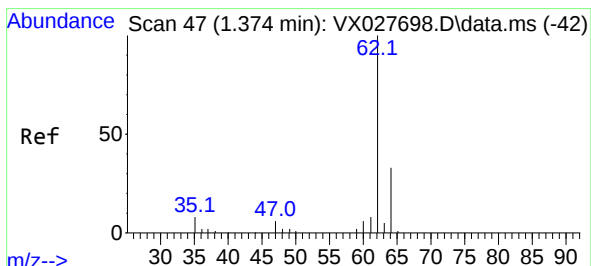
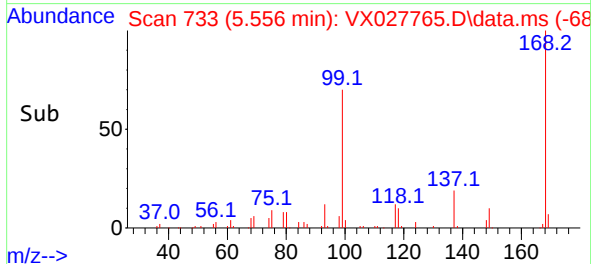
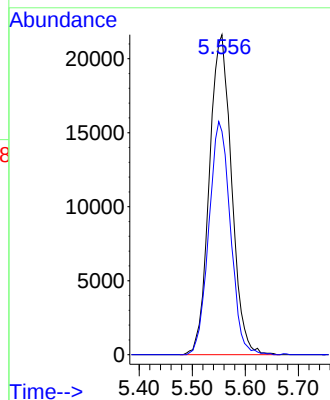


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

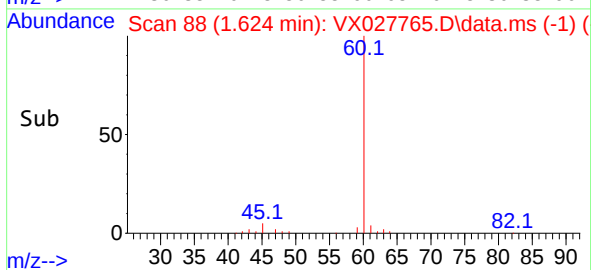
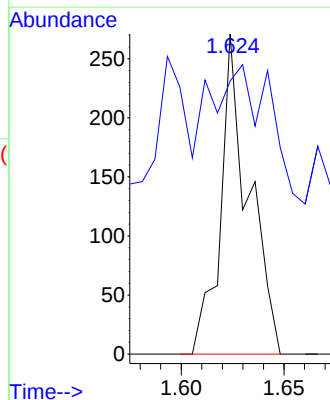
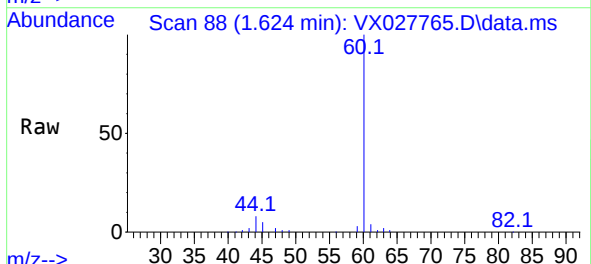


Tgt Ion:168 Resp: 62838
Ion Ratio Lower Upper
168 100
99 69.7 41.7 62.5#

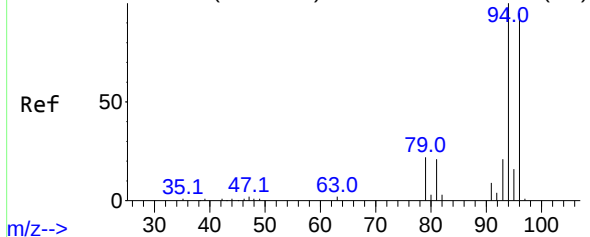


#4
Vinyl Chloride
Concen: 0.357 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.250 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 62 Resp: 259
Ion Ratio Lower Upper
62 100
64 20.7 25.5 38.3#



Abundance Scan 84 (1.599 min): VX027698.D\data.ms (-78)



#5

Bromomethane

Concen: 0.436 ug/l

RT: 1.612 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX027765.D

Acq: 28 Mar 2022 21:13

Instrument :

MSVOA_X

ClientSampleId :

SB-14-20220315-18.5-19.5ME

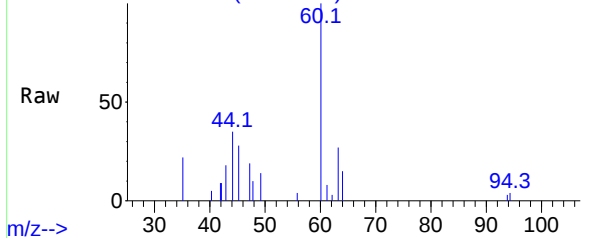
Tgt Ion: 94 Resp: 127

Ion Ratio Lower Upper

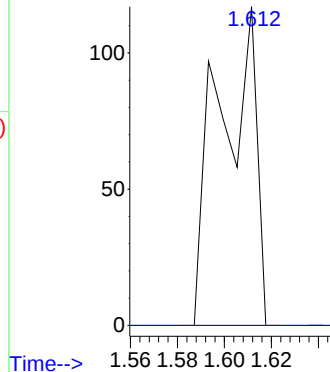
94 100

96 0.0 75.3 112.9#

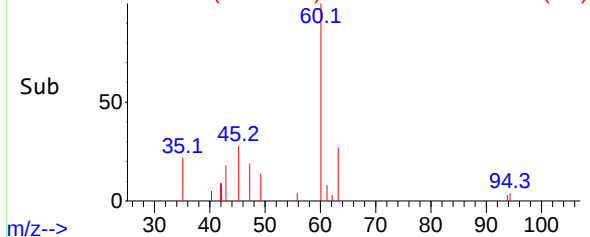
Abundance Scan 86 (1.612 min): VX027765.D\data.ms



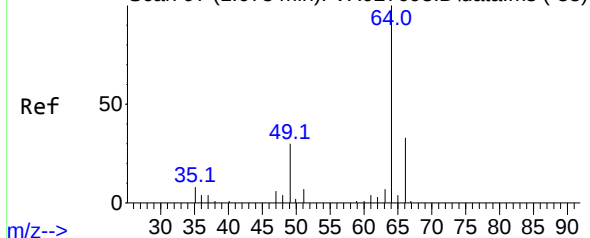
Abundance



Abundance Scan 86 (1.612 min): VX027765.D\data.ms (-35)



Abundance Scan 97 (1.678 min): VX027698.D\data.ms (-88)



#6

Chloroethane

Concen: 0.208 ug/l

RT: 1.685 min Scan# 98

Delta R.T. 0.007 min

Lab File: VX027765.D

Acq: 28 Mar 2022 21:13

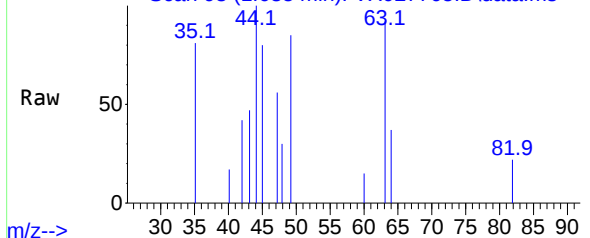
Tgt Ion: 64 Resp: 97

Ion Ratio Lower Upper

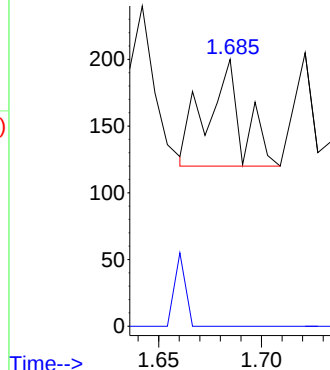
64 100

66 0.0 25.3 37.9#

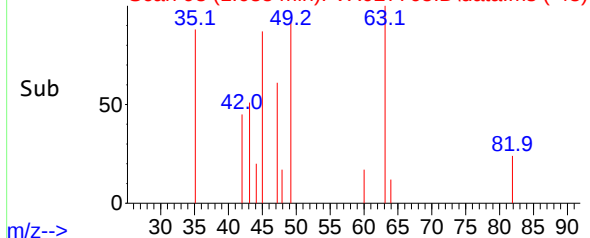
Abundance Scan 98 (1.685 min): VX027765.D\data.ms

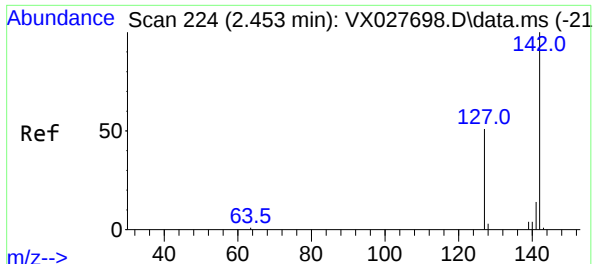


Abundance



Abundance Scan 98 (1.685 min): VX027765.D\data.ms (-48)

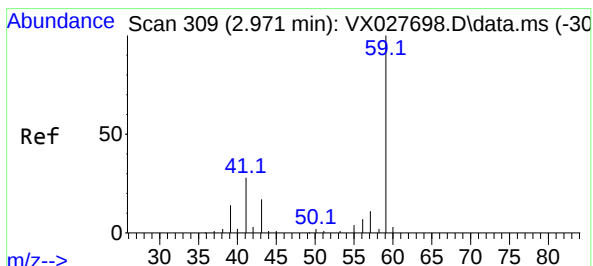
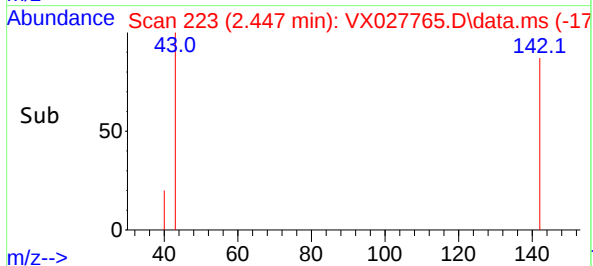
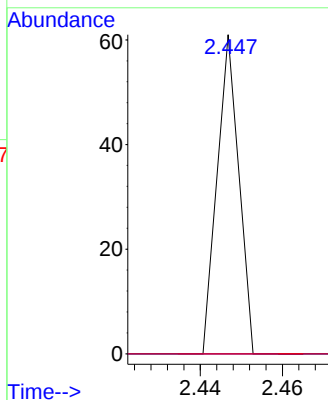
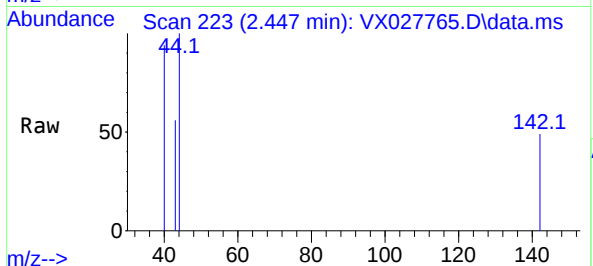




#10
Methyl Iodide
Concen: 2.894 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

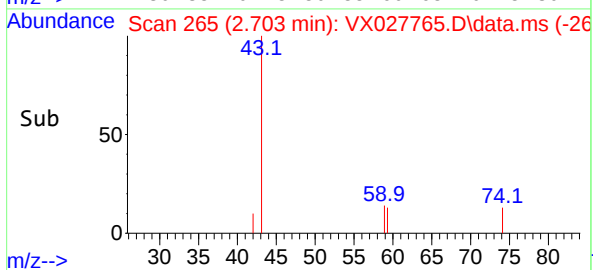
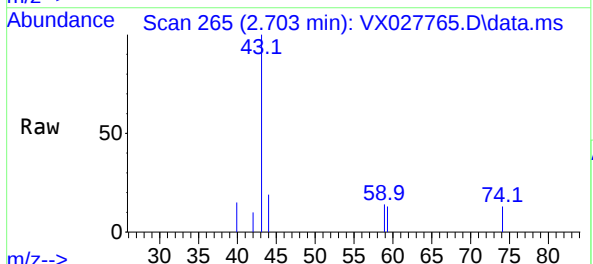
Instrument :
MSVOA_X
ClientSampleId :
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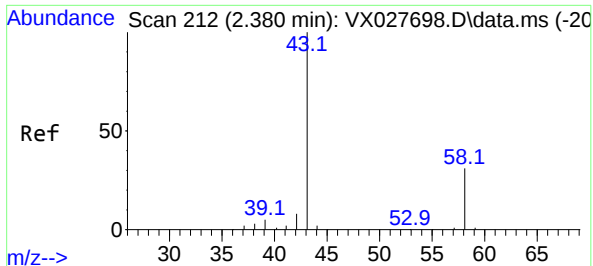
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.084 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.268 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 59 Resp: 208
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

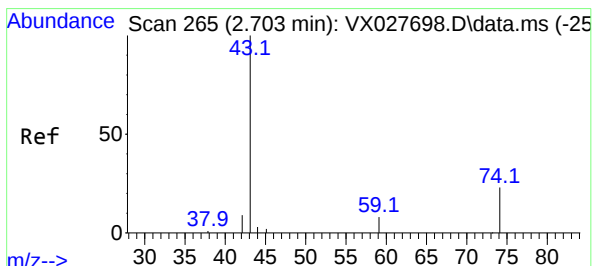
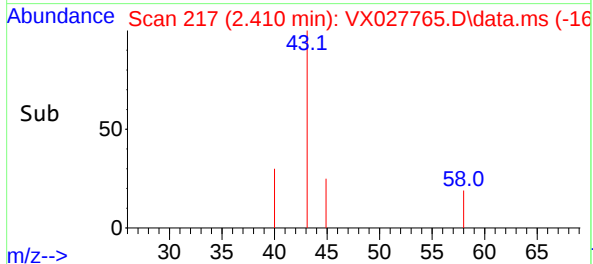
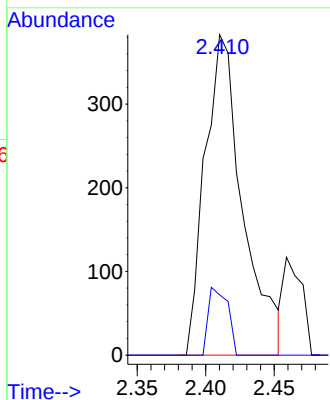
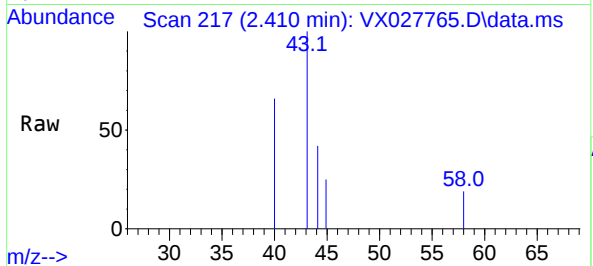




#16
Acetone
Concen: 1.684 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.030 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

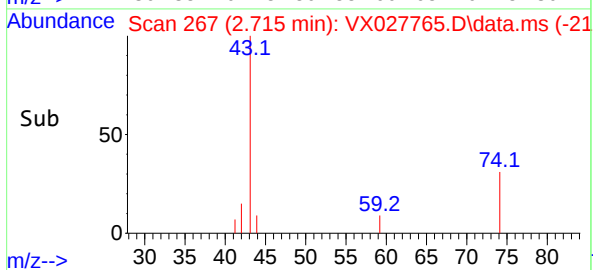
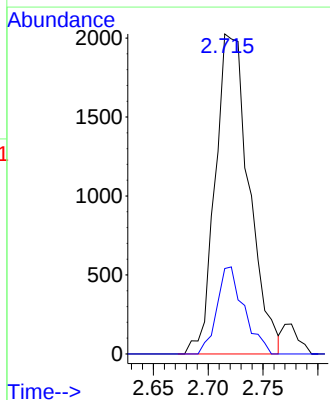
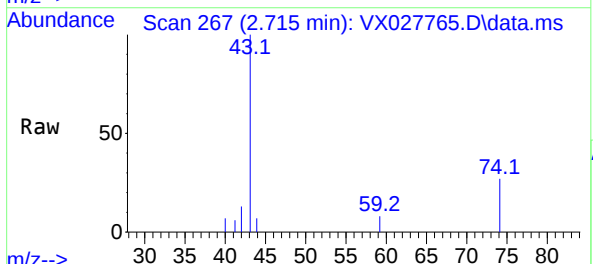
Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

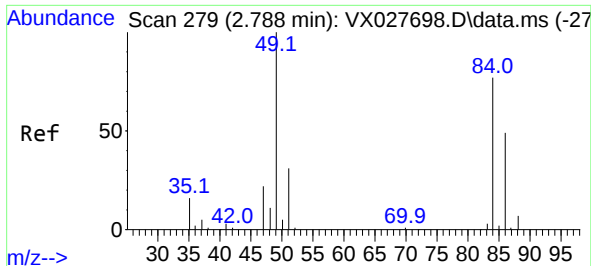
Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 18.8 28.8 43.2#



#18
Methyl Acetate
Concen: 3.907 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

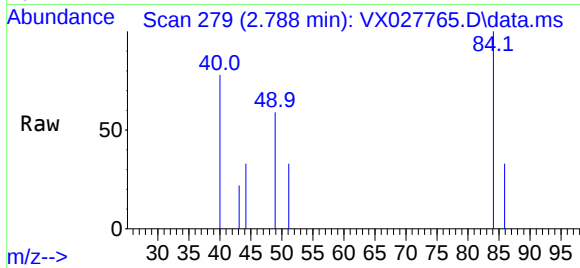
Tgt Ion: 43 Resp: 4355
Ion Ratio Lower Upper
43 100
74 21.7 22.8 34.2#



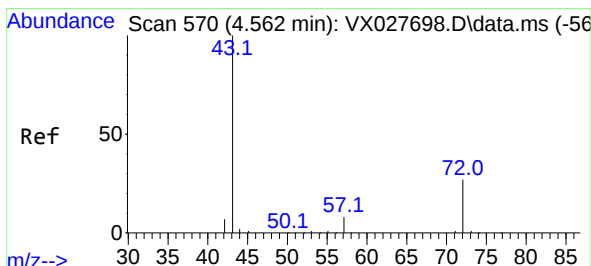
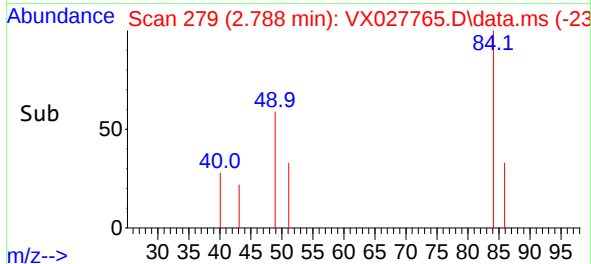
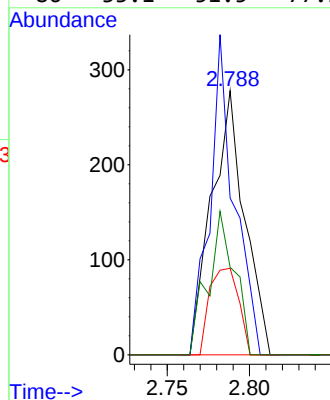


#20
Methylene Chloride
Concen: 0.498 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

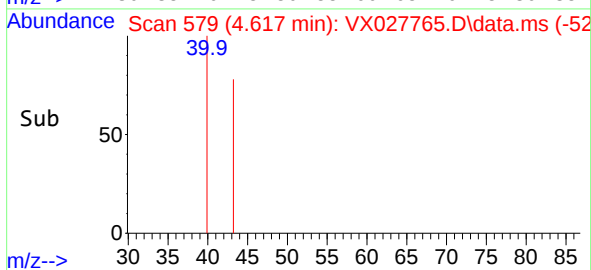
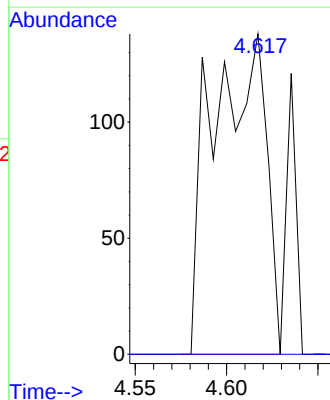
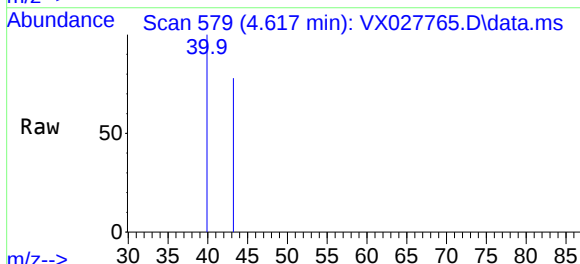


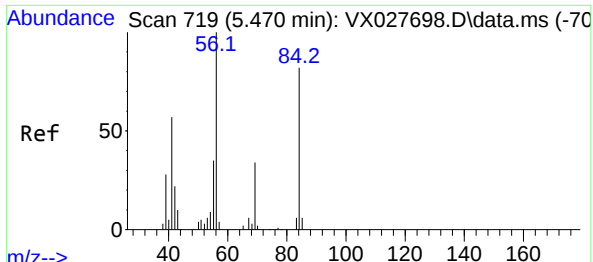
Tgt Ion: 84	Resp: 387
Ion Ratio	Lower Upper
84 100	
49 59.4	85.5 128.3#
51 32.7	26.6 39.8
86 33.1	51.5 77.3#



#25
2-Butanone
Concen: 0.397 ug/l
RT: 4.617 min Scan# 579
Delta R.T. 0.055 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 43	Resp: 278
Ion Ratio	Lower Upper
43 100	
72 0.0	24.4 36.6#

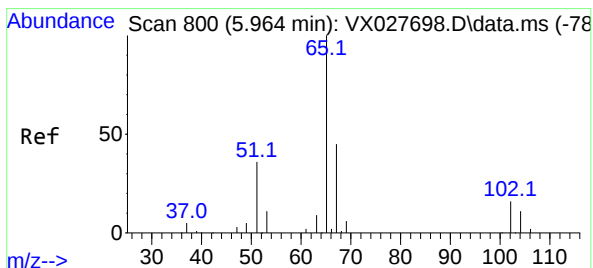
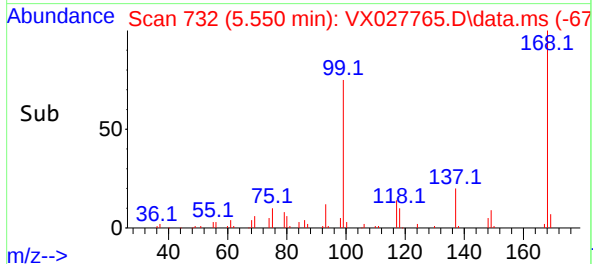
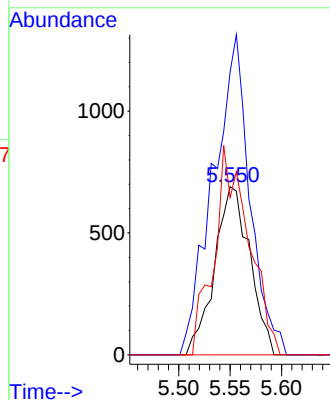
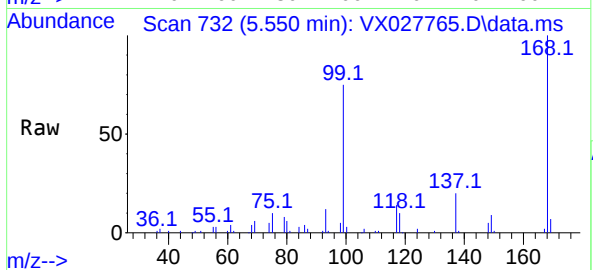




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

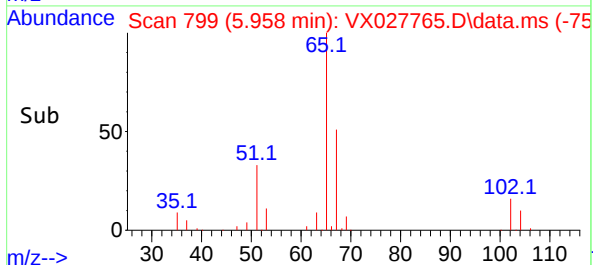
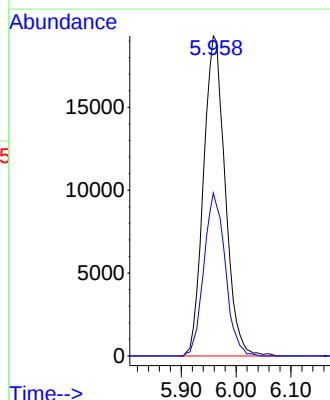
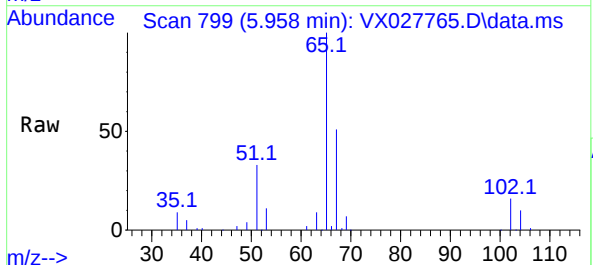
Instrument :
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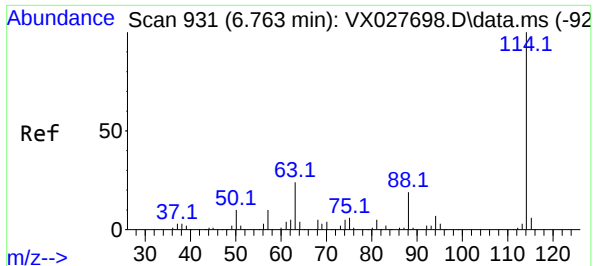
Tgt Ion: 56 Resp: 1648
Ion Ratio Lower Upper
56 100
69 168.3 26.7 40.1#
84 93.6 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.326 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 65 Resp: 52898
Ion Ratio Lower Upper
65 100
67 50.3 0.0 107.4

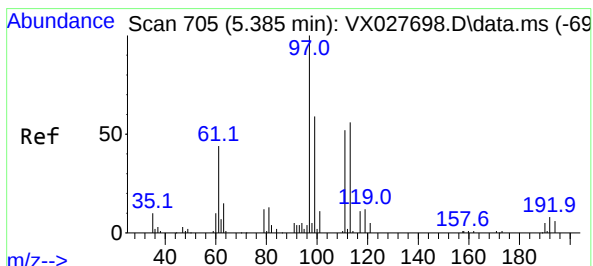
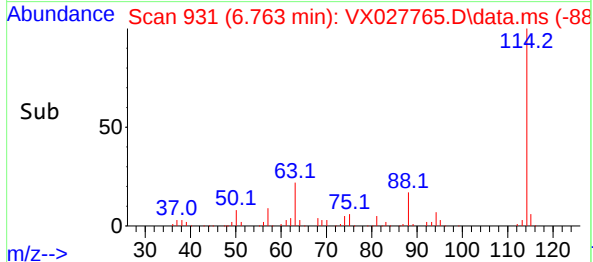
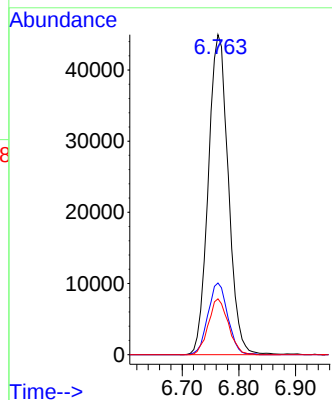
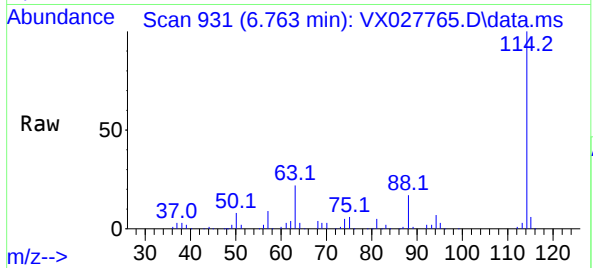




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

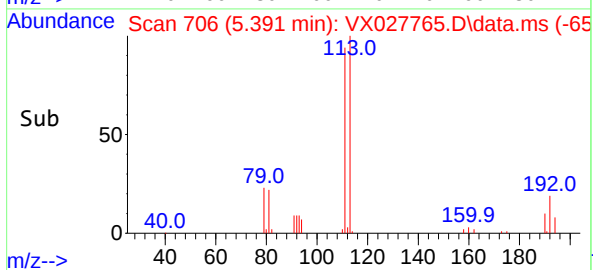
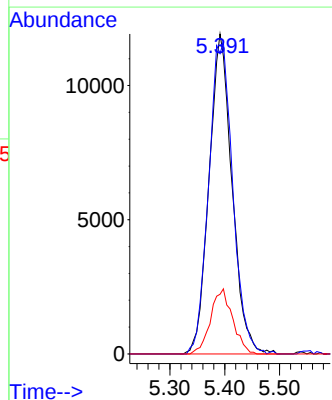
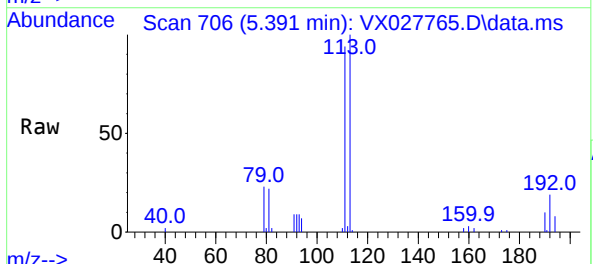
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ClientSampleId :
SB-14-20220315-18.5-19.5ME

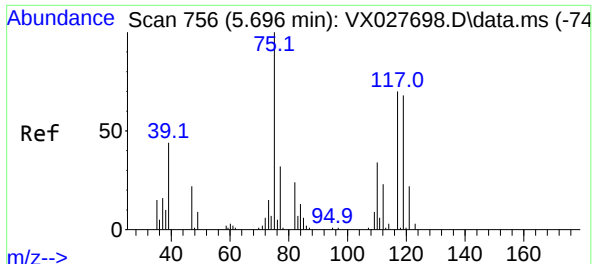
Tgt Ion:114 Resp: 110115
Ion Ratio Lower Upper
114 100
63 22.4 0.0 36.8
88 17.4 0.0 32.4



#35
Dibromofluoromethane
Concen: 47.886 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion:113 Resp: 34627
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.5 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX027765.D

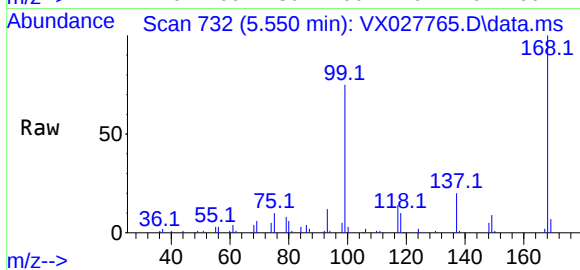
Acq: 28 Mar 2022 21:13

Instrument :

MSVOA_X

ClientSampleId :

SB-14-20220315-18.5-19.5ME



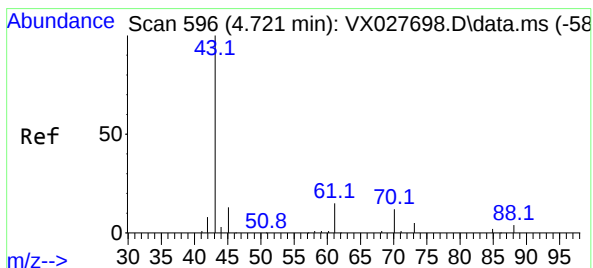
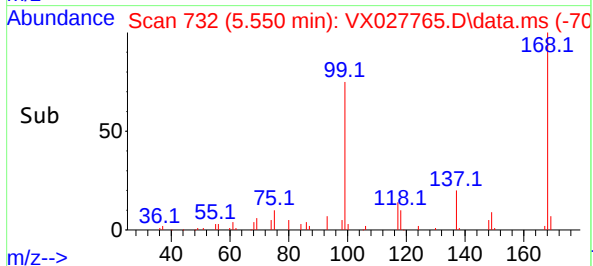
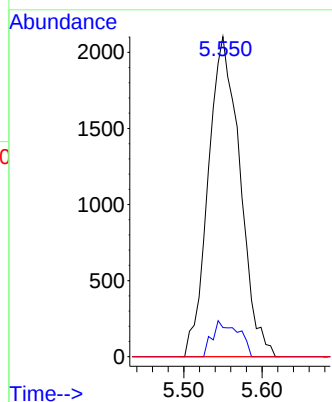
Tgt Ion: 75 Resp: 5911

Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#



#37

Ethyl Acetate

Concen: 0.209 ug/l

RT: 4.617 min Scan# 579

Delta R.T. -0.104 min

Lab File: VX027765.D

Acq: 28 Mar 2022 21:13

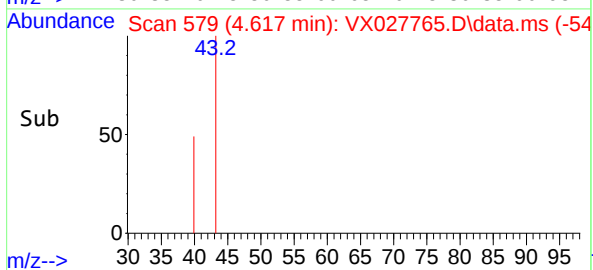
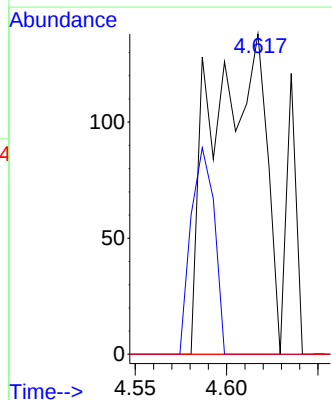
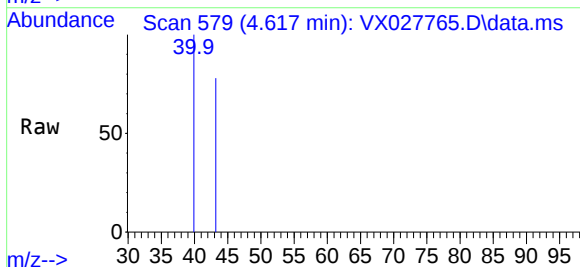
Tgt Ion: 43 Resp: 278

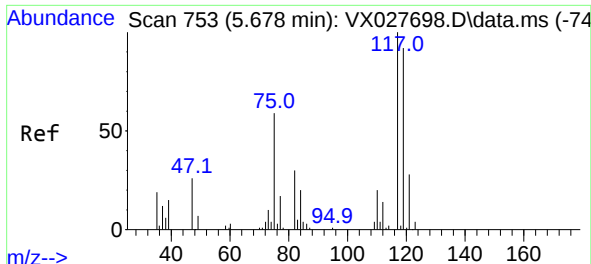
Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

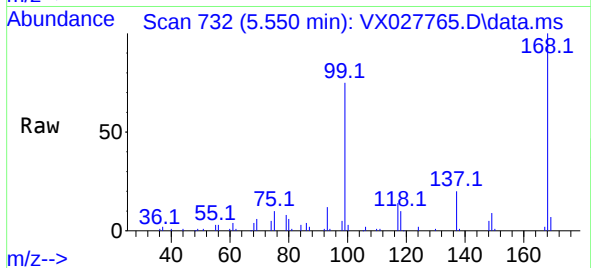
70 0.0 10.2 15.2#



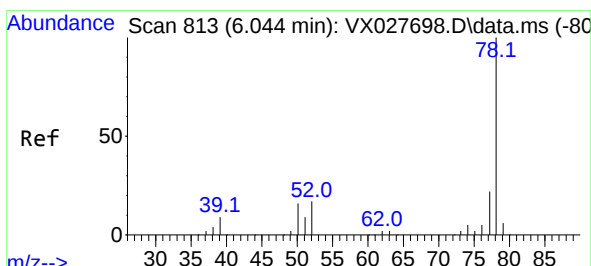
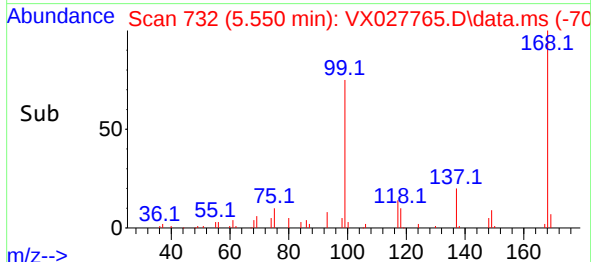
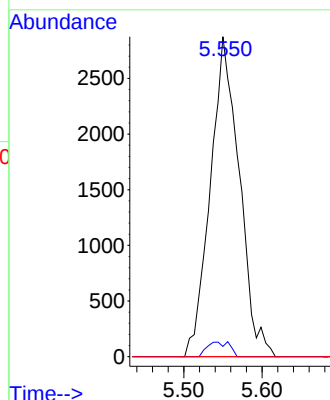


#38
Carbon Tetrachloride
Concen: 6.621 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

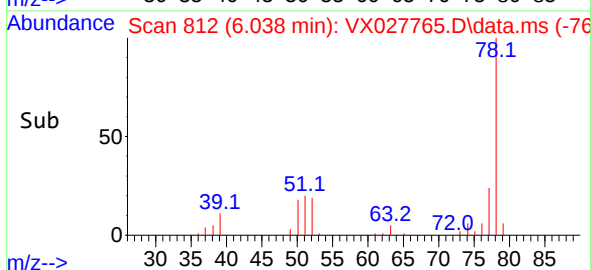
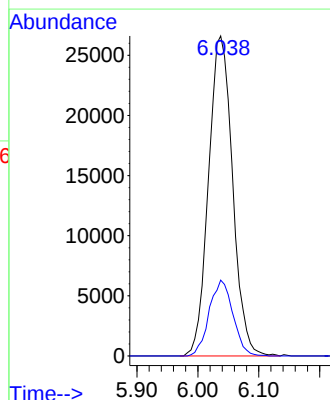
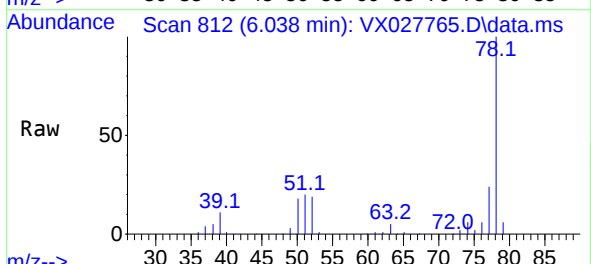


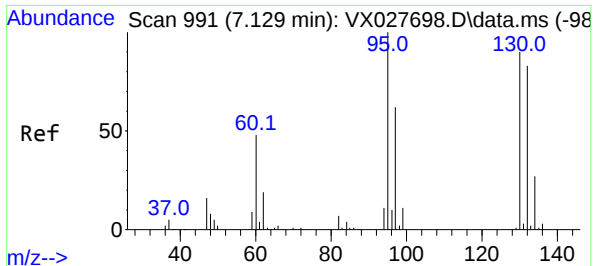
Tgt Ion:117 Resp: 7390
Ion Ratio Lower Upper
117 100
119 3.2 77.3 115.9#
121 0.0 24.2 36.2#



#40
Benzene
Concen: 23.145 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 78 Resp: 73024
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

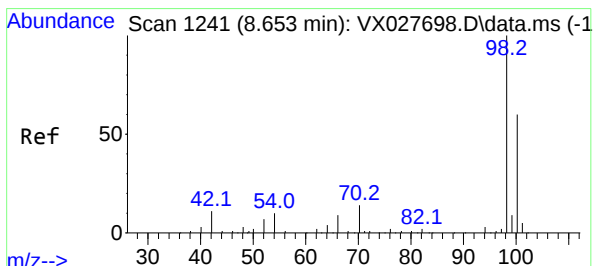
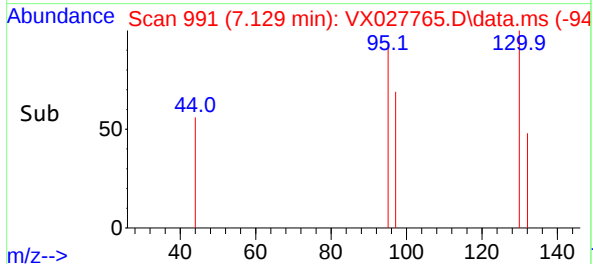
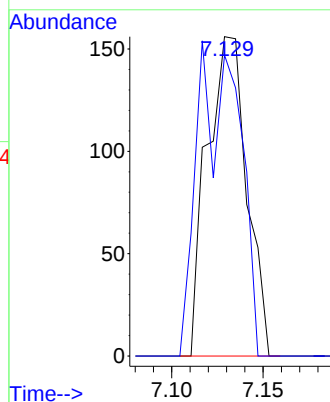
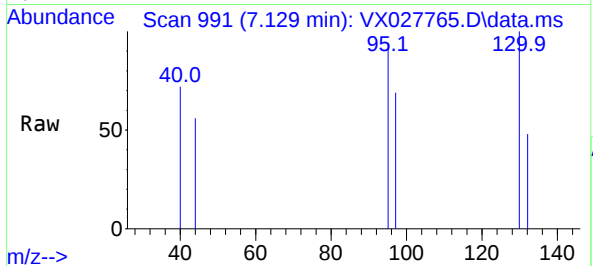




#44
Trichloroethene
Concen: 0.289 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

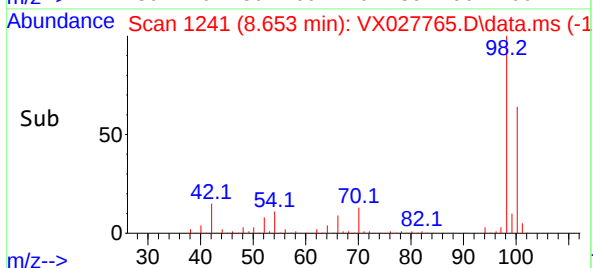
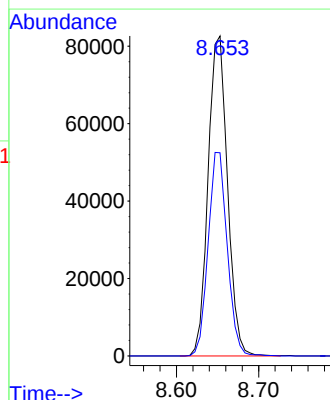
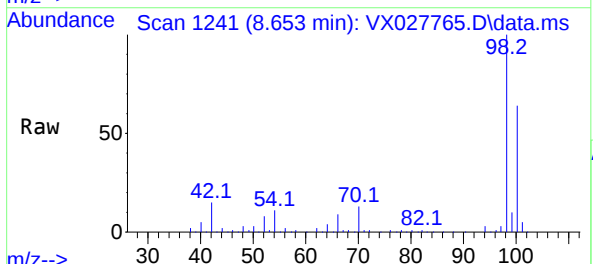
Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

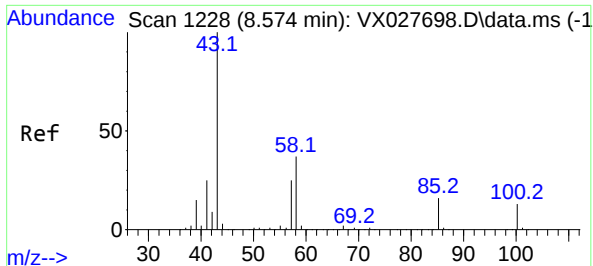
Tgt Ion:130 Resp: 236
Ion Ratio Lower Upper
130 100
95 94.2 0.0 188.8



#50
Toluene-d8
Concen: 48.409 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 98 Resp: 135318
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.603 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027765.D

Acq: 28 Mar 2022 21:13

Instrument :

MSVOA_X

ClientSampleId :

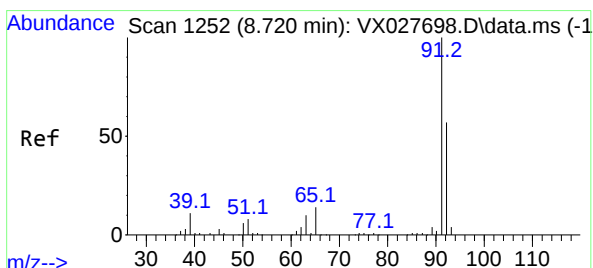
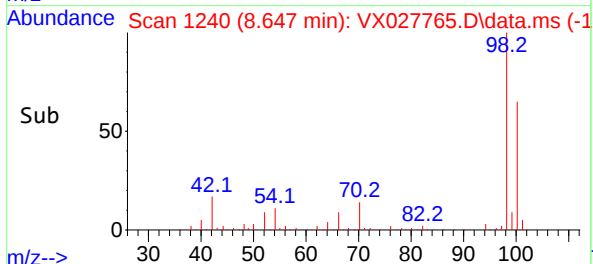
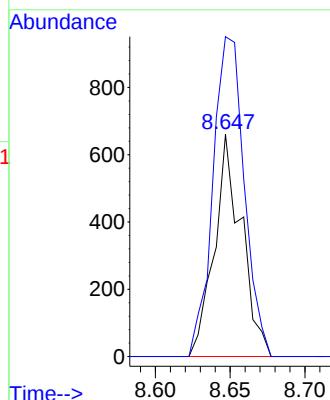
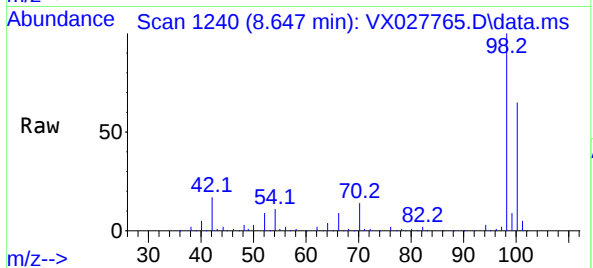
SB-14-20220315-18.5-19.5ME

Tgt Ion: 43 Resp: 831

Ion Ratio Lower Upper

43 100

58 167.1 36.1 54.1#



#52

Toluene

Concen: 0.698 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX027765.D

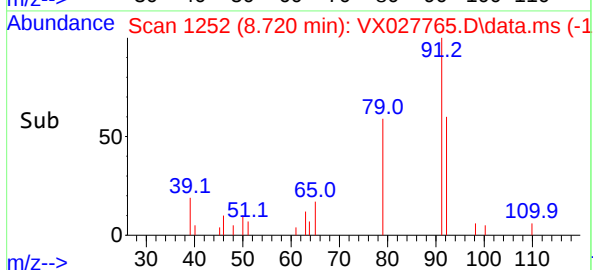
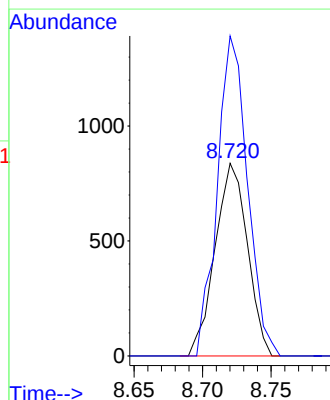
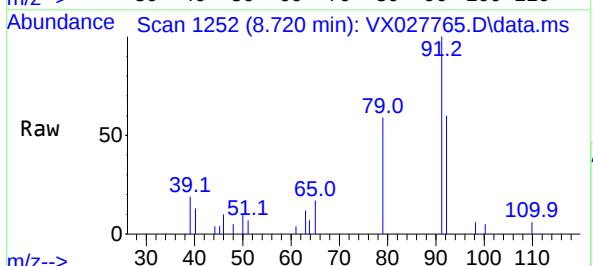
Acq: 28 Mar 2022 21:13

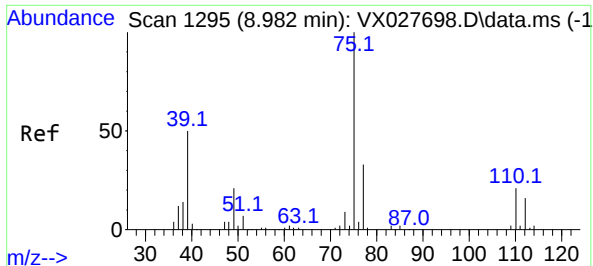
Tgt Ion: 92 Resp: 1377

Ion Ratio Lower Upper

92 100

91 154.8 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 1.817 ug/l

RT: 8.909 min Scan# 1283

Delta R.T. -0.073 min

Lab File: VX027765.D

Acq: 28 Mar 2022 21:13

Instrument :

MSVOA_X

ClientSampleId :

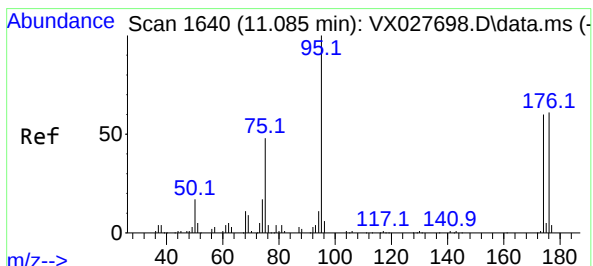
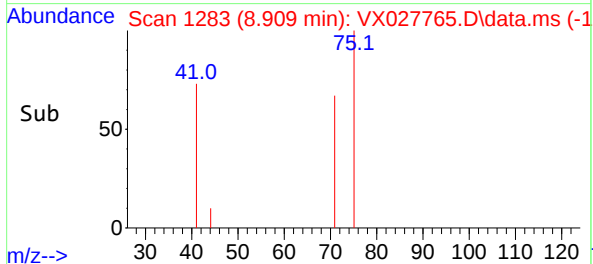
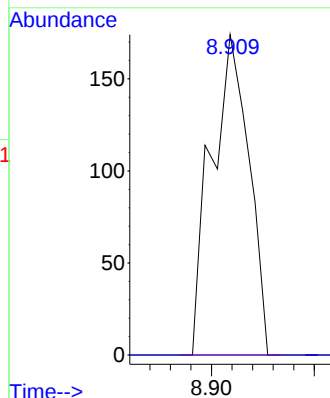
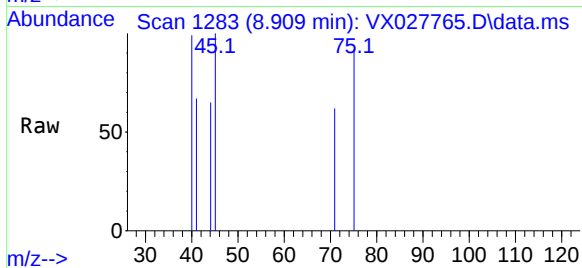
SB-14-20220315-18.5-19.5ME

Tgt Ion: 75 Resp: 221

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 49.597 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027765.D

Acq: 28 Mar 2022 21:13

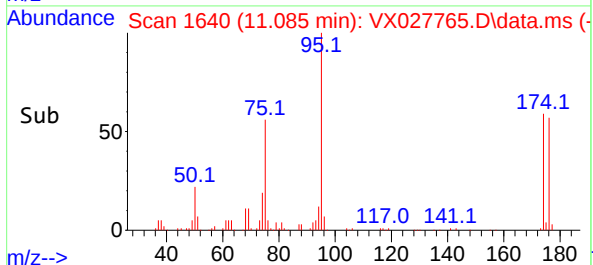
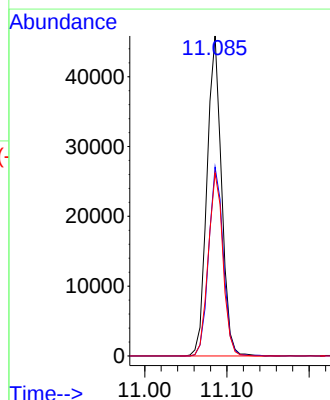
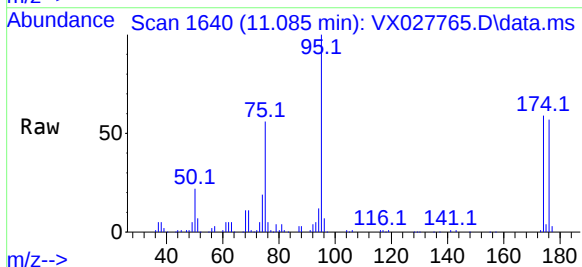
Tgt Ion: 95 Resp: 56255

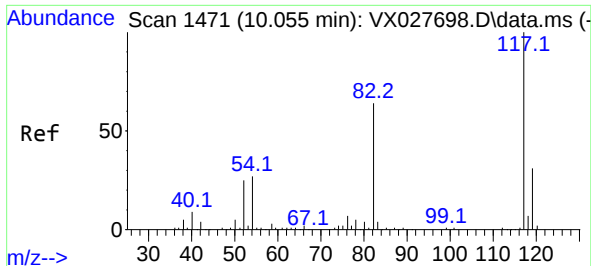
Ion Ratio Lower Upper

95 100

174 59.1 0.0 163.0

176 57.4 0.0 155.0

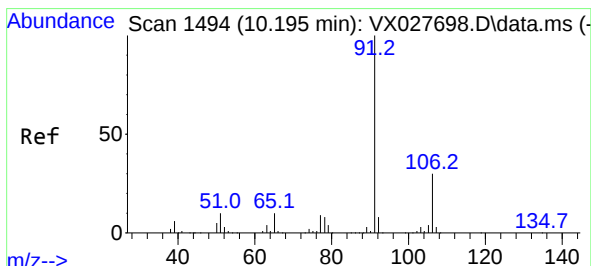
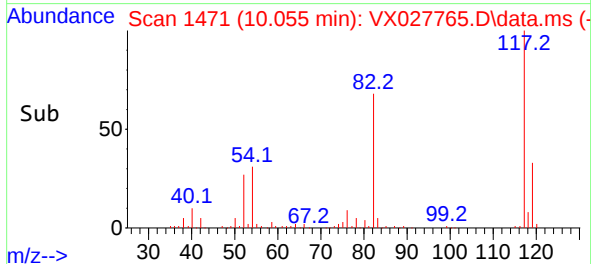
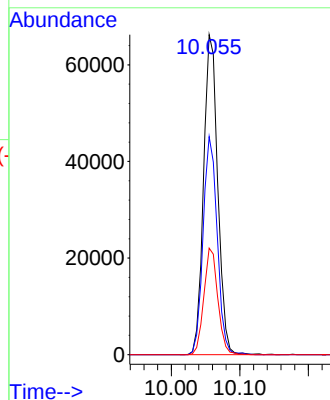
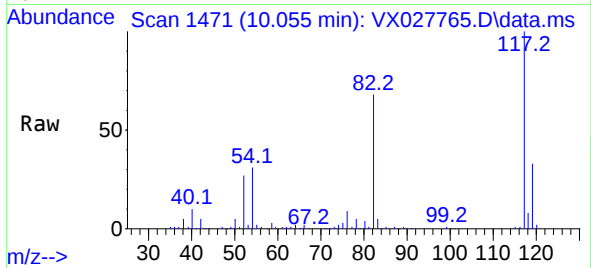




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

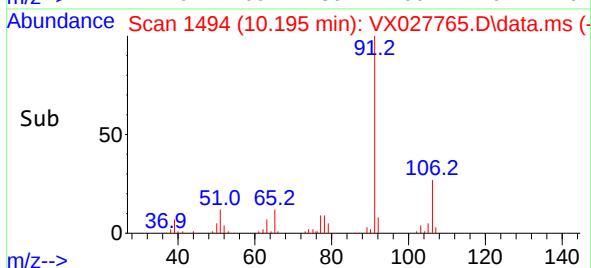
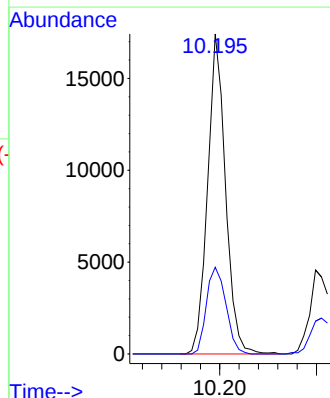
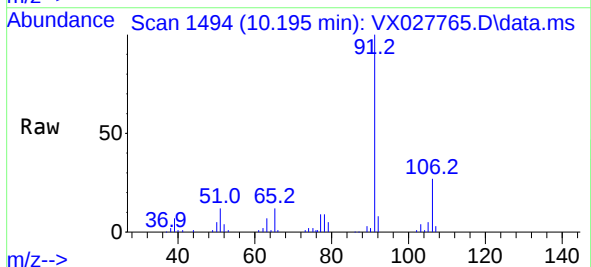
Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

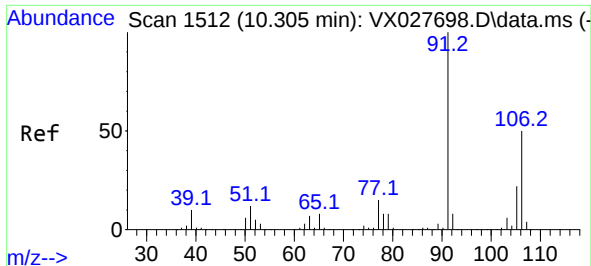
Tgt Ion:117 Resp: 95507
Ion Ratio Lower Upper
117 100
82 68.2 41.8 62.8#
119 33.3 24.8 37.2



#67
Ethyl Benzene
Concen: 5.990 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 91 Resp: 22449
Ion Ratio Lower Upper
91 100
106 27.1 24.6 36.8

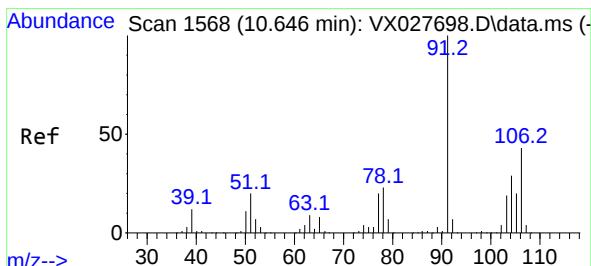
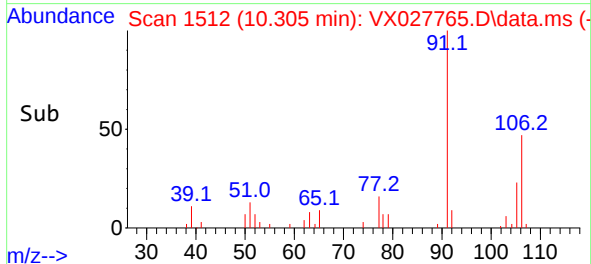
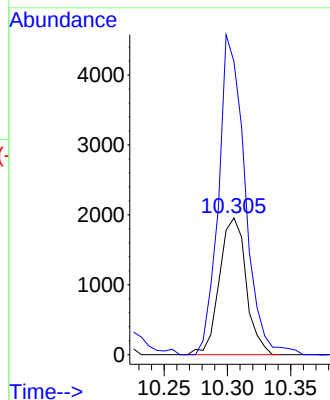
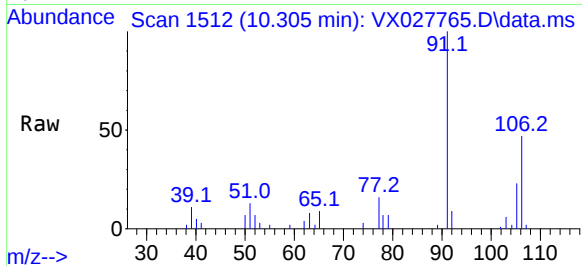




#68
m/p-Xylenes
Concen: 2.111 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

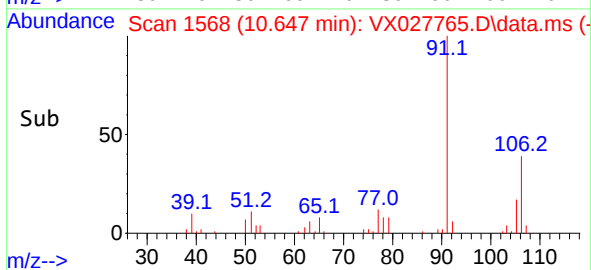
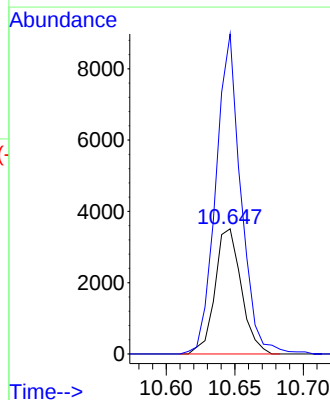
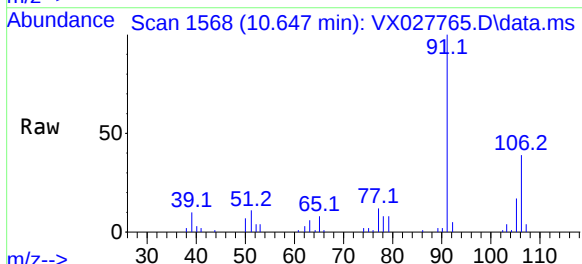
Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

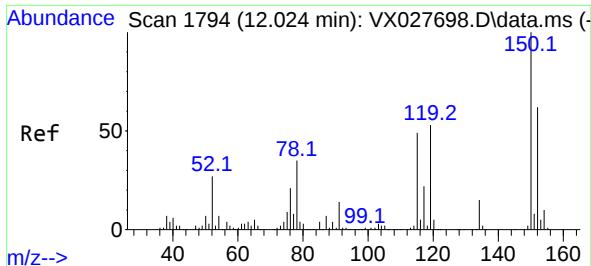
Tgt Ion:106 Resp: 2867
Ion Ratio Lower Upper
106 100
91 230.9 160.4 240.6



#69
o-Xylene
Concen: 3.427 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion:106 Resp: 4678
Ion Ratio Lower Upper
106 100
91 244.5 106.1 318.1

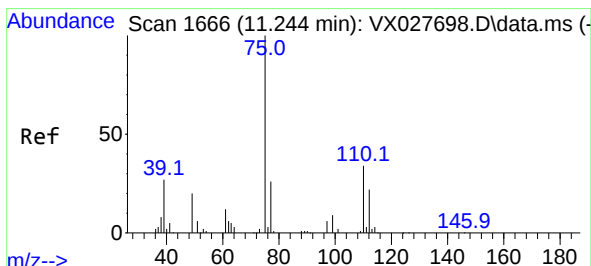
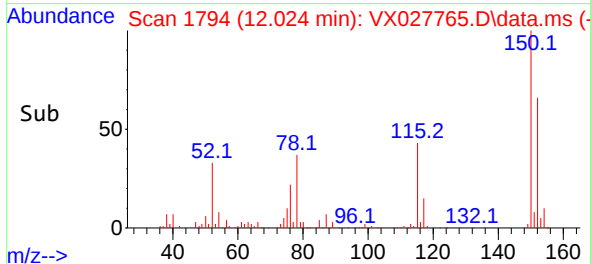
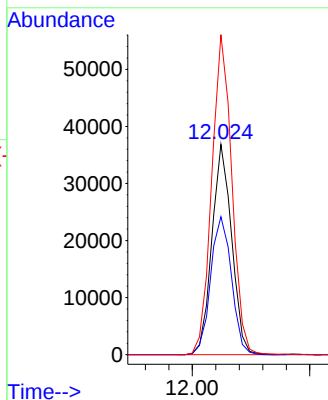
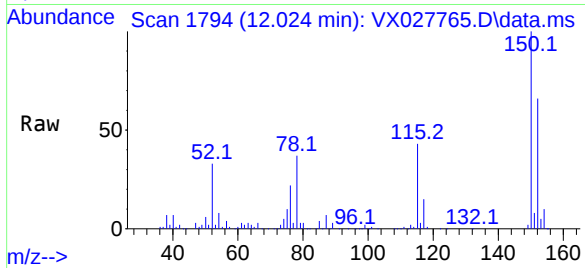




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

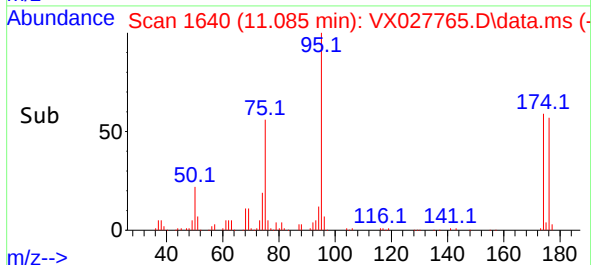
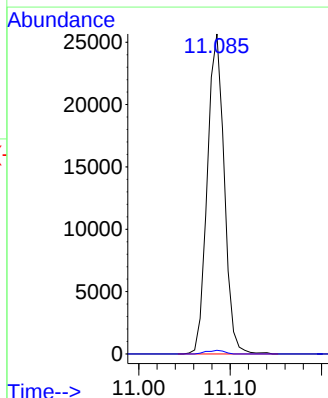
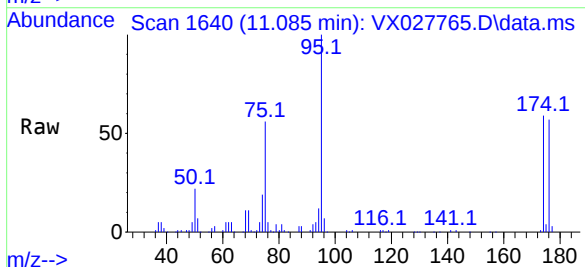
Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

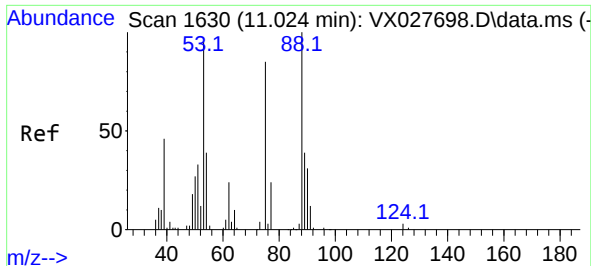
Tgt Ion:152 Resp: 43023
Ion Ratio Lower Upper
152 100
115 69.1 37.5 112.7
150 154.8 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 27.468 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Tgt Ion: 75 Resp: 32903
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#

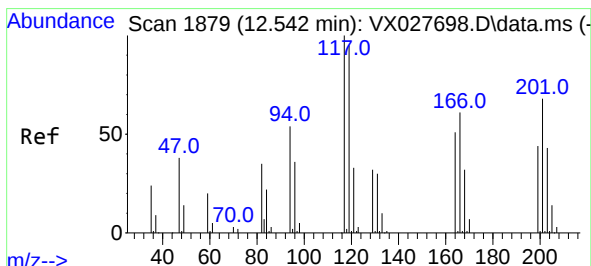
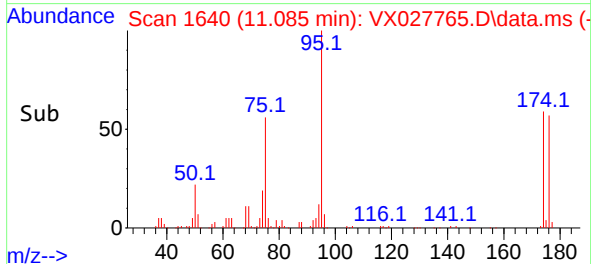
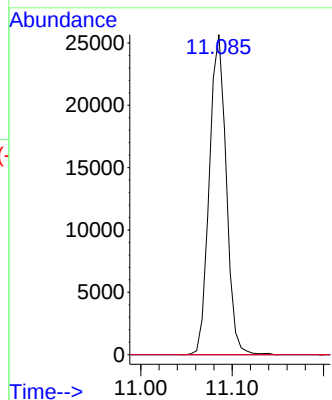
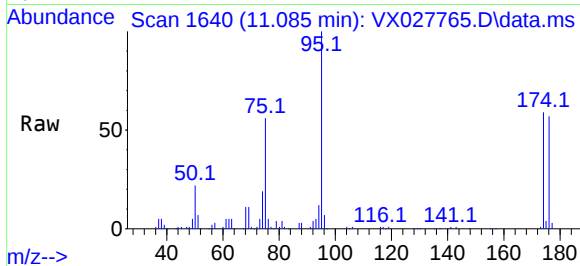




#81
trans-1,4-Dichloro-2-butene
Concen: 93.497 ug/l
RT: 11.085 min Scan# 110
Delta R.T. 0.061 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

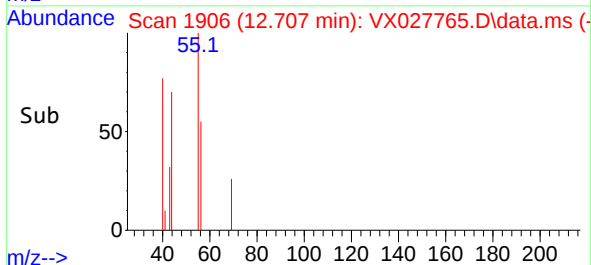
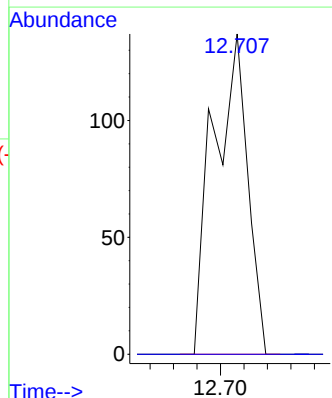
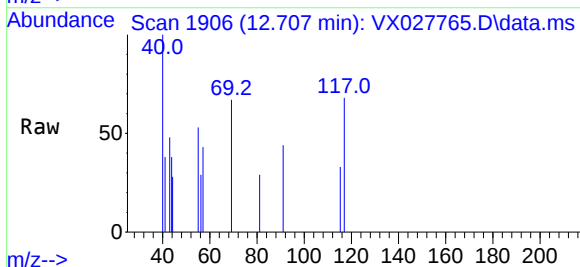
Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME

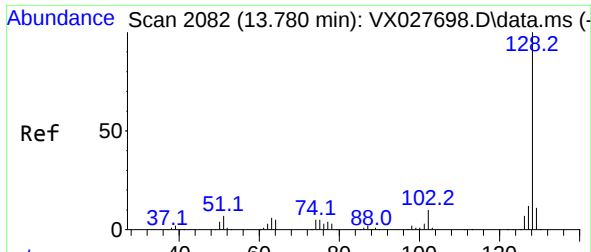
Tgt Ion: 75 Resp: 32903
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#90
Hexachloroethane
Concen: 0.303 ug/l
RT: 12.707 min Scan# 1906
Delta R.T. 0.165 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

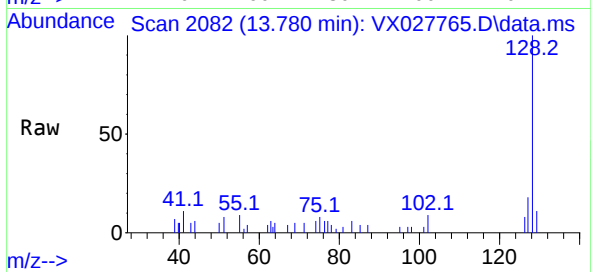
Tgt Ion: 117 Resp: 139
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#





#95
Naphthalene
Concen: 1.099 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027765.D
Acq: 28 Mar 2022 21:13

Instrument :
MSVOA_X
ClientSampleId :
SB-14-20220315-18.5-19.5ME



Tgt Ion:	128	Resp:	3367
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.1	8.7	13.1

