

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028757.D
 Acq On : 17 May 2022 14:58
 Operator : JC/MD
 Sample : N2884-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31767

Quant Time: May 18 04:50:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene		5.556	168	254677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.763	114	459633	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.055	117	484030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	216349	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.958	65	177813	50.934	ug/l	0.00
Spiked Amount 50.000		Range	61 - 141	Recovery	=	101.860%	
35) Dibromofluoromethane		5.391	113	155010	51.474	ug/l	0.00
Spiked Amount 50.000		Range	69 - 133	Recovery	=	102.940%	
50) Toluene-d8		8.653	98	604923	53.280	ug/l	0.00
Spiked Amount 50.000		Range	65 - 126	Recovery	=	106.560%	
62) 4-Bromofluorobenzene		11.079	95	217091	51.192	ug/l	0.00
Spiked Amount 50.000		Range	58 - 135	Recovery	=	102.380%	
Target Compounds							
							Qvalue
4) Vinyl Chloride		1.374	62	754	0.223	ug/l #	76
5) Bromomethane		1.624	94	821	Below Cal	#	53
6) Chloroethane		1.685	64	560	Below Cal	#	75
10) Methyl Iodide		2.465	142	1252	0.368	ug/l #	93
11) Tert butyl alcohol		2.953	59	387332	531.799	ug/l	95
13) Acrolein		2.239	56	454	0.792	ug/l #	15
14) Allyl chloride		2.636	41	5584	1.321	ug/l #	25
16) Acetone		2.379	43	77907	51.998	ug/l	90
17) Carbon Disulfide		2.520	76	3950	0.578	ug/l	100
18) Methyl Acetate		2.532	43	47959	12.780	ug/l #	46
19) Methyl tert-butyl Ether		3.117	73	3269	0.349	ug/l #	76
22) Diisopropyl ether		3.696	45	76627	8.482	ug/l #	1
23) Vinyl Acetate		3.702	43	6489	0.833	ug/l #	66
25) 2-Butanone		4.562	43	36754	15.628	ug/l	93
27) cis-1,2-Dichloroethene		4.495	96	3057	0.882	ug/l	87
29) Tetrahydrofuran		5.013	42	3793	2.481	ug/l #	64
31) Cyclohexane		5.476	56	4272	0.882	ug/l	86
36) 1,1-Dichloropropene		5.556	75	21172	4.681	ug/l #	46
37) Ethyl Acetate		4.562	43	36754	7.780	ug/l #	65
38) Carbon Tetrachloride		5.550	117	27254	5.987	ug/l #	14
39) Methylcyclohexane		7.379	83	4272	0.824	ug/l	94
40) Benzene		6.043	78	1235903	95.074	ug/l	99
41) Methacrylonitrile		4.995	41	11071	4.371	ug/l #	43
42) 1,2-Dichloroethane		6.043	62	13118	2.736	ug/l #	73
43) Isopropyl Acetate		6.336	43	21328	2.886	ug/l #	73
48) Methyl methacrylate		7.690	41	32722	9.165	ug/l #	28
49) 1,4-Dioxane		7.671	88	199	2.231	ug/l #	1
51) 4-Methyl-2-Pentanone		8.573	43	79446	16.319	ug/l	93
52) Toluene		8.720	92	1313763	157.107	ug/l	97
53) t-1,3-Dichloropropene		9.073	75	8117	3.157	ug/l #	81
54) cis-1,3-Dichloropropene		8.330	75	3089	0.610	ug/l #	1
55) 1,1,2-Trichloroethane		9.098	97	1979	0.580	ug/l #	22
58) 2-Chloroethyl Vinyl ether		8.336	63	3987	1.577	ug/l	94
59) 2-Hexanone		9.439	43	5568	1.472	ug/l	95
67) Ethyl Benzene		10.195	91	1230871	66.877	ug/l	99
68) m/p-Xylenes		10.299	106	586842	81.897	ug/l	97

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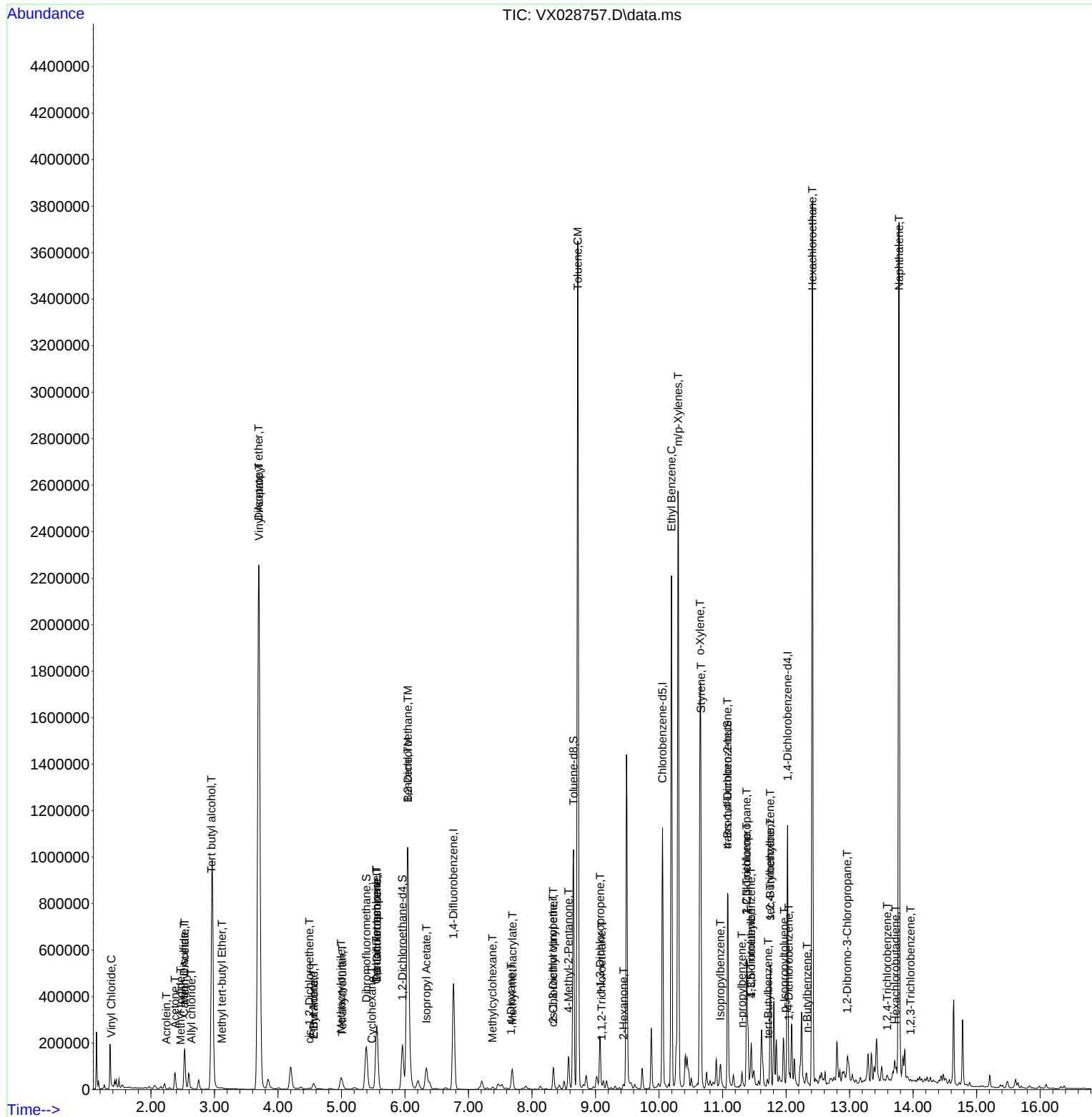
69) o-Xylene	10.646	106	256168	36.311	ug/l	100
70) Styrene	10.658	104	482910	42.151	ug/l	98
73) Isopropylbenzene	10.963	105	38543	2.349	ug/l	99
76) 1,2,3-Trichloropropane	11.378	75	4205	0.830	ug/l #	1
78) n-propylbenzene	11.305	91	31754	1.673	ug/l	100
79) 2-Chlorotoluene	11.378	91	46067	3.960	ug/l #	48
80) 1,3,5-Trimethylbenzene	11.451	105	76972	5.630	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	115884	66.821	ug/l #	15
82) 4-Chlorotoluene	11.451	91	9240	0.687	ug/l #	50
83) tert-Butylbenzene	11.719	119	3133	0.237	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	220330	16.072	ug/l	97
85) sec-Butylbenzene	11.750	105	220330	13.495	ug/l #	56
86) p-Isopropyltoluene	11.969	119	16797	1.226	ug/l	85
88) 1,4-Dichlorobenzene	12.042	146	4074	0.516	ug/l #	65
89) n-Butylbenzene	12.329	91	8182	0.689	ug/l #	32
90) Hexachloroethane	12.414	117	128736	58.105	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	1927	1.603	ug/l #	2
93) 1,2,4-Trichlorobenzene	13.591	180	1312	0.304	ug/l #	86
94) Hexachlorobutadiene	13.725	225	624	0.356	ug/l	98
95) Naphthalene	13.780	128	2315529	150.616	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1385	0.319	ug/l #	79

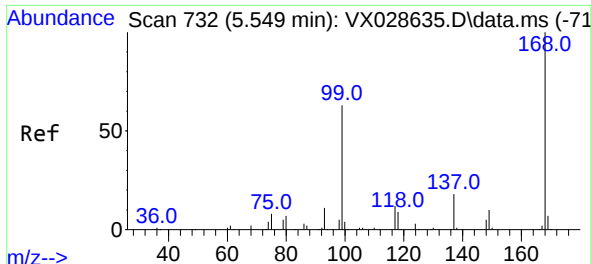
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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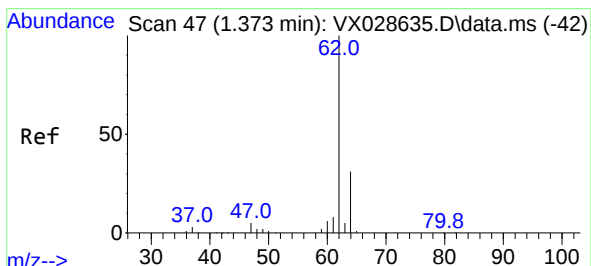
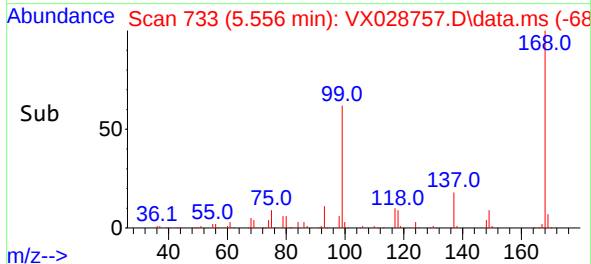
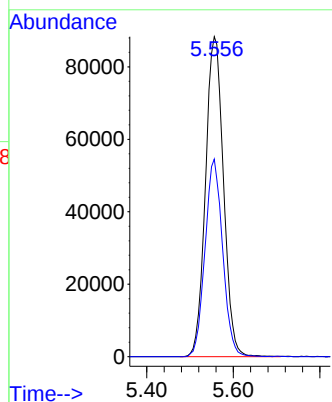
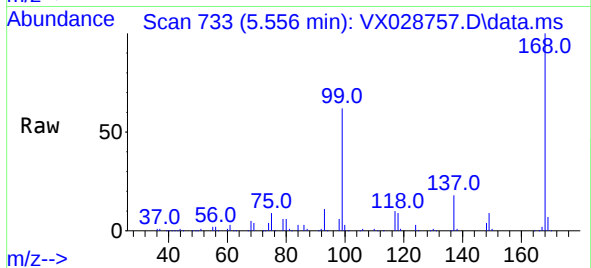




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028757.D
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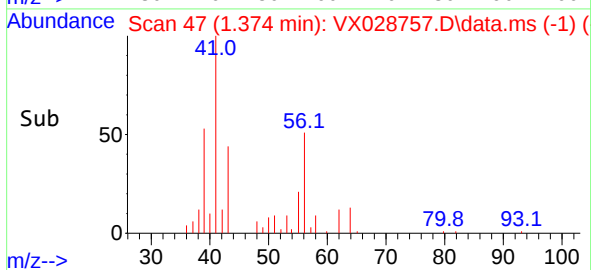
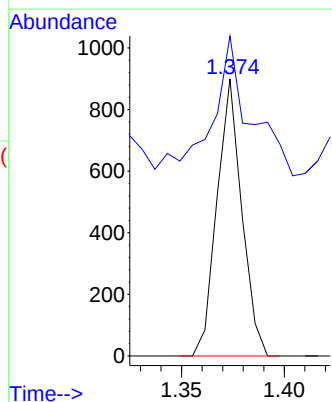
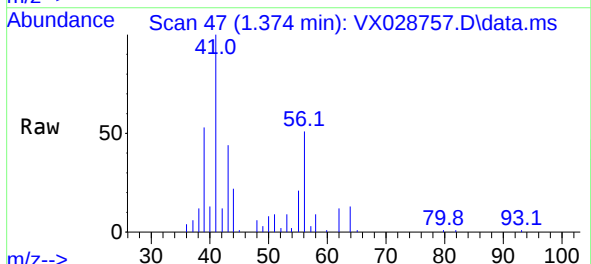
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MSVOA_X
ClientSampleId :
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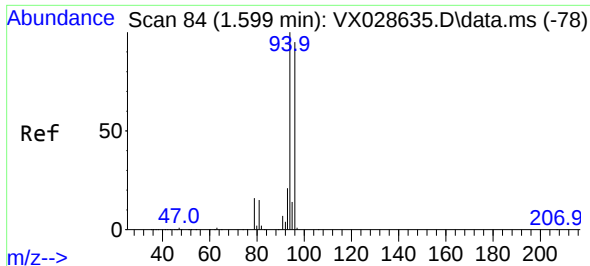
Tgt Ion:168 Resp: 254677
Ion Ratio Lower Upper
168 100
99 61.8 41.7 62.5



#4
Vinyl Chloride
Concen: 0.223 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 62 Resp: 754
Ion Ratio Lower Upper
62 100
64 45.1 25.5 38.3#

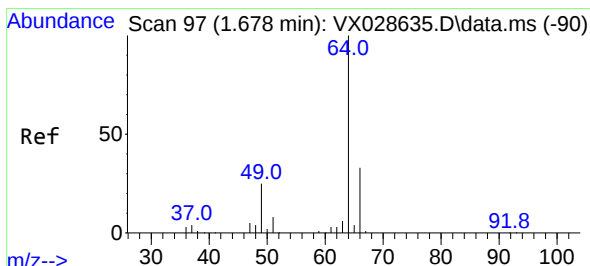
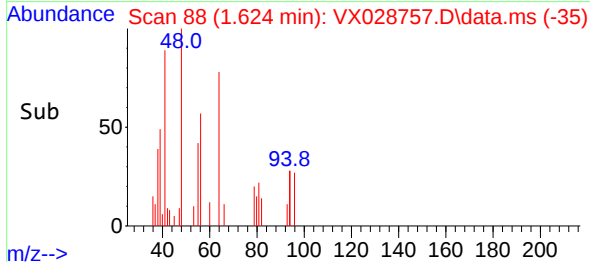
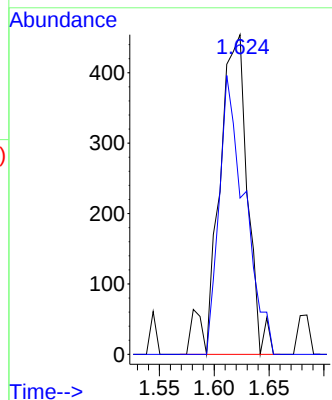
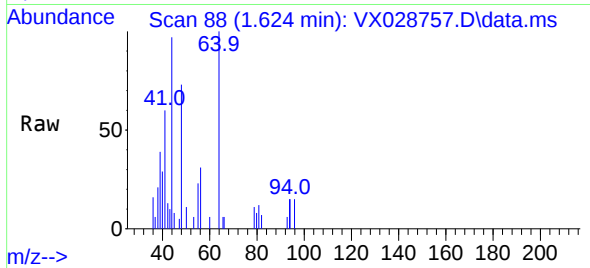




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 81
Delta R.T. 0.025 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

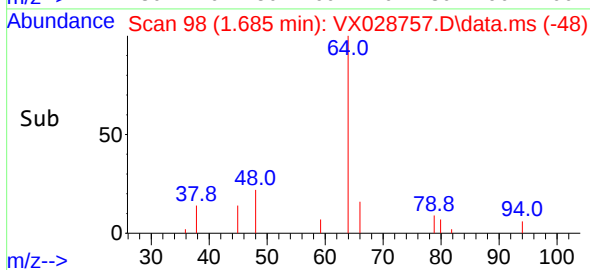
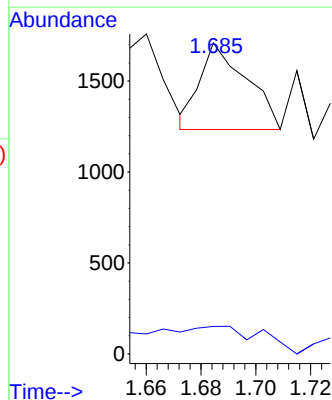
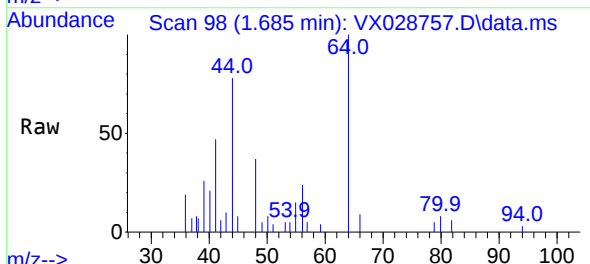
Instrument :
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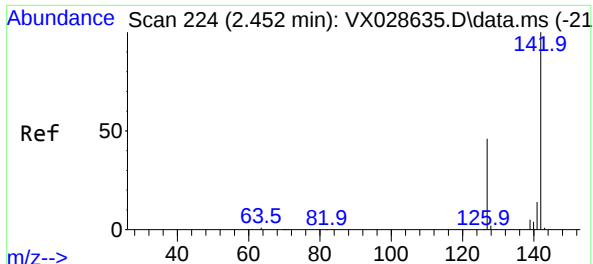
Tgt Ion: 94 Resp: 821
Ion Ratio Lower Upper
94 100
96 48.9 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 64 Resp: 560
Ion Ratio Lower Upper
64 100
66 17.9 25.3 37.9#

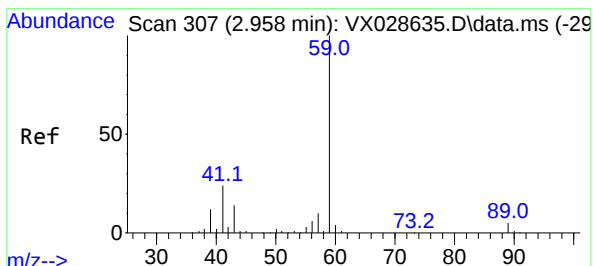
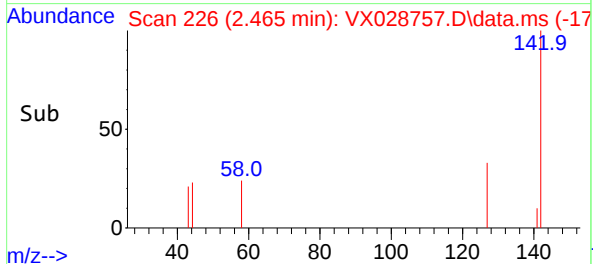
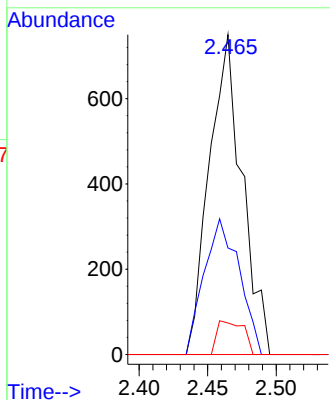
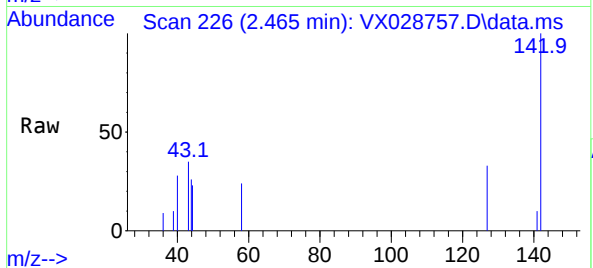




#10
Methyl Iodide
Concen: 0.368 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

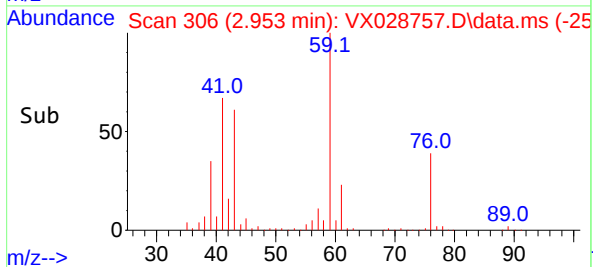
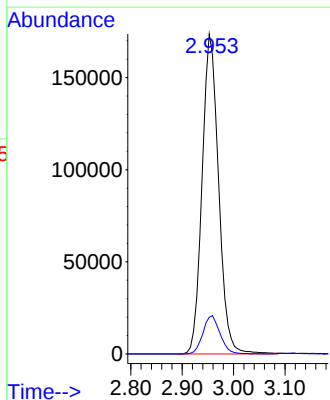
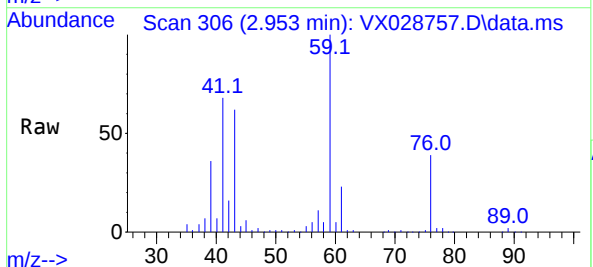
Instrument :
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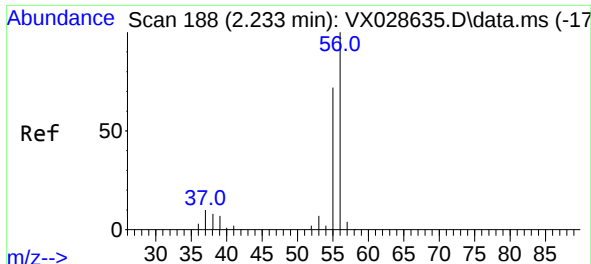
Tgt Ion:142 Resp: 1252
Ion Ratio Lower Upper
142 100
127 45.4 33.9 50.9
141 8.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 531.799 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 59 Resp: 387332
Ion Ratio Lower Upper
59 100
57 12.4 8.3 12.5





#13

Acrolein

Concen: 0.792 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

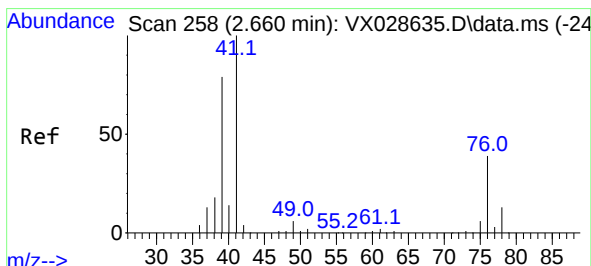
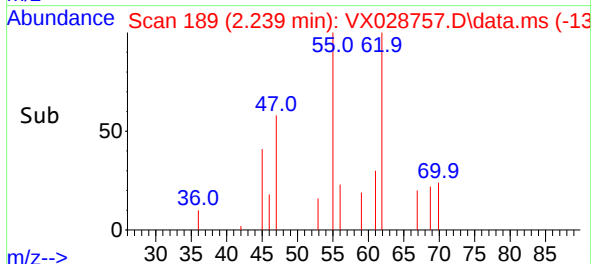
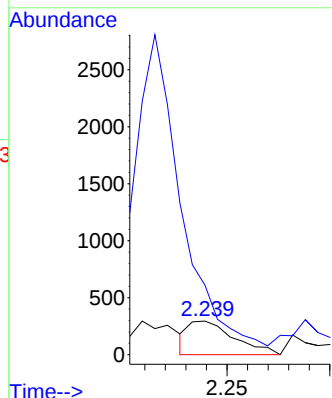
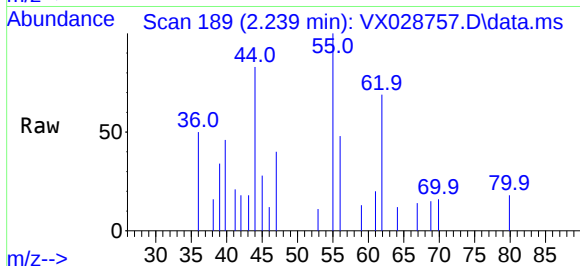
31767

Tgt Ion: 56 Resp: 454

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#



#14

Allyl chloride

Concen: 1.321 ug/l

RT: 2.636 min Scan# 254

Delta R.T. -0.024 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

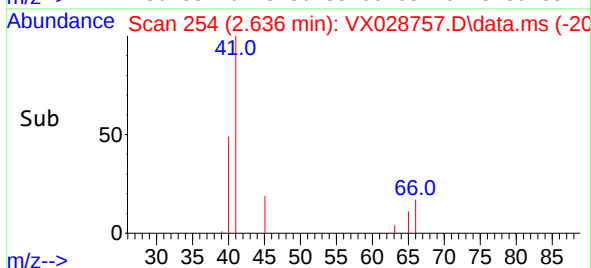
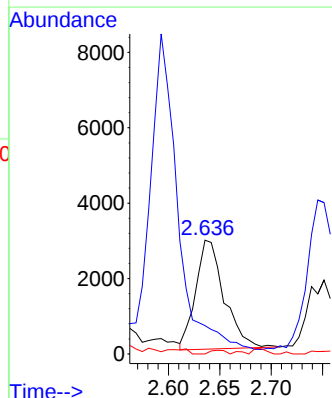
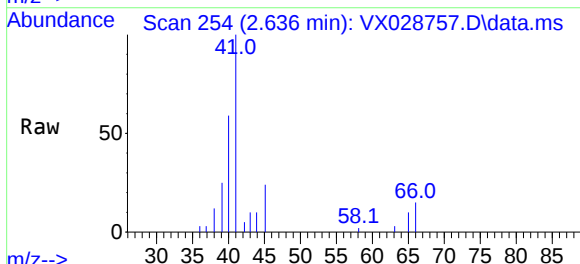
Tgt Ion: 41 Resp: 5584

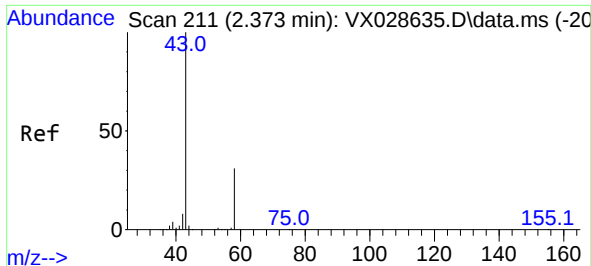
Ion Ratio Lower Upper

41 100

39 0.0 50.4 75.6#

76 0.0 32.7 49.1#

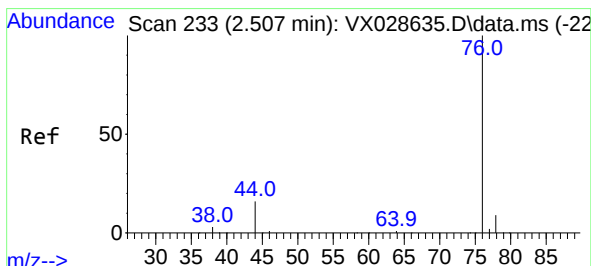
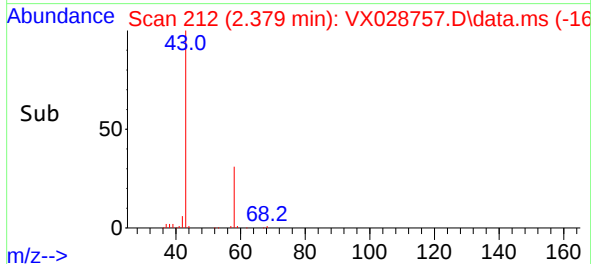
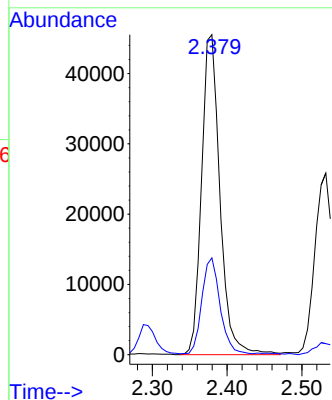
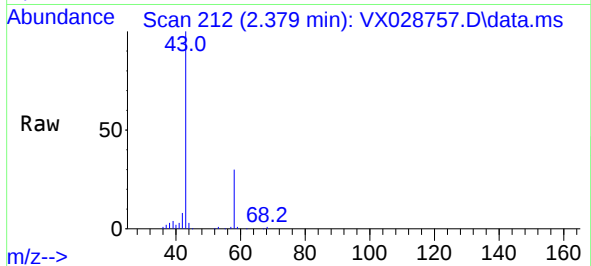




#16
Acetone
Concen: 51.998 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
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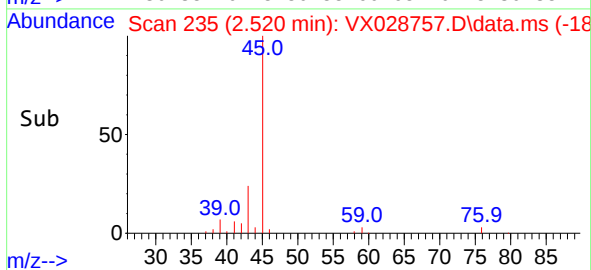
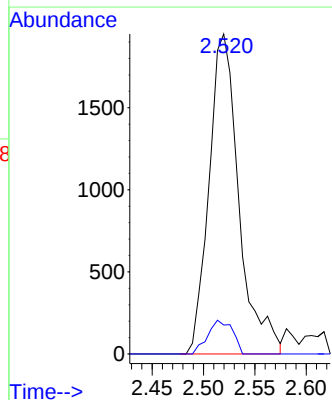
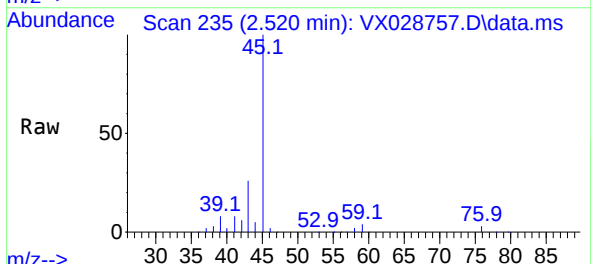
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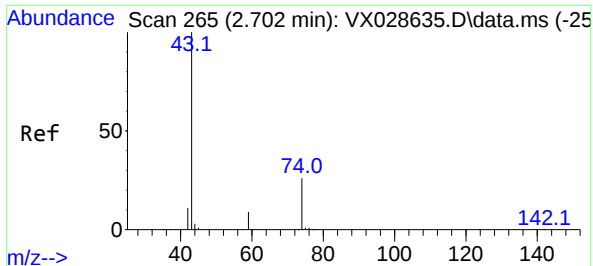
Tgt Ion: 43 Resp: 77907
Ion Ratio Lower Upper
43 100
58 30.0 28.8 43.2



#17
Carbon Disulfide
Concen: 0.578 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.013 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 76 Resp: 3950
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8





#18

Methyl Acetate

Concen: 12.780 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.170 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

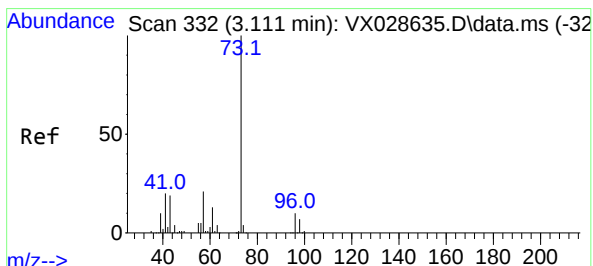
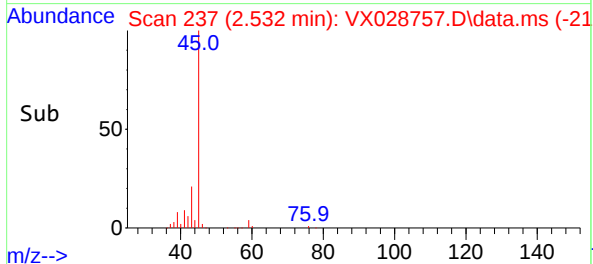
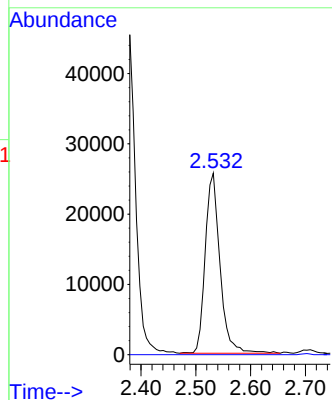
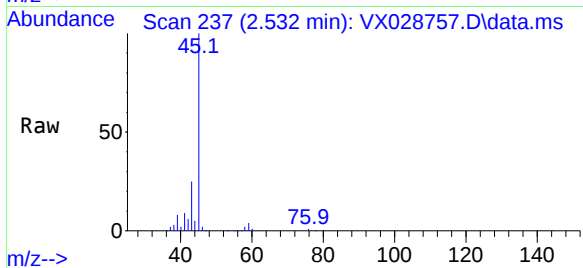
31767

Tgt Ion: 43 Resp: 47959

Ion Ratio Lower Upper

43 100

74 0.0 22.8 34.2#



#19

Methyl tert-butyl Ether

Concen: 0.349 ug/l

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX028757.D

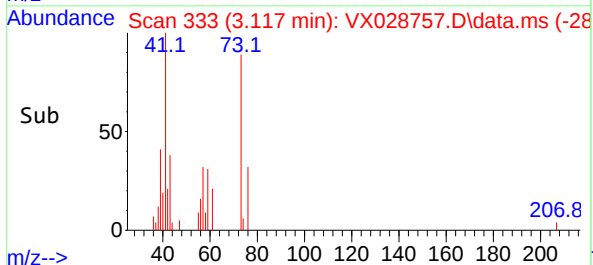
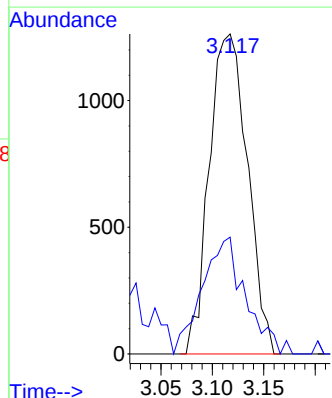
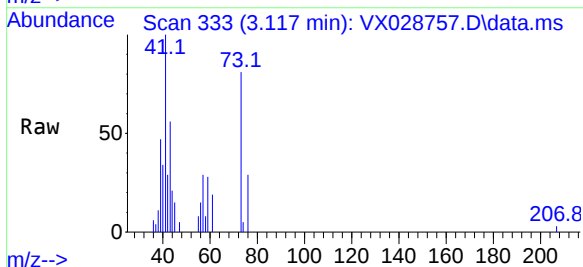
Acq: 17 May 2022 14:58

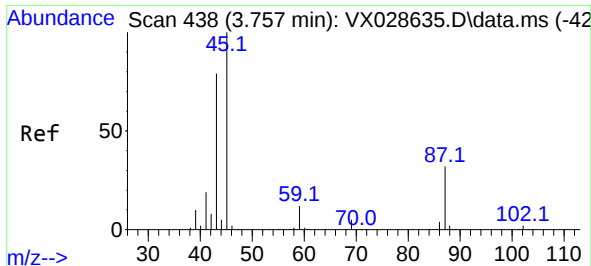
Tgt Ion: 73 Resp: 3269

Ion Ratio Lower Upper

73 100

57 32.5 16.8 25.2#





#22

Diisopropyl ether

Concen: 8.482 ug/l

RT: 3.696 min Scan# 41

Delta R.T. -0.061 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

31767

Tgt Ion: 45 Resp: 76627

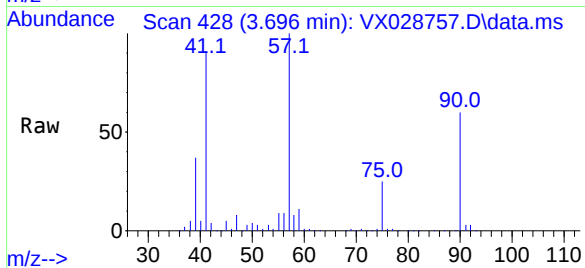
Ion Ratio Lower Upper

45 100

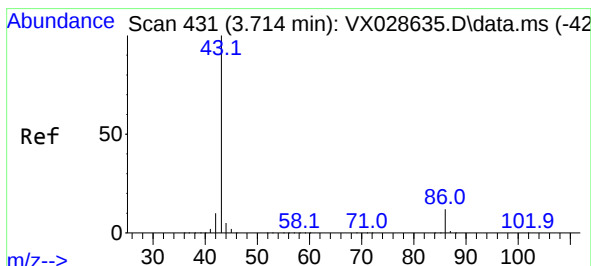
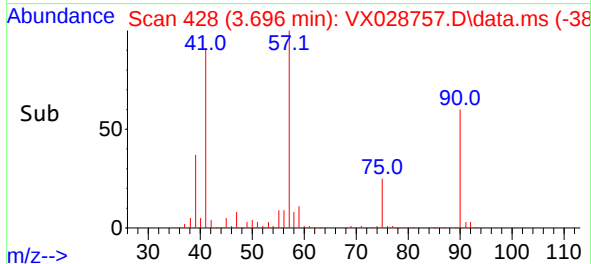
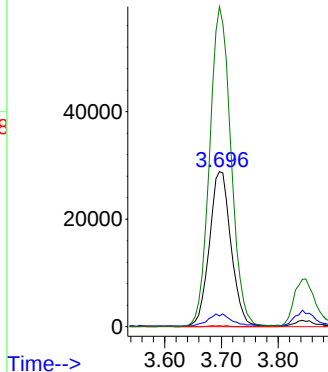
43 6.5 50.8 76.2#

87 0.7 26.6 39.8#

59 206.3 10.5 15.7#



Abundance



#23

Vinyl Acetate

Concen: 0.833 ug/l

RT: 3.702 min Scan# 429

Delta R.T. -0.012 min

Lab File: VX028757.D

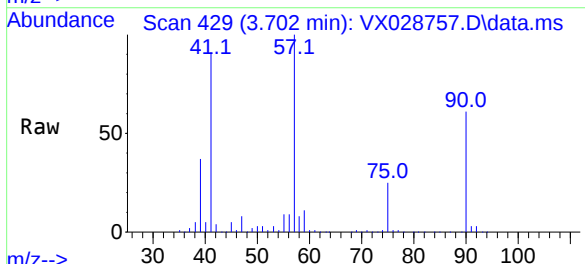
Acq: 17 May 2022 14:58

Tgt Ion: 43 Resp: 6489

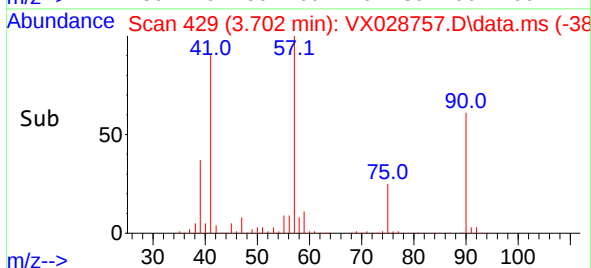
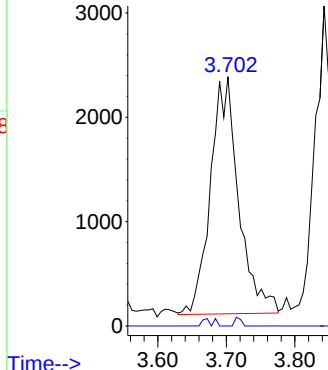
Ion Ratio Lower Upper

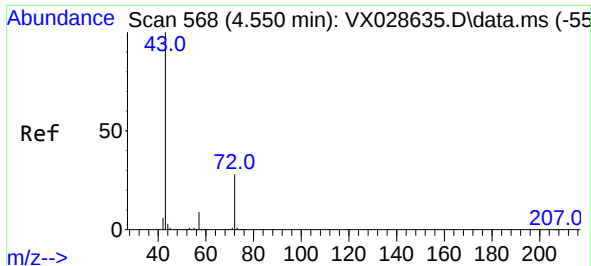
43 100

86 0.0 10.8 16.2#



Abundance

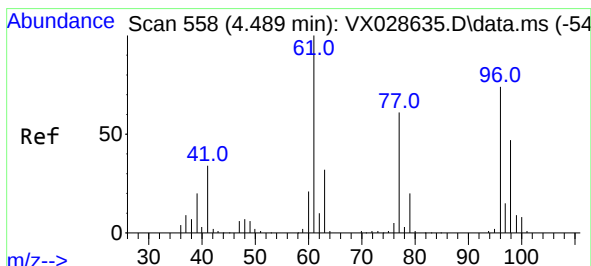
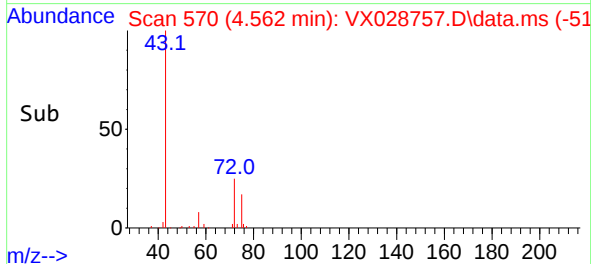
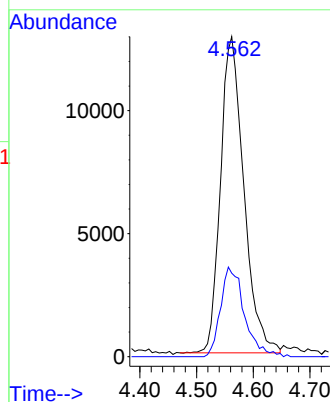
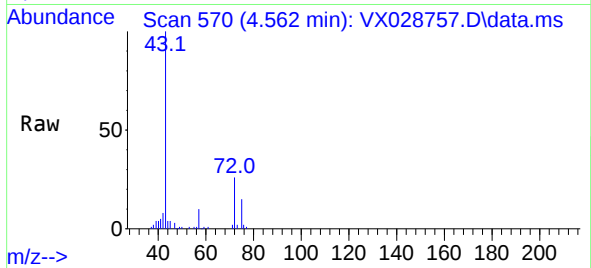




#25
2-Butanone
Concen: 15.628 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

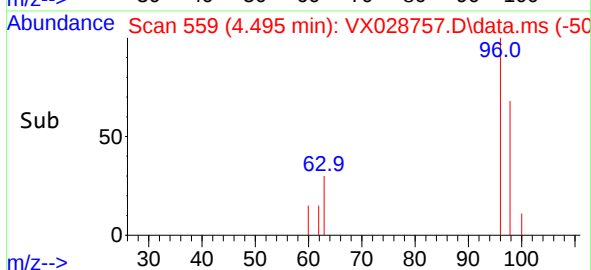
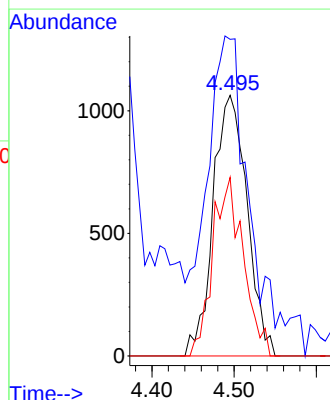
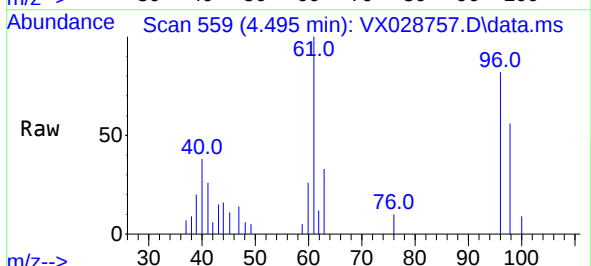
Instrument :
MSVOA_X
ClientSampleId :
31767

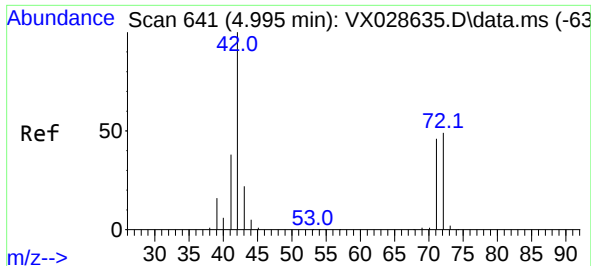
Tgt Ion: 43 Resp: 36754
Ion Ratio Lower Upper
43 100
72 26.4 24.4 36.6



#27
cis-1,2-Dichloroethene
Concen: 0.882 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 96 Resp: 3057
Ion Ratio Lower Upper
96 100
61 120.5 0.0 283.8
98 61.6 0.0 129.8





#29

Tetrahydrofuran

Concen: 2.481 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.018 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

31767

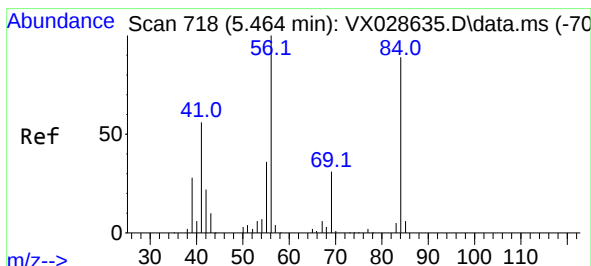
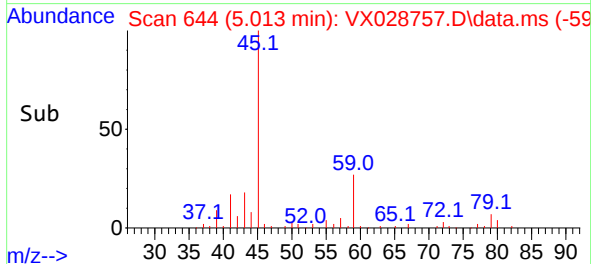
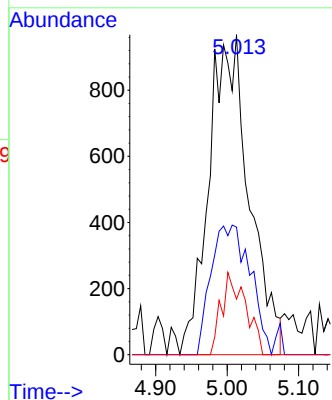
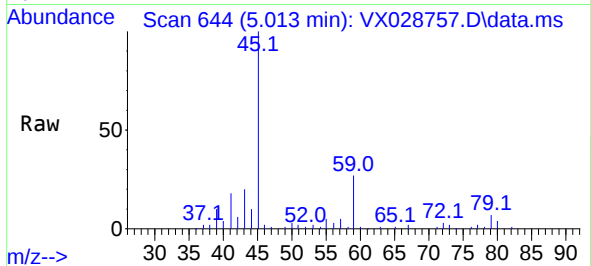
Tgt Ion: 42 Resp: 3793

Ion Ratio Lower Upper

42 100

72 39.4 44.1 66.1#

71 15.4 40.5 60.7#



#31

Cyclohexane

Concen: 0.882 ug/l

RT: 5.476 min Scan# 720

Delta R.T. 0.012 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

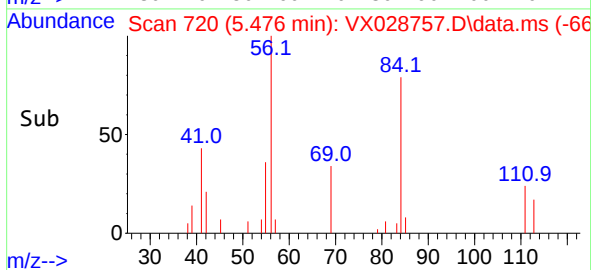
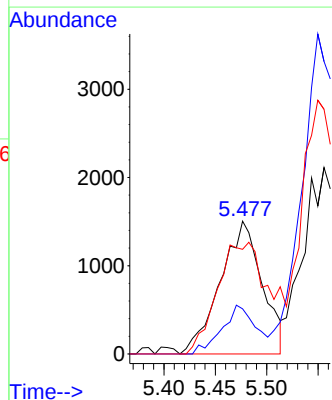
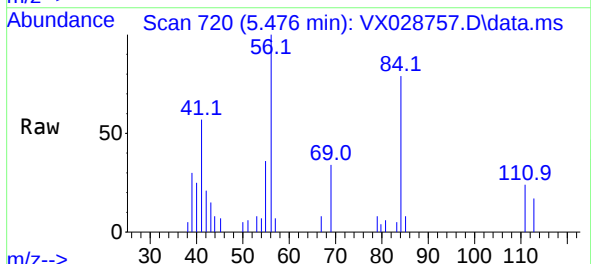
Tgt Ion: 56 Resp: 4272

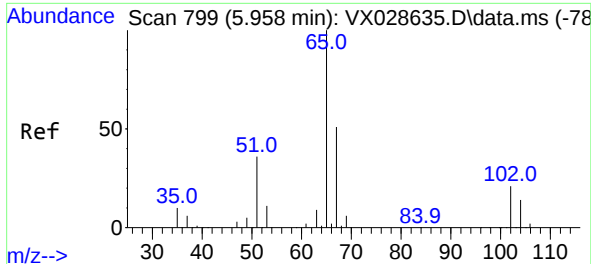
Ion Ratio Lower Upper

56 100

69 33.9 26.7 40.1

84 78.8 77.2 115.8

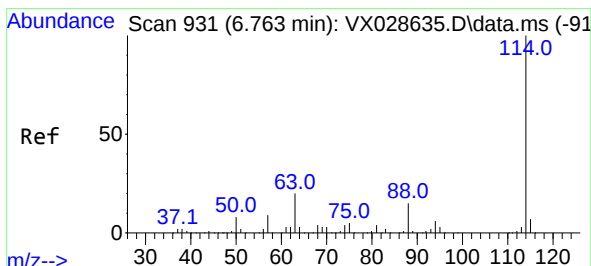
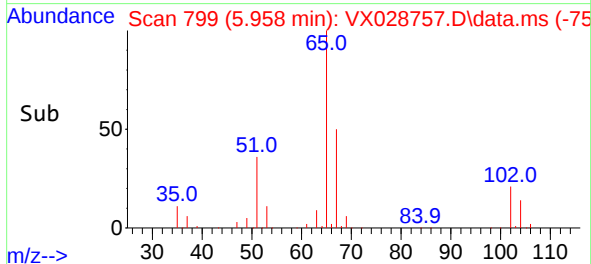
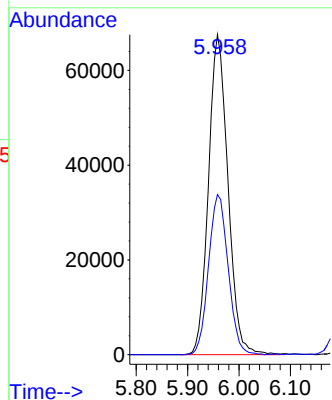
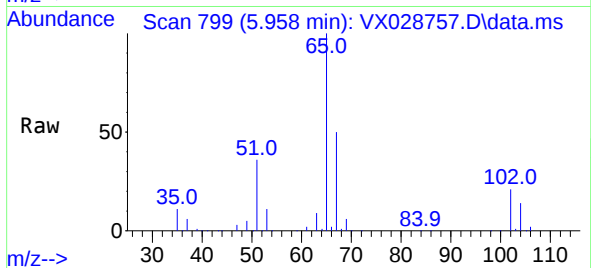




#33
1,2-Dichloroethane-d4
Concen: 50.934 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

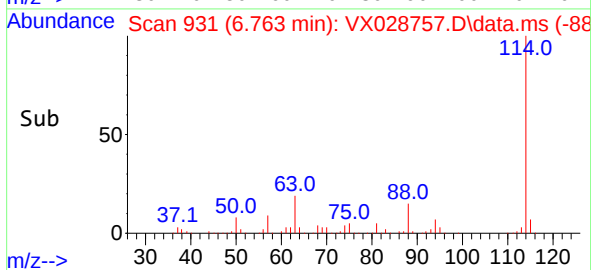
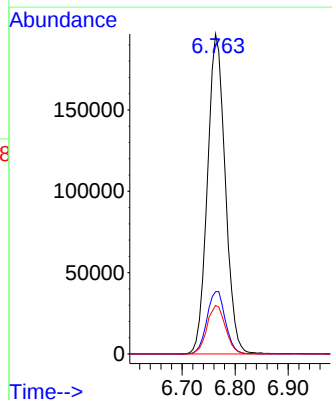
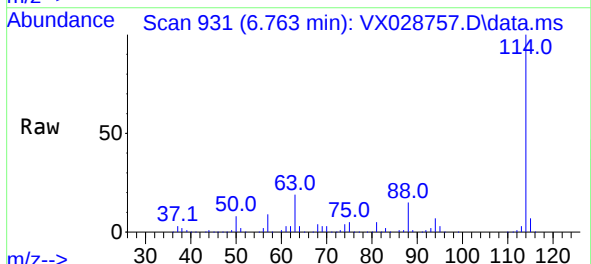
Instrument :
MSVOA_X
ClientSampleId :
31767

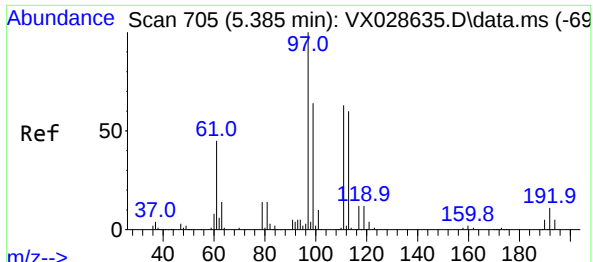
Tgt Ion: 65 Resp: 177813
Ion Ratio Lower Upper
65 100
67 50.4 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion:114 Resp: 459633
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.8
88 15.1 0.0 32.4

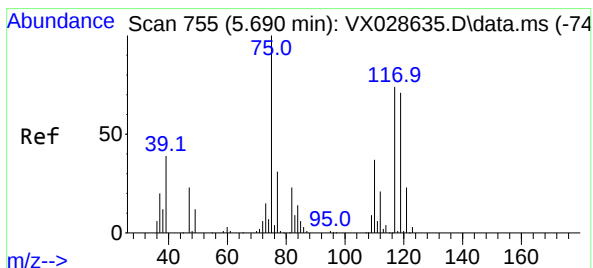
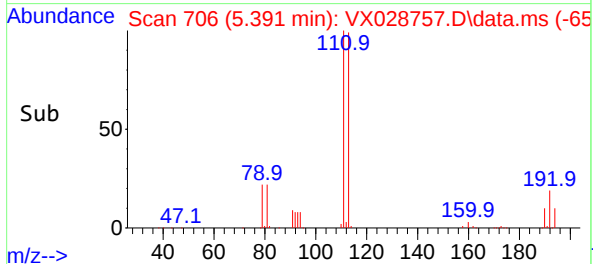
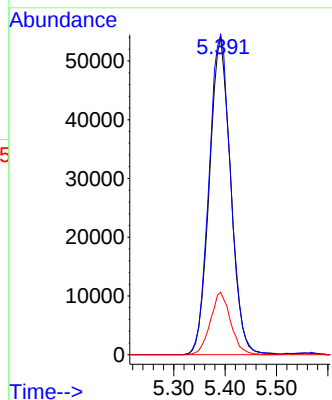
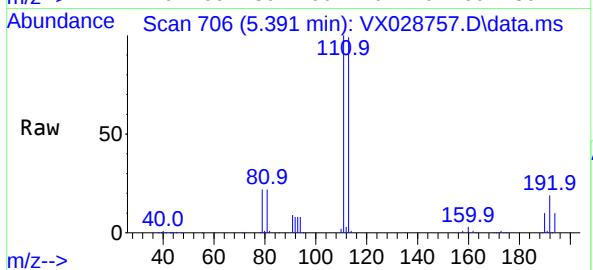




#35
Dibromofluoromethane
Concen: 51.474 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

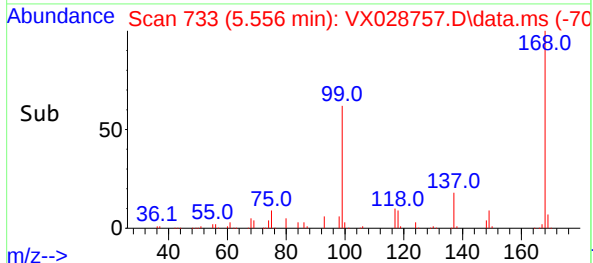
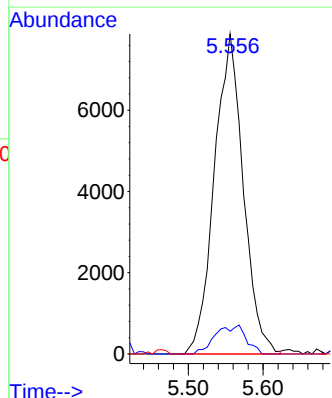
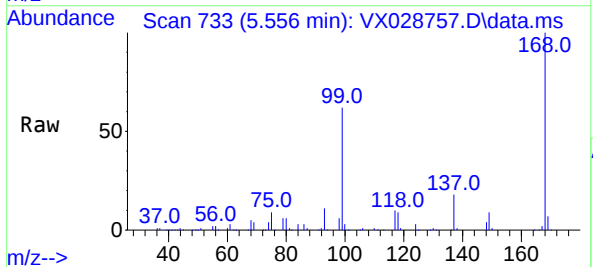
Instrument :
MSVOA_X
ClientSampleId :
31767

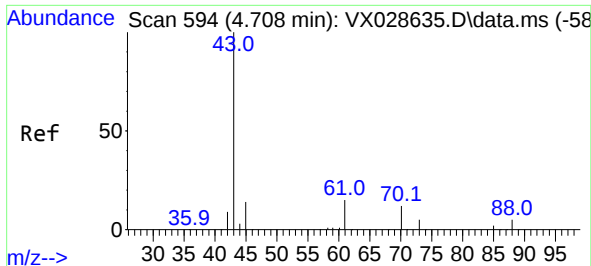
Tgt Ion:113 Resp: 155010
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.681 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 75 Resp: 21172
Ion Ratio Lower Upper
75 100
110 5.3 18.3 54.8#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 7.780 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.146 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

31767

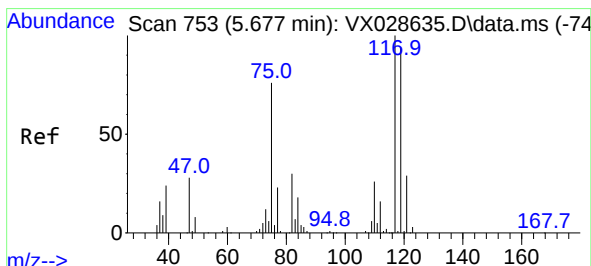
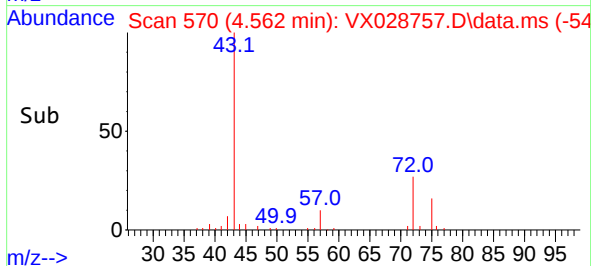
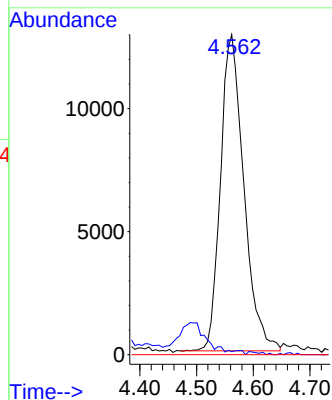
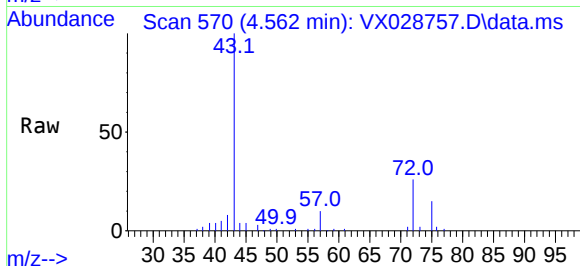
Tgt Ion: 43 Resp: 36754

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.987 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.127 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

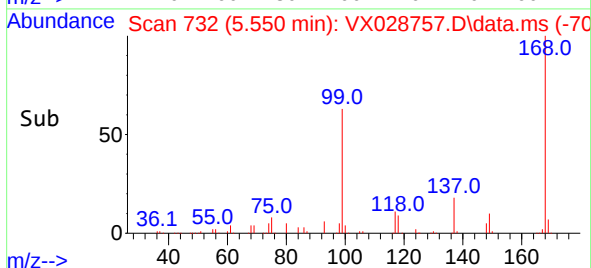
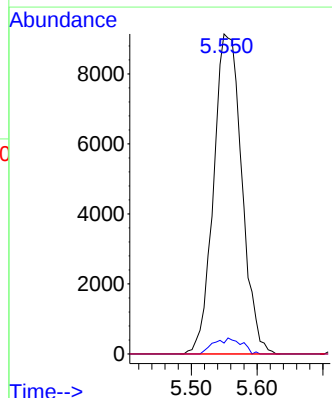
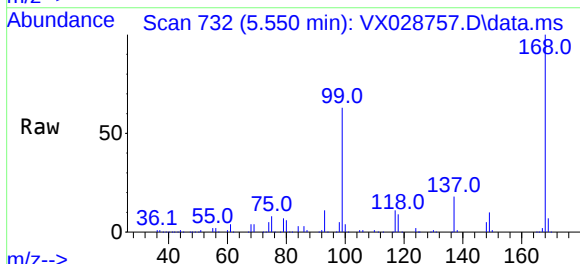
Tgt Ion: 117 Resp: 27254

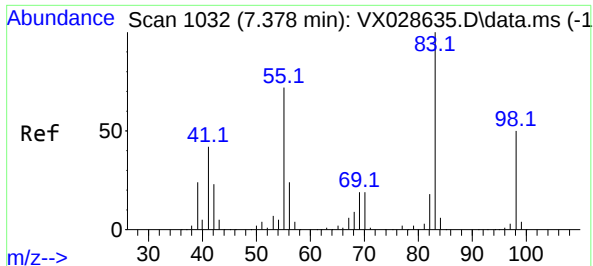
Ion Ratio Lower Upper

117 100

119 3.4 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.824 ug/l

RT: 7.379 min Scan# 10

Delta R.T. 0.001 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

31767

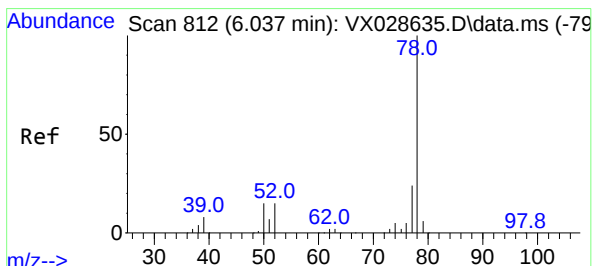
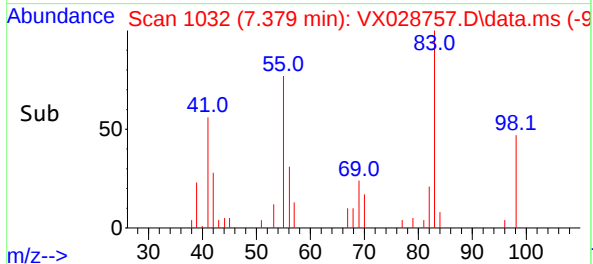
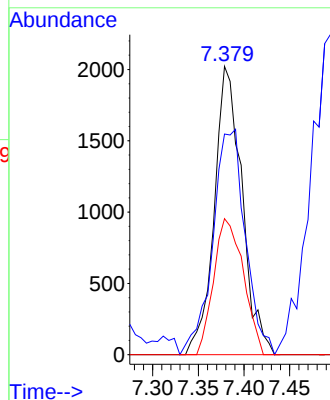
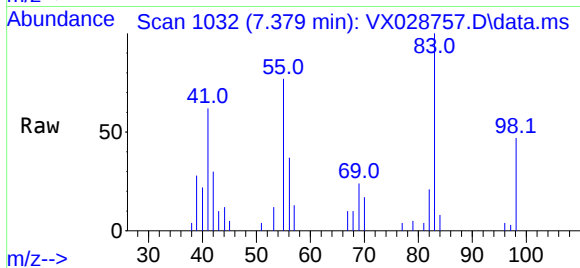
Tgt Ion: 83 Resp: 4272

Ion Ratio Lower Upper

83 100

55 76.5 54.6 81.8

98 47.2 37.4 56.2



#40

Benzene

Concen: 95.074 ug/l

RT: 6.043 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX028757.D

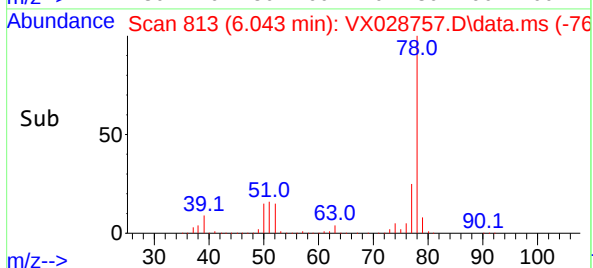
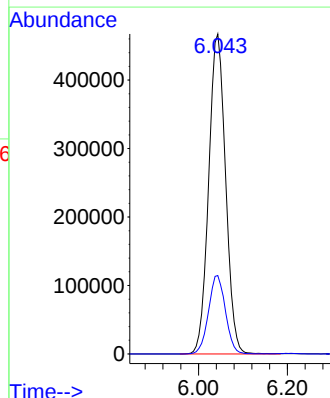
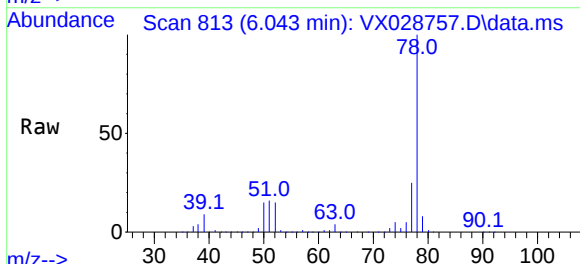
Acq: 17 May 2022 14:58

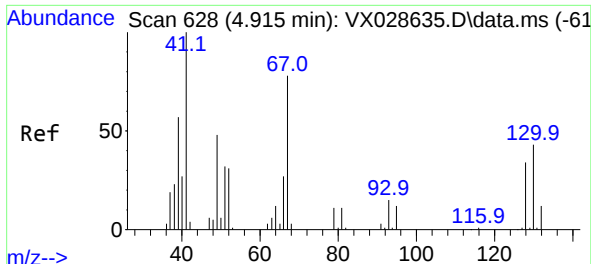
Tgt Ion: 78 Resp: 1235903

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9

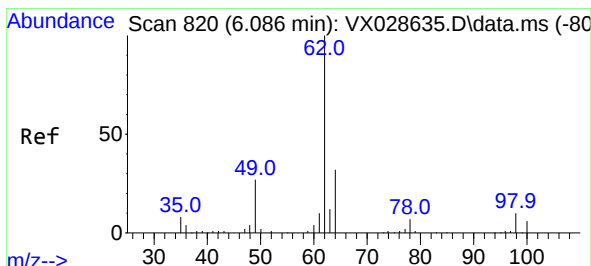
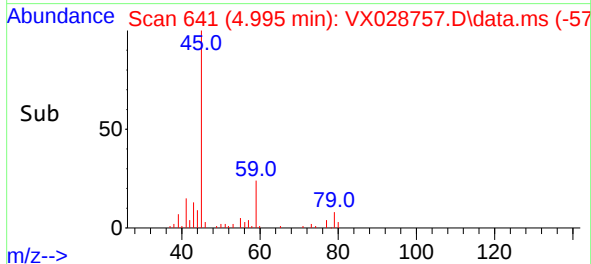
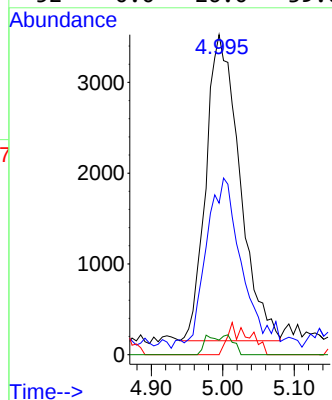
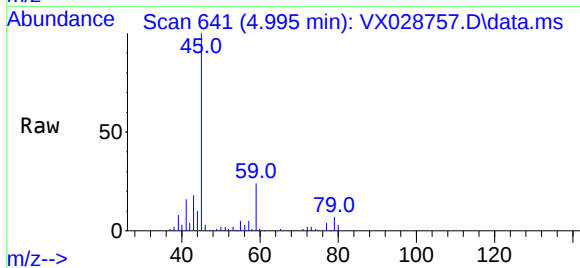




#41
Methacrylonitrile
Concen: 4.371 ug/l
RT: 4.995 min Scan# 641
Delta R.T. 0.080 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

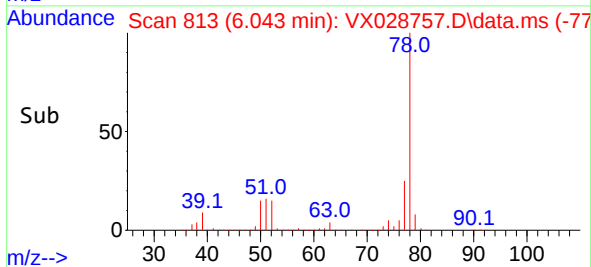
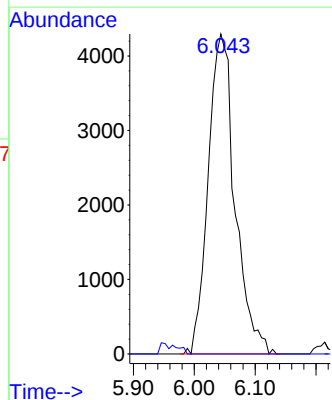
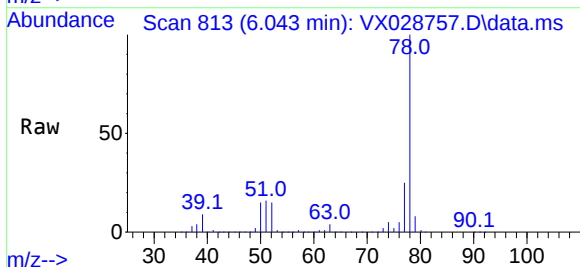
Instrument :
MSVOA_X
ClientSampleId :
31767

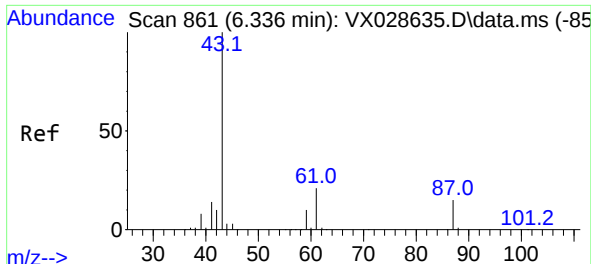
Tgt Ion:	41	Resp:	11071
Ion	Ratio	Lower	Upper
41	100		
39	59.6	43.0	64.4
67	6.6	70.2	105.4#
52	0.0	26.0	39.0#



#42
1,2-Dichloroethane
Concen: 2.736 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.043 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion:	62	Resp:	13118
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	20.4





#43

Isopropyl Acetate

Concen: 2.886 ug/l

RT: 6.336 min Scan# 861

Delta R.T. 0.000 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

31767

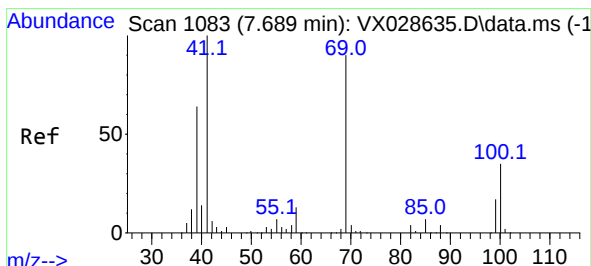
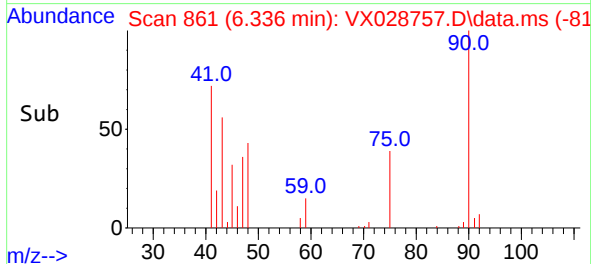
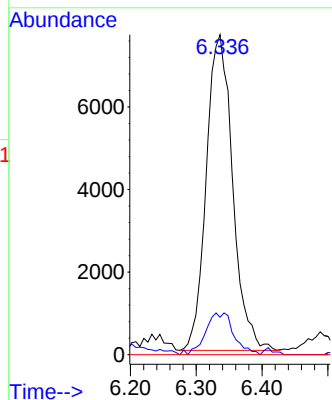
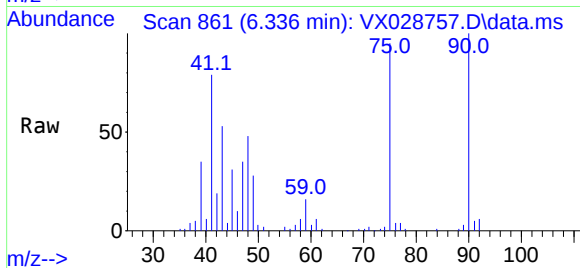
Tgt Ion: 43 Resp: 21328

Ion Ratio Lower Upper

43 100

61 14.1 18.5 27.7#

87 0.0 13.0 19.6#



#48

Methyl methacrylate

Concen: 9.165 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. 0.001 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

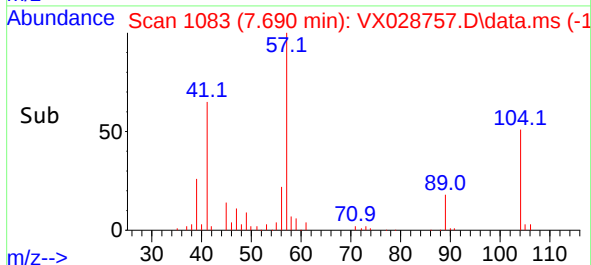
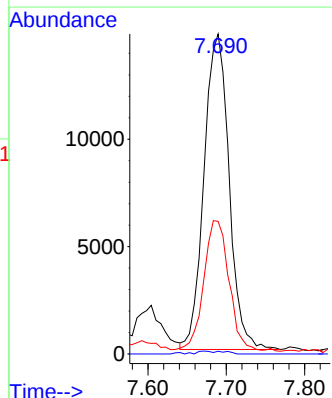
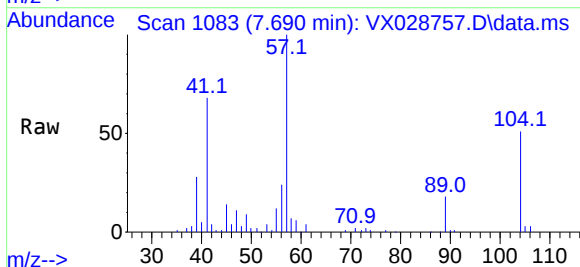
Tgt Ion: 41 Resp: 32722

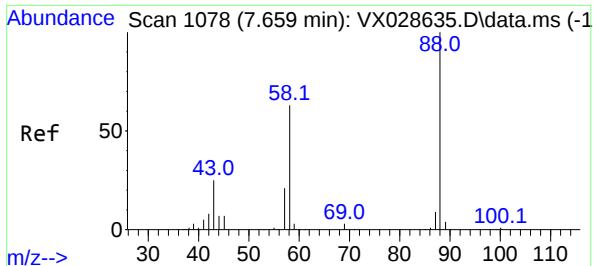
Ion Ratio Lower Upper

41 100

69 0.6 82.5 123.7#

39 41.0 43.8 65.8#





#49

1,4-Dioxane

Concen: 2.231 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

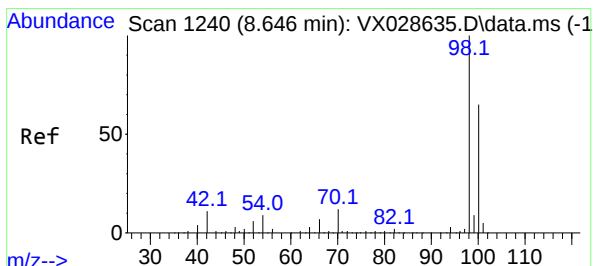
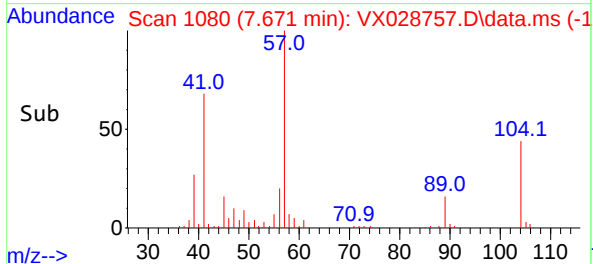
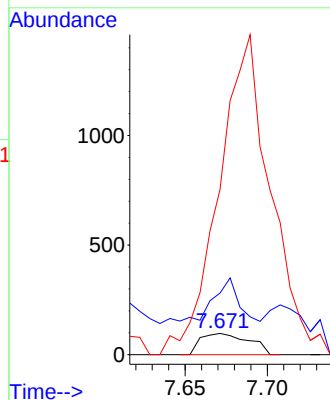
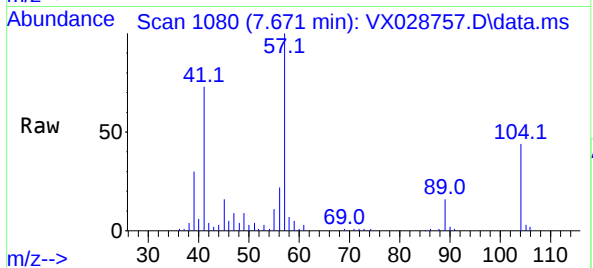
MSVOA_X

ClientSampleId :

31767

Tgt Ion: 88 Resp: 199

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.9	32.9#
58	1606.5	53.7	80.5#



#50

Toluene-d8

Concen: 53.280 ug/l

RT: 8.653 min Scan# 1241

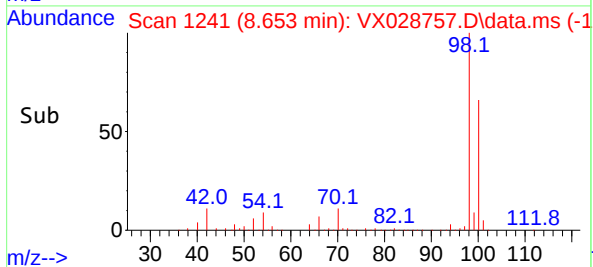
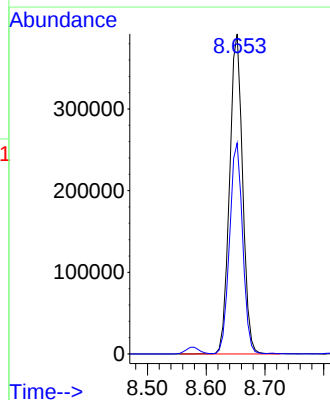
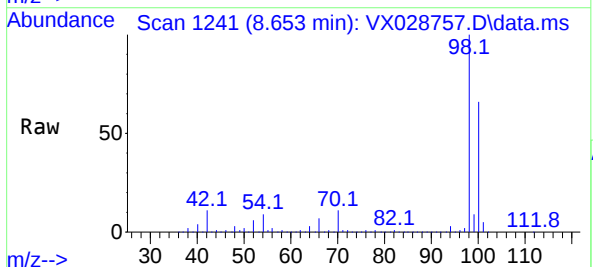
Delta R.T. 0.007 min

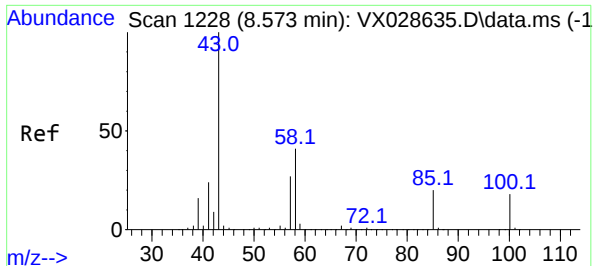
Lab File: VX028757.D

Acq: 17 May 2022 14:58

Tgt Ion: 98 Resp: 604923

Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	78.8

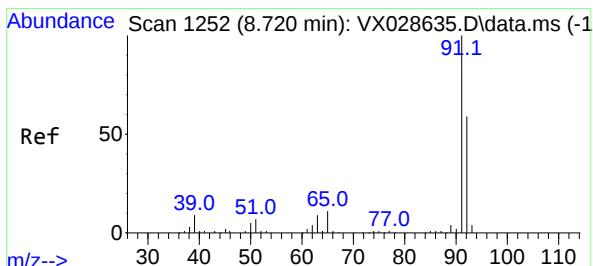
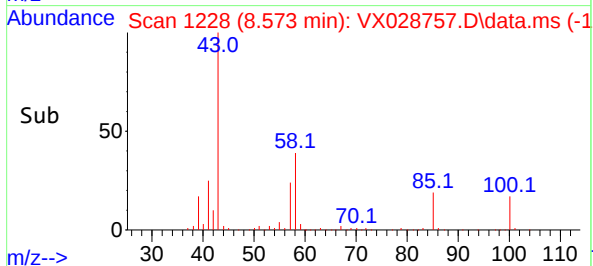
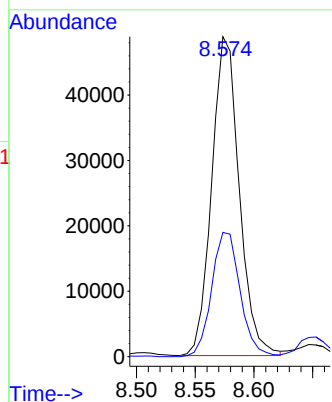
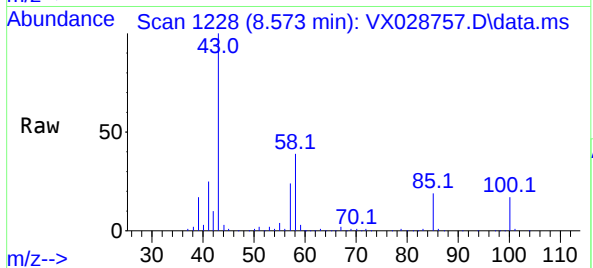




#51
4-Methyl-2-Pentanone
Concen: 16.319 ug/l
RT: 8.573 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

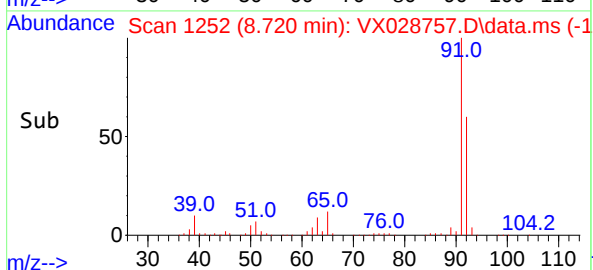
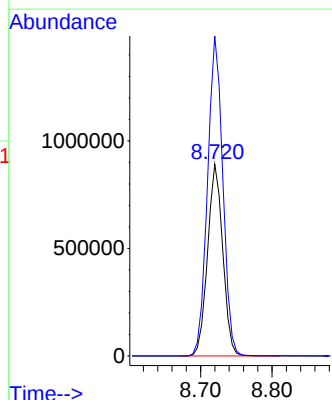
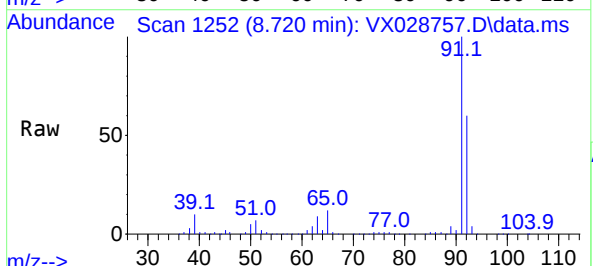
Instrument :
MSVOA_X
ClientSampleId :
31767

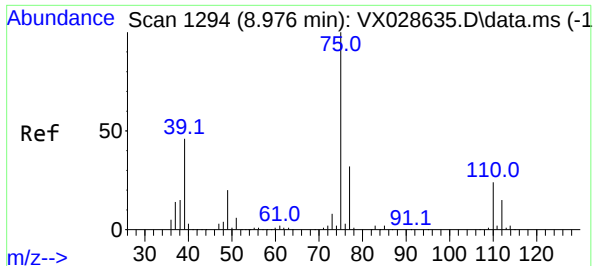
Tgt Ion: 43 Resp: 79446
Ion Ratio Lower Upper
43 100
58 40.4 36.1 54.1



#52
Toluene
Concen: 157.107 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 92 Resp: 1313763
Ion Ratio Lower Upper
92 100
91 167.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 3.157 ug/l

RT: 9.073 min Scan# 1187

Delta R.T. 0.097 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

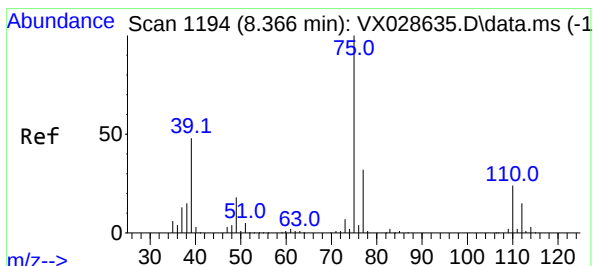
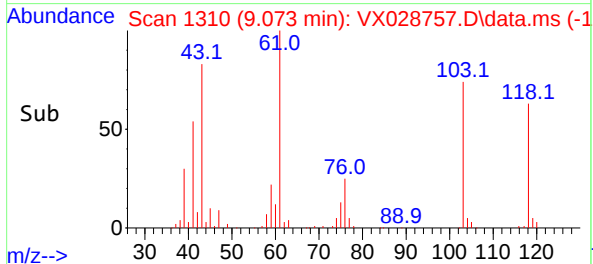
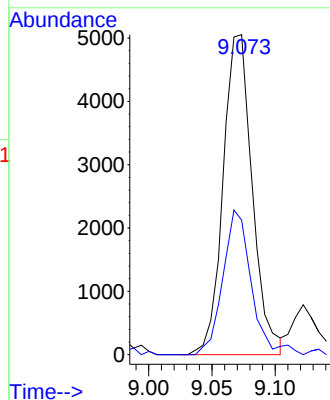
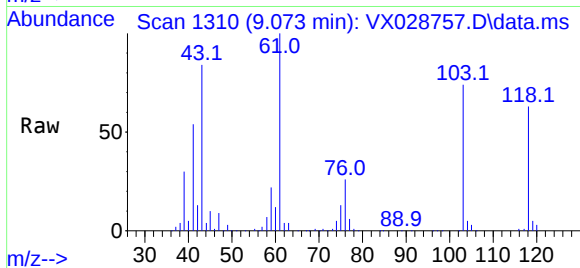
31767

Tgt Ion: 75 Resp: 8117

Ion Ratio Lower Upper

75 100

77 42.1 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 0.610 ug/l

RT: 8.330 min Scan# 1188

Delta R.T. -0.036 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

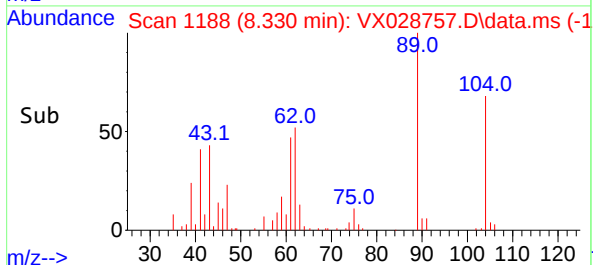
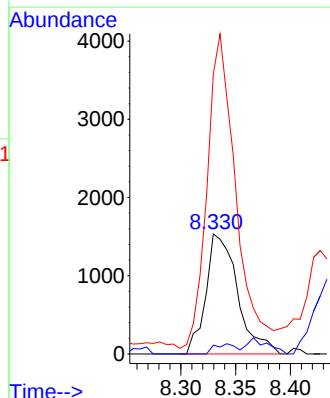
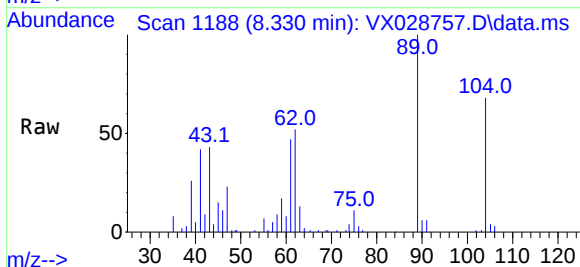
Tgt Ion: 75 Resp: 3089

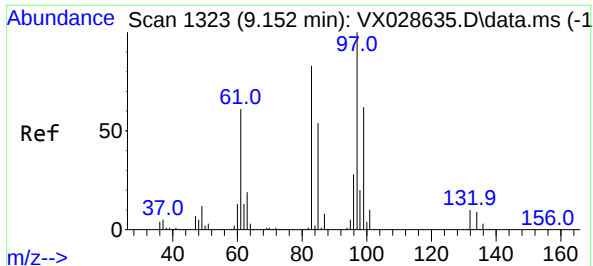
Ion Ratio Lower Upper

75 100

77 7.3 24.8 37.2#

39 228.4 29.6 44.4#



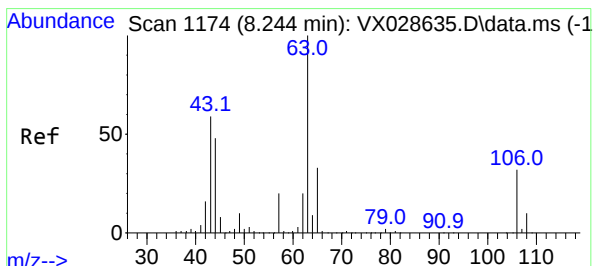
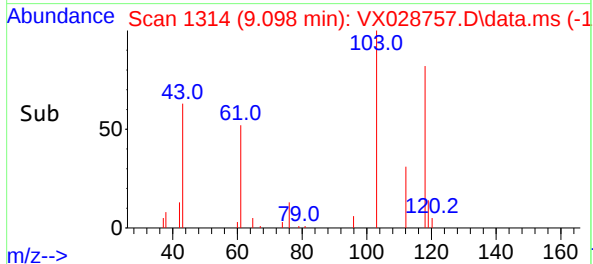
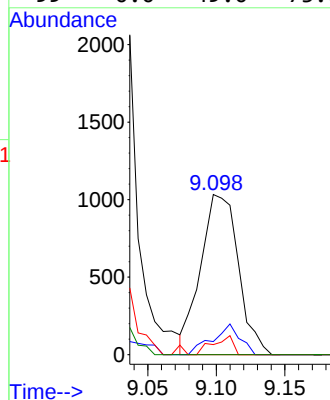
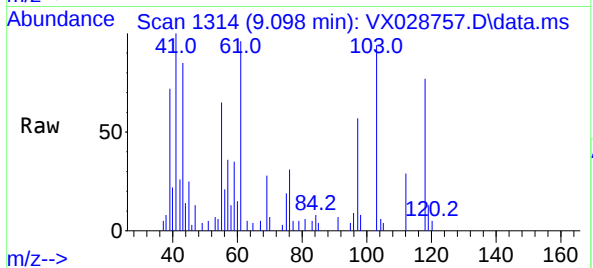


#55
1,1,2-Trichloroethane
Concen: 0.580 ug/l
RT: 9.098 min Scan# 1189
Delta R.T. -0.054 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Instrument :
MSVOA_X
ClientSampleId :
31767

Tgt Ion: 97 Resp: 1979

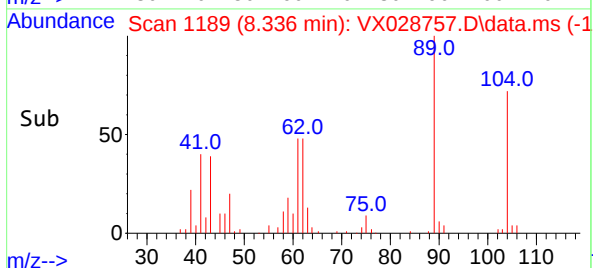
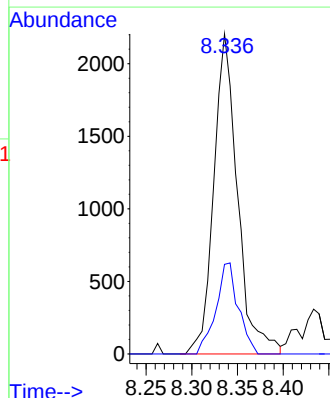
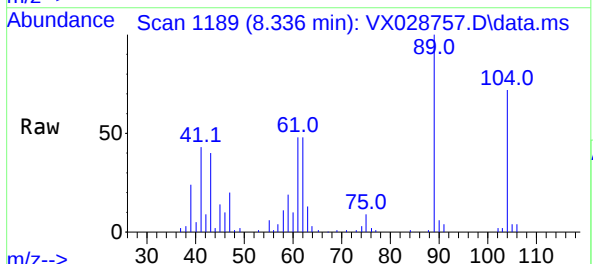
Ion	Ratio	Lower	Upper
97	100		
83	8.2	66.2	99.4#
85	6.3	42.9	64.3#
99	0.0	49.0	73.6#

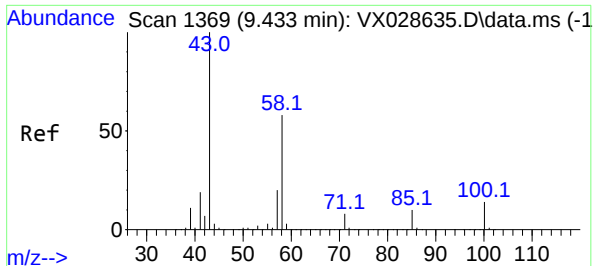


#58
2-Chloroethyl Vinyl ether
Concen: 1.577 ug/l
RT: 8.336 min Scan# 1189
Delta R.T. 0.092 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 63 Resp: 3987

Ion	Ratio	Lower	Upper
63	100		
106	26.8	23.9	35.9





#59

2-Hexanone

Concen: 1.472 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

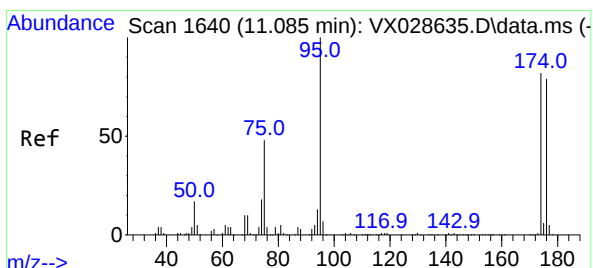
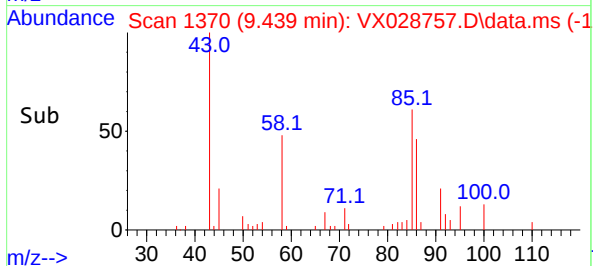
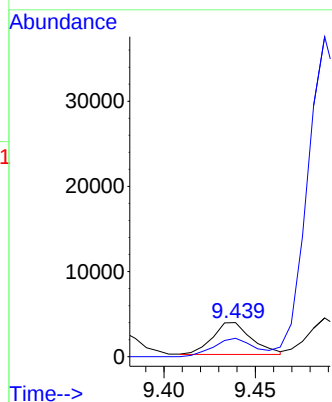
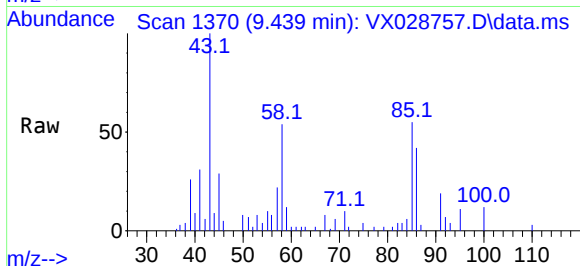
31767

Tgt Ion: 43 Resp: 5568

Ion Ratio Lower Upper

43 100

58 60.3 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 51.192 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

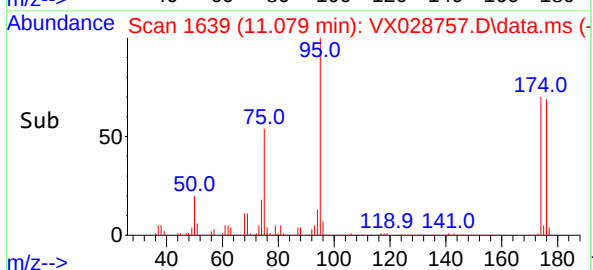
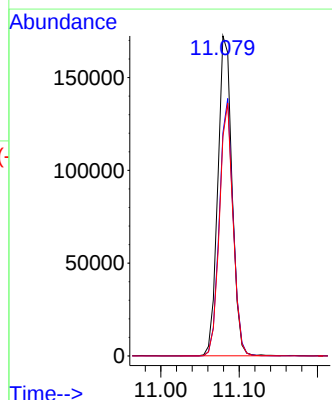
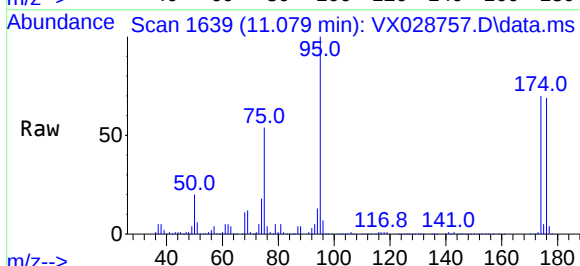
Tgt Ion: 95 Resp: 217091

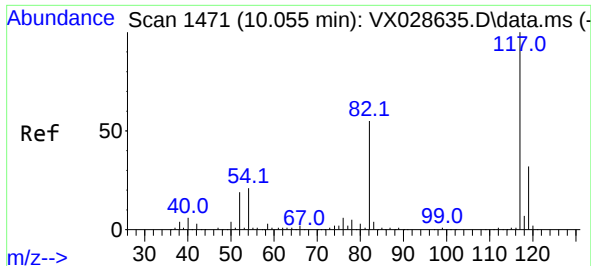
Ion Ratio Lower Upper

95 100

174 77.7 0.0 163.0

176 75.8 0.0 155.0

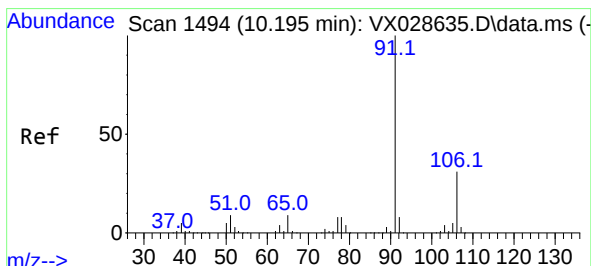
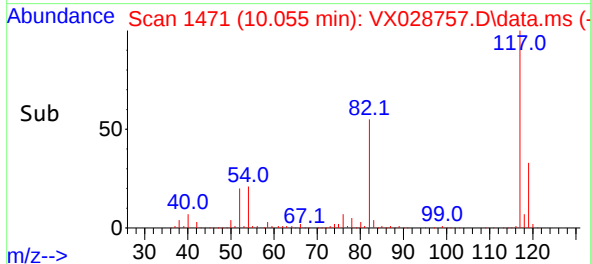
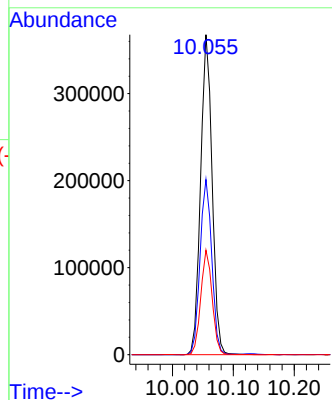
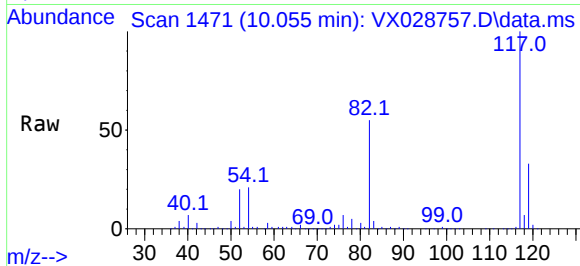




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

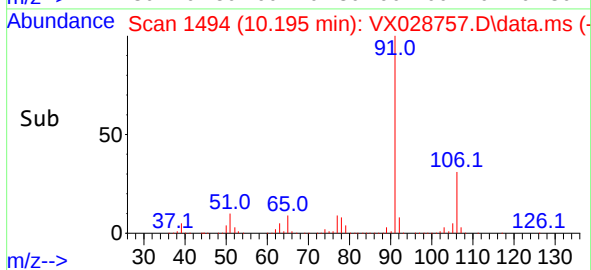
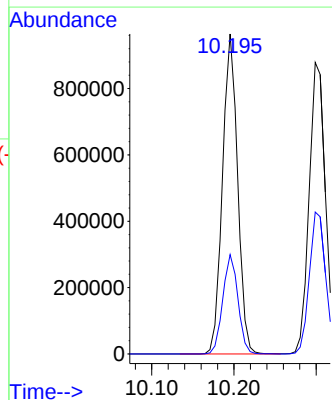
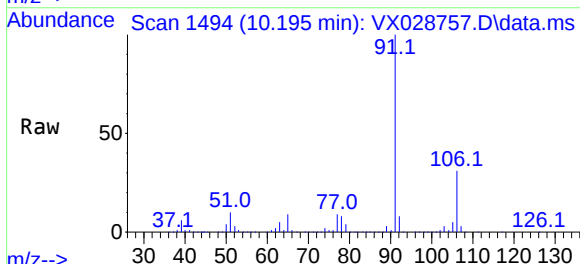
Instrument :
MSVOA_X
ClientSampleId :
31767

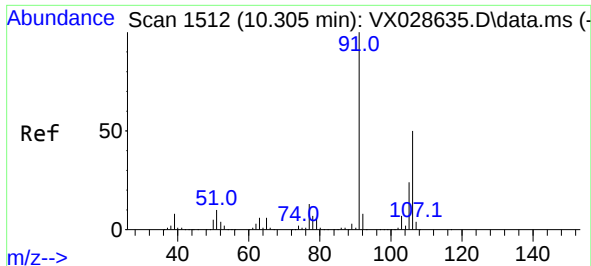
Tgt Ion:117 Resp: 484030
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.7 24.8 37.2



#67
Ethyl Benzene
Concen: 66.877 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 91 Resp: 1230871
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

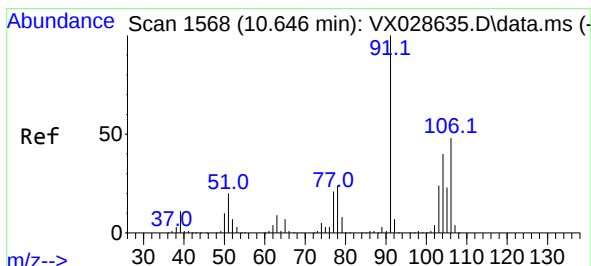
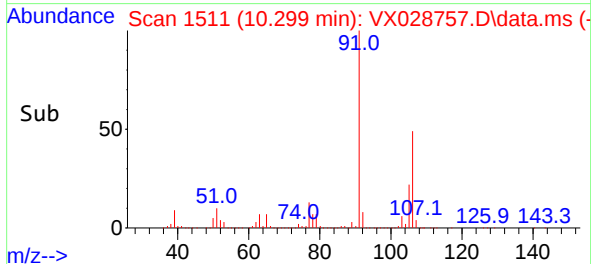
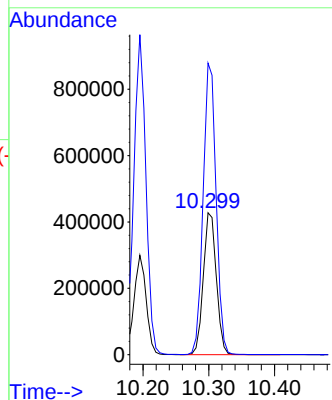
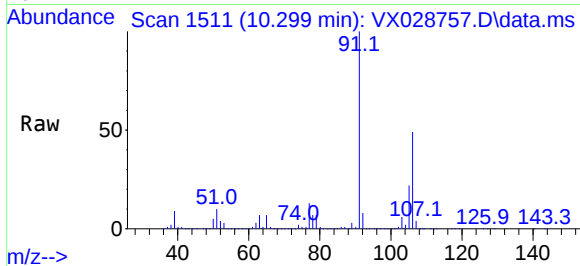




#68
m/p-Xylenes
Concen: 81.897 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

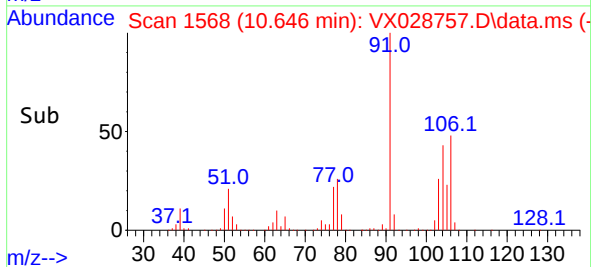
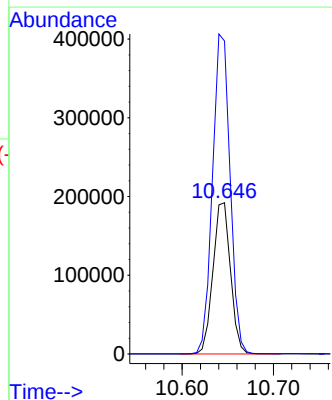
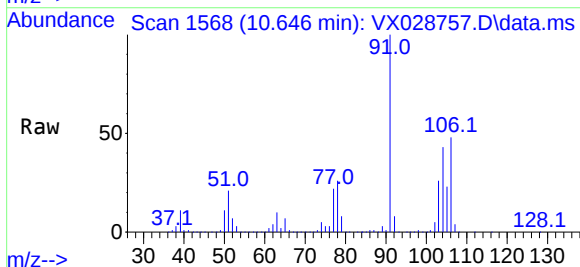
Instrument :
MSVOA_X
ClientSampleId :
31767

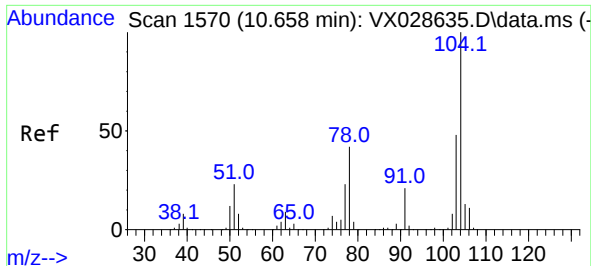
Tgt Ion:106 Resp: 586842
Ion Ratio Lower Upper
106 100
91 204.6 160.4 240.6



#69
o-Xylene
Concen: 36.311 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion:106 Resp: 256168
Ion Ratio Lower Upper
106 100
91 211.6 106.1 318.1

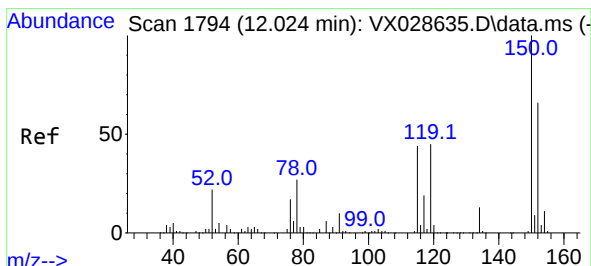
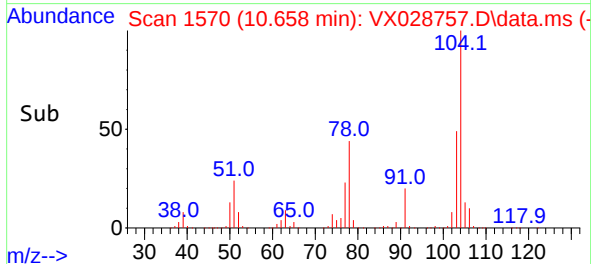
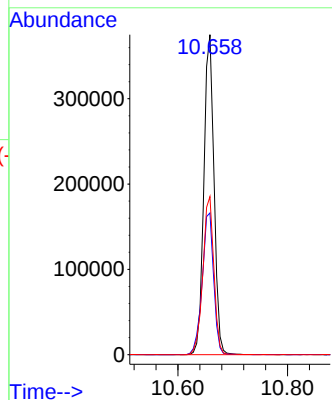
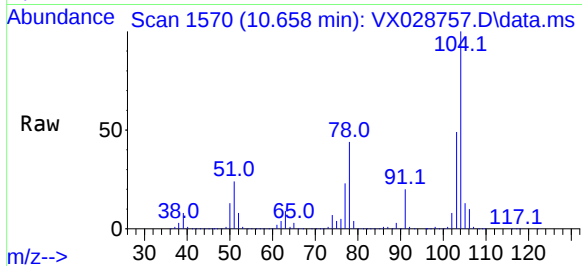




#70
Styrene
Concen: 42.151 ug/l
RT: 10.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

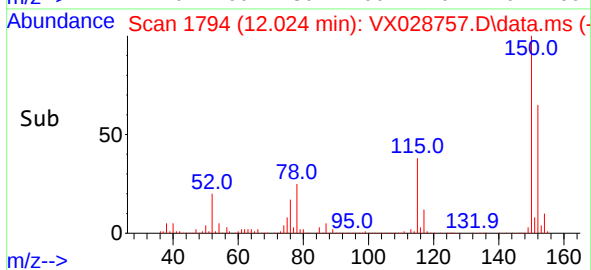
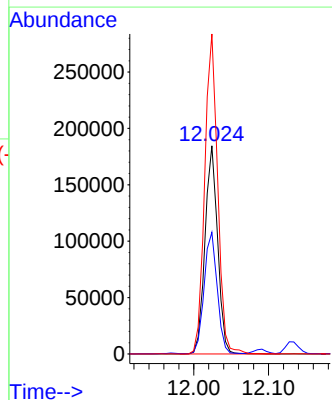
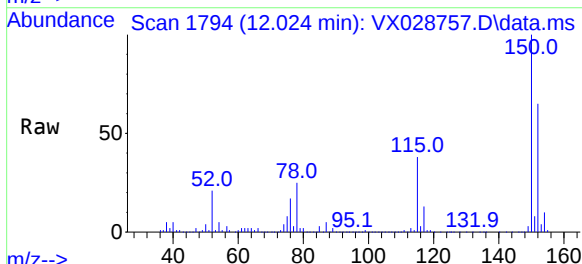
Instrument :
MSVOA_X
ClientSampleId :
31767

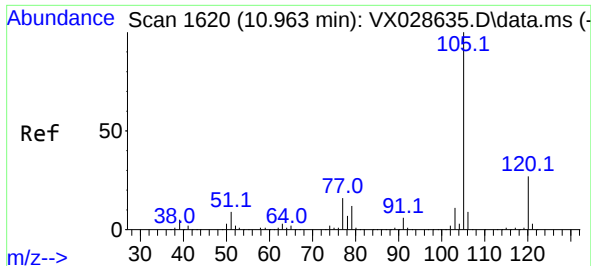
Tgt Ion:104 Resp: 482910
Ion Ratio Lower Upper
104 100
78 50.0 38.6 57.8
103 53.4 43.8 65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion:152 Resp: 216349
Ion Ratio Lower Upper
152 100
115 60.3 37.5 112.7
150 157.8 0.0 338.2

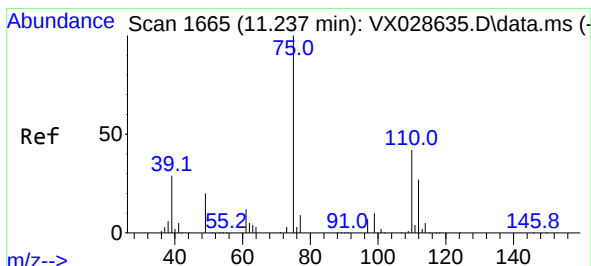
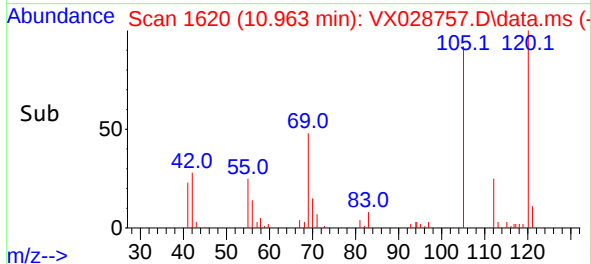
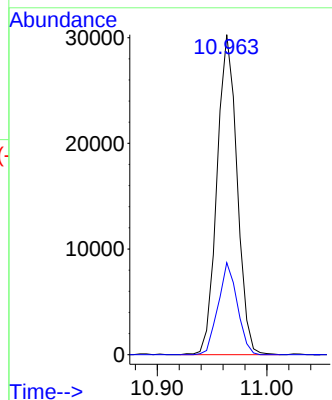
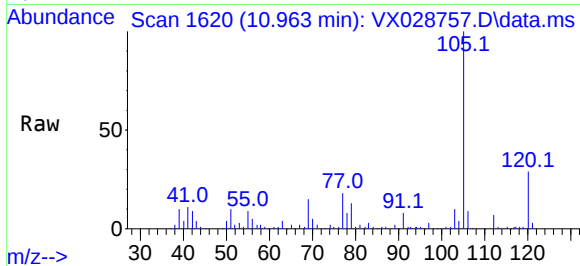




#73
Isopropylbenzene
Concen: 2.349 ug/l
RT: 10.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

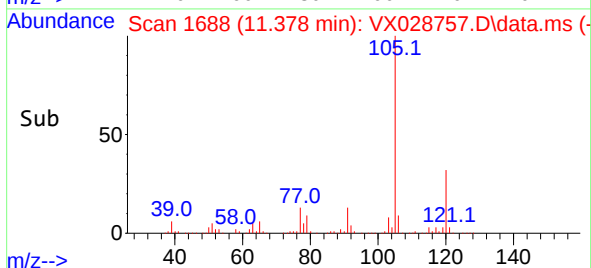
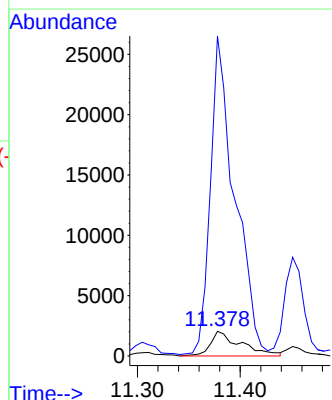
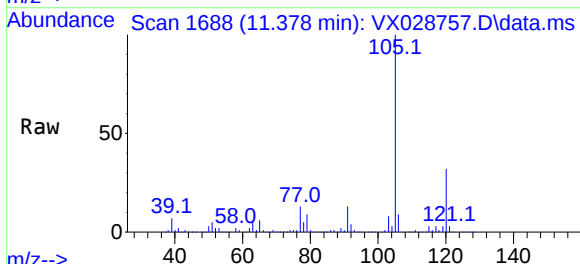
Instrument :
MSVOA_X
ClientSampleId :
31767

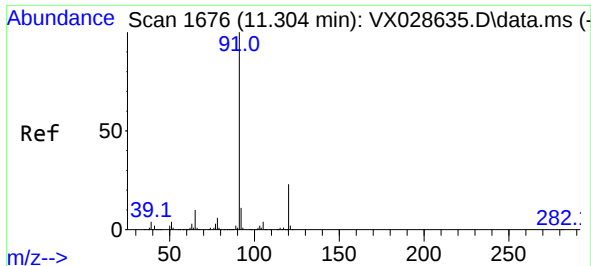
Tgt Ion:105 Resp: 38543
Ion Ratio Lower Upper
105 100
120 27.4 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 0.830 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.141 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 75 Resp: 4205
Ion Ratio Lower Upper
75 100
77 1027.8 19.4 58.2#

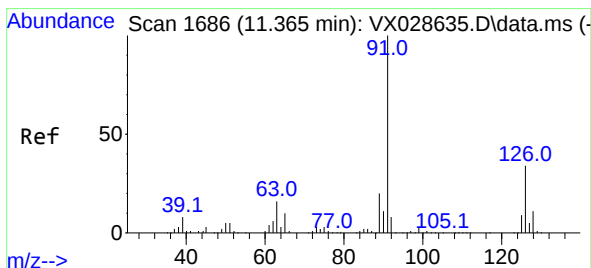
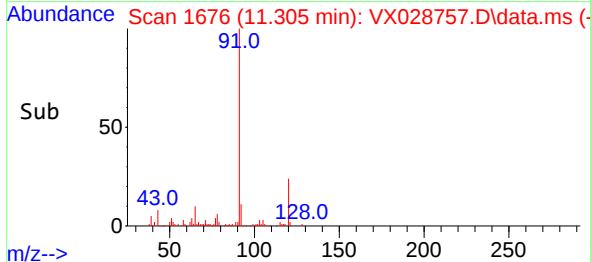
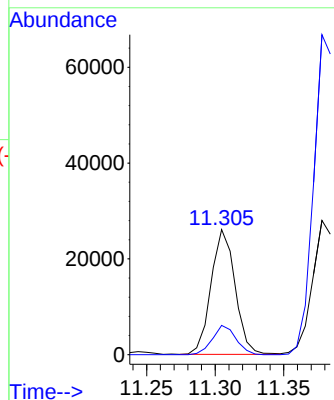
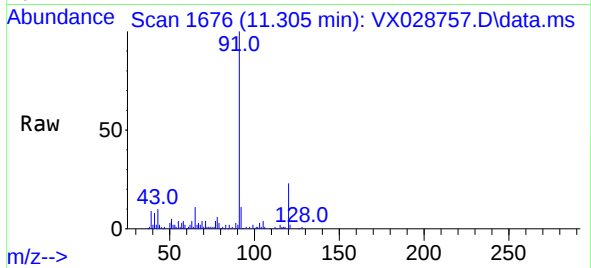




#78
n-propylbenzene
Concen: 1.673 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

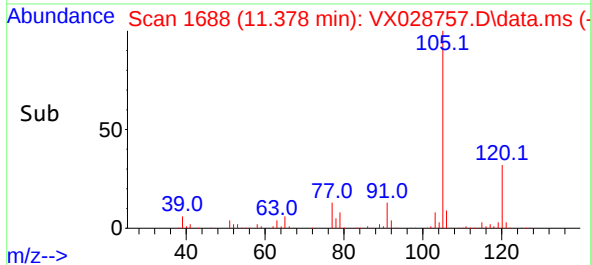
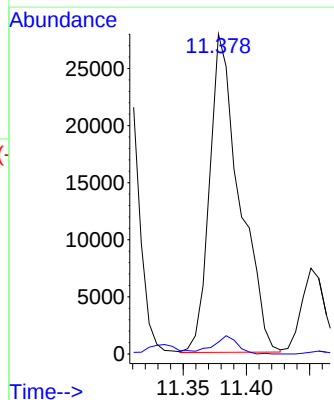
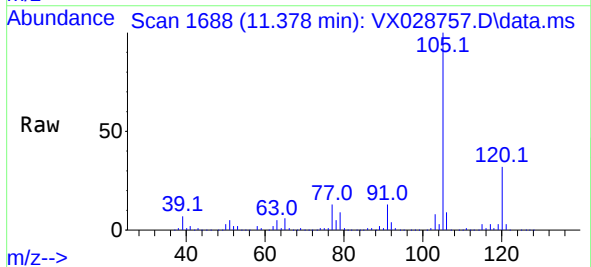
Instrument :
MSVOA_X
ClientSampleId :
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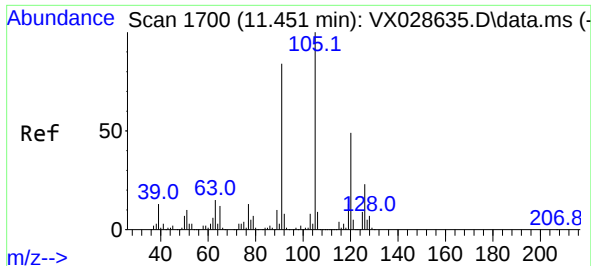
Tgt Ion: 91 Resp: 31754
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.8



#79
2-Chlorotoluene
Concen: 3.960 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.013 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 91 Resp: 46067
Ion Ratio Lower Upper
91 100
126 4.4 17.3 51.9#

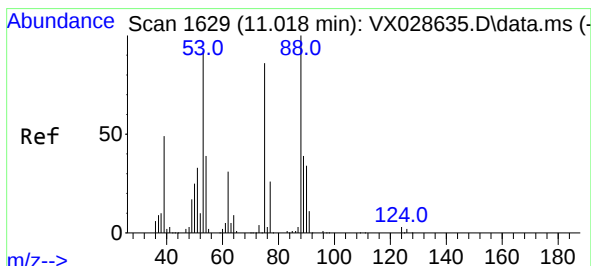
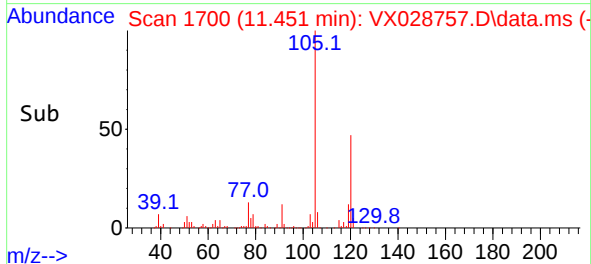
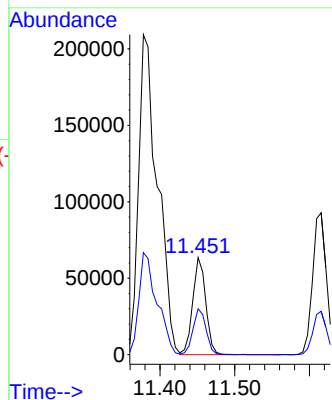
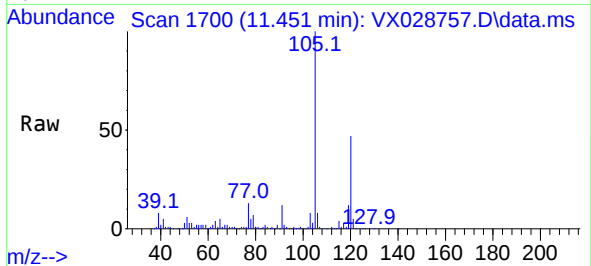




#80
1,3,5-Trimethylbenzene
Concen: 5.630 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

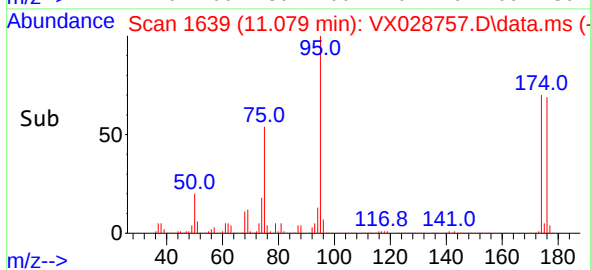
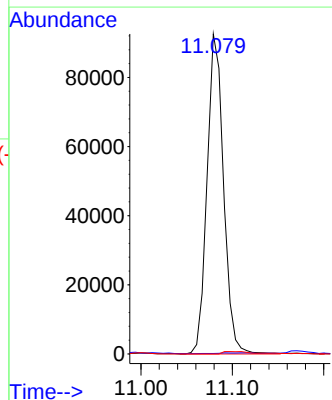
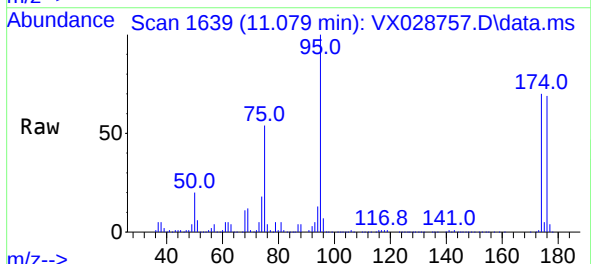
Instrument :
MSVOA_X
ClientSampleId :
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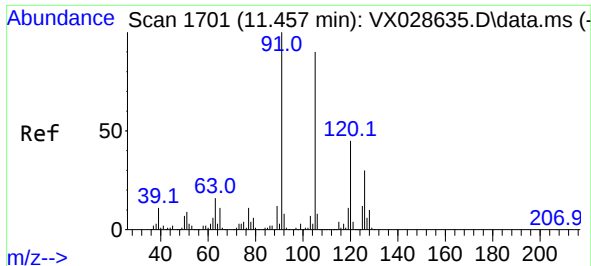
Tgt Ion:105 Resp: 76972
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 66.821 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 75 Resp: 115884
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

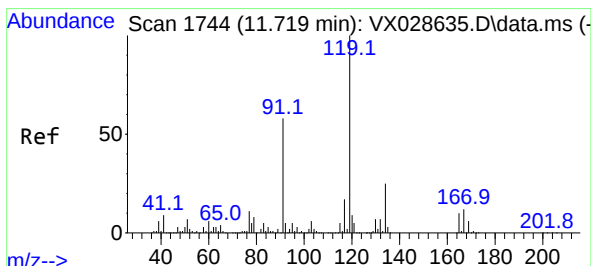
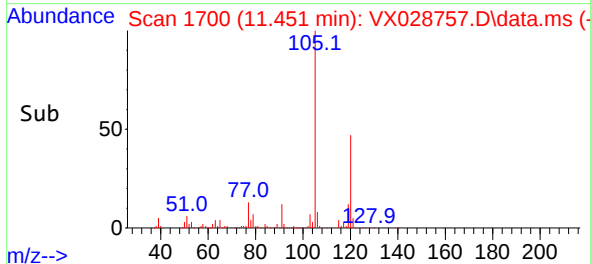
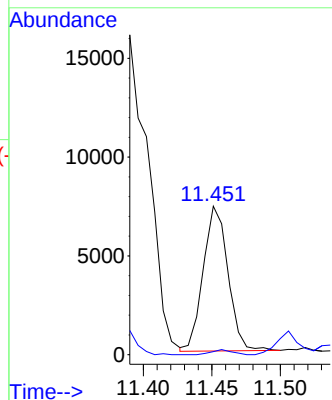
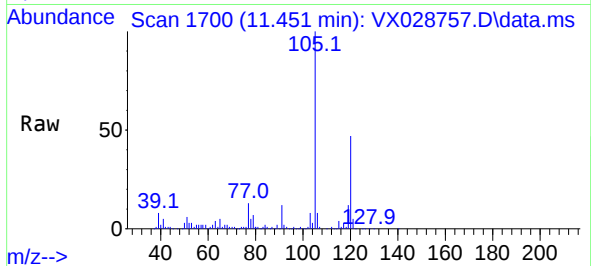




#82
4-Chlorotoluene
Concen: 0.687 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

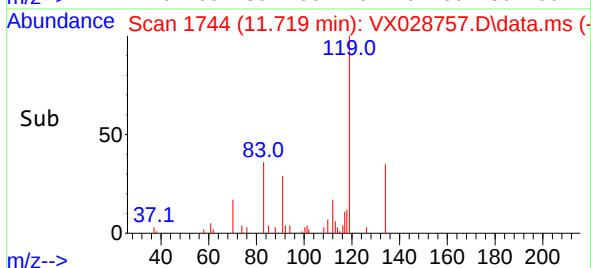
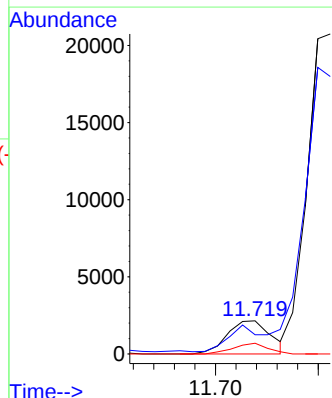
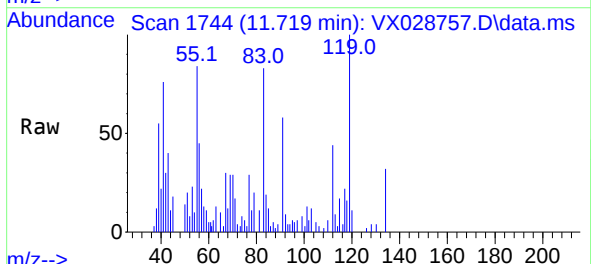
Instrument :
MSVOA_X
ClientSampleId :
31767

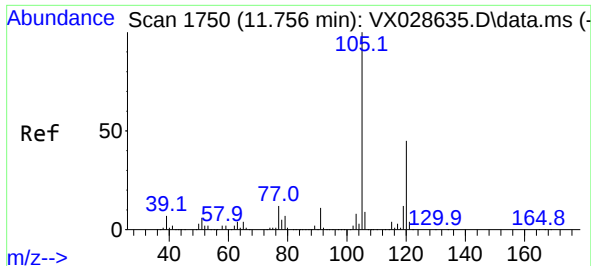
Tgt Ion: 91 Resp: 9240
Ion Ratio Lower Upper
91 100
126 2.8 14.9 44.5#



#83
tert-Butylbenzene
Concen: 0.237 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 119 Resp: 3133
Ion Ratio Lower Upper
119 100
91 63.3 26.9 80.6
134 25.8 11.4 34.2

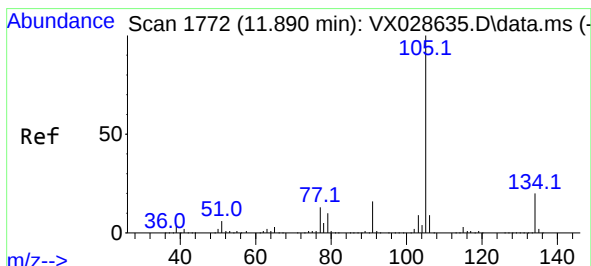
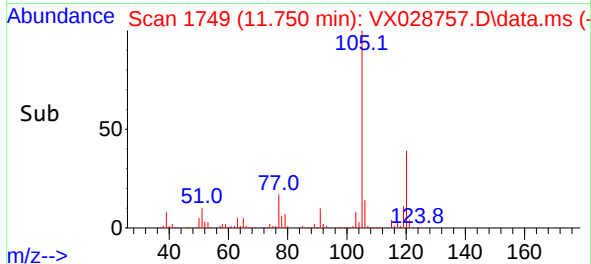
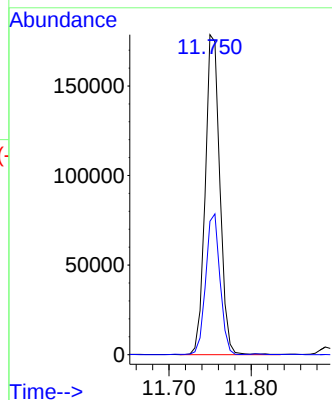
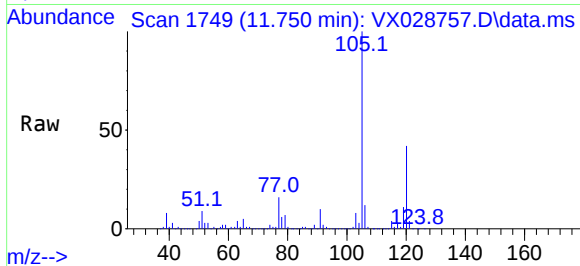




#84
1,2,4-Trimethylbenzene
Concen: 16.072 ug/l
RT: 11.750 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

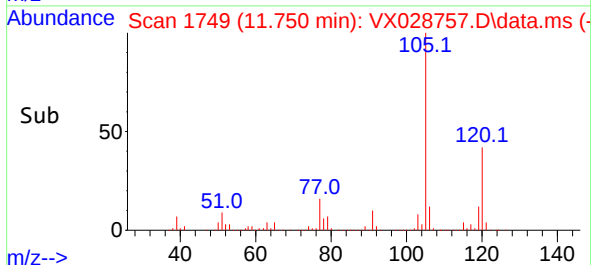
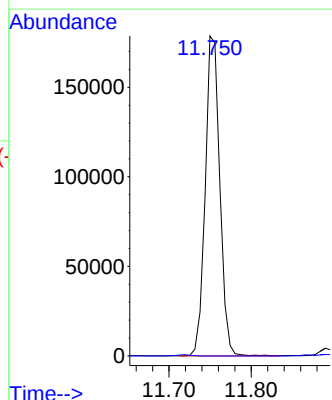
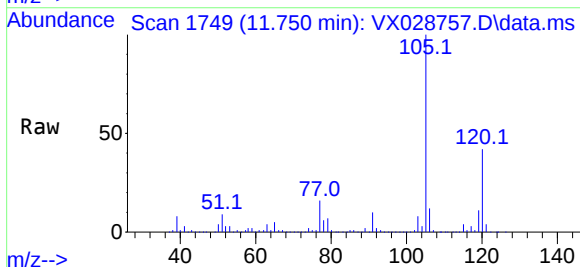
Instrument :
MSVOA_X
ClientSampleId :
31767

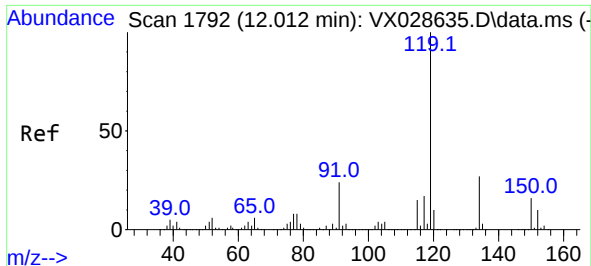
Tgt Ion:105 Resp: 220330
Ion Ratio Lower Upper
105 100
120 43.2 22.6 67.8



#85
sec-Butylbenzene
Concen: 13.495 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.140 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion:105 Resp: 220330
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

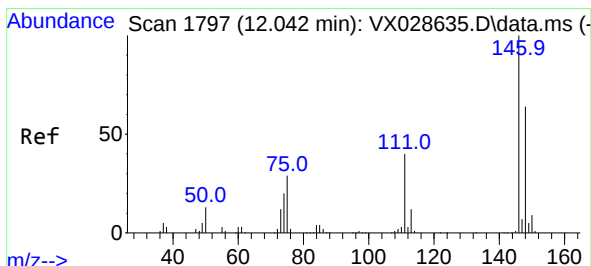
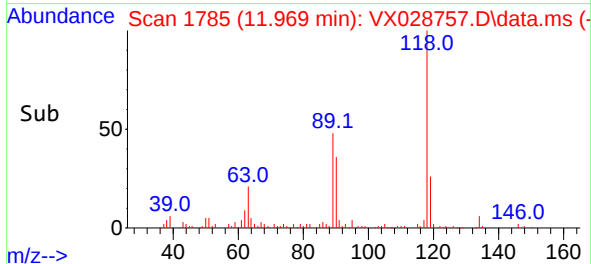
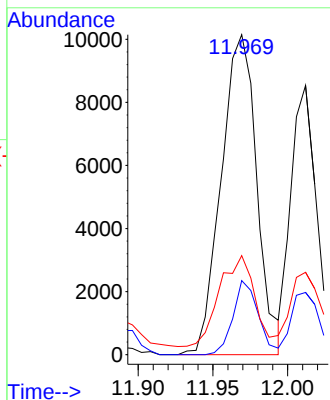
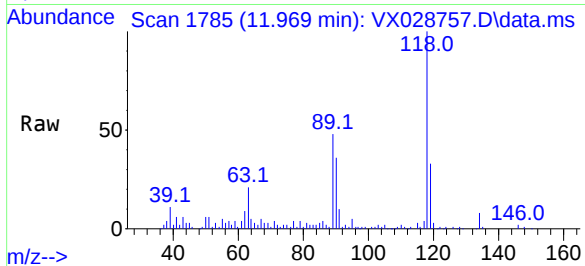




#86
p-Isopropyltoluene
Concen: 1.226 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.043 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

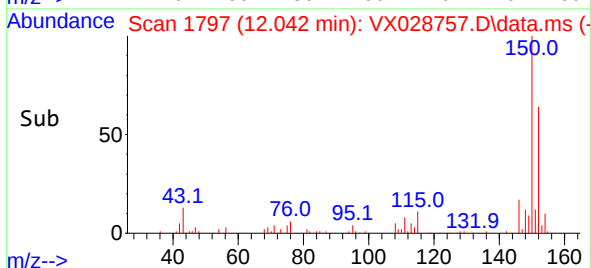
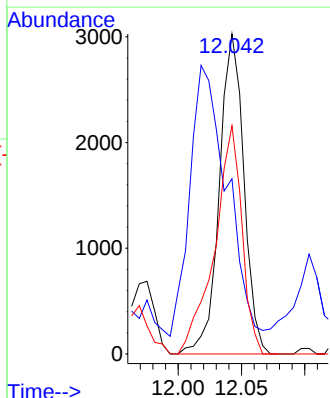
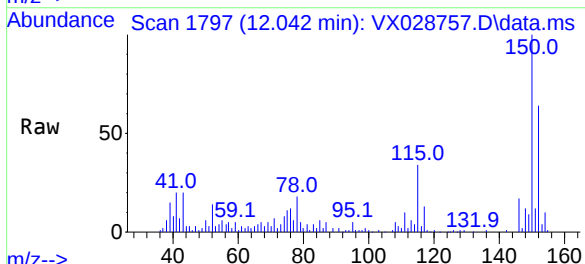
Instrument :
MSVOA_X
ClientSampleId :
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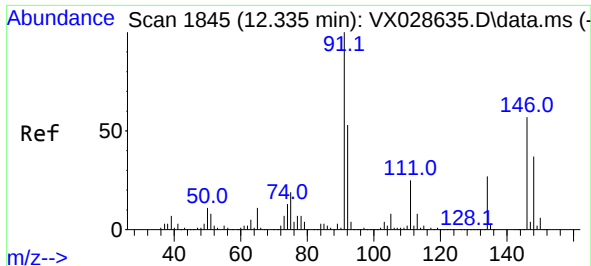
Tgt Ion:119 Resp: 16797
Ion Ratio Lower Upper
119 100
134 16.5 13.0 39.0
91 27.7 11.3 33.9



#88
1,4-Dichlorobenzene
Concen: 0.516 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion:146 Resp: 4074
Ion Ratio Lower Upper
146 100
111 0.0 19.2 57.6#
148 79.5 32.3 96.9





#89

n-Butylbenzene

Concen: 0.689 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX028757.D

Acq: 17 May 2022 14:58

Instrument :

MSVOA_X

ClientSampleId :

31767

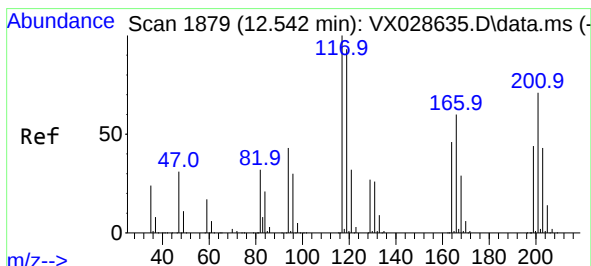
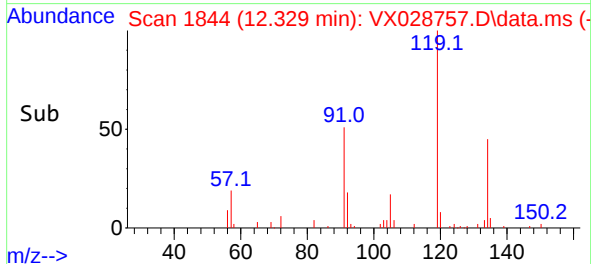
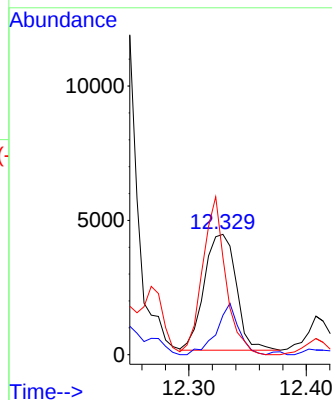
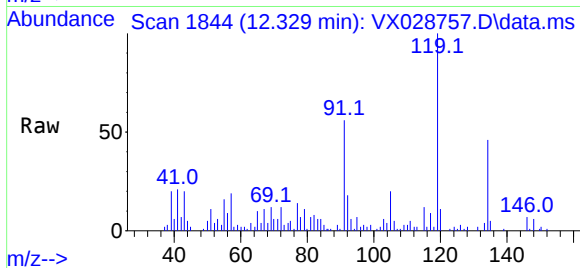
Tgt Ion: 91 Resp: 8182

Ion Ratio Lower Upper

91 100

92 30.8 27.8 83.3

134 98.3 13.3 39.8#



#90

Hexachloroethane

Concen: 58.105 ug/l

RT: 12.414 min Scan# 1858

Delta R.T. -0.128 min

Lab File: VX028757.D

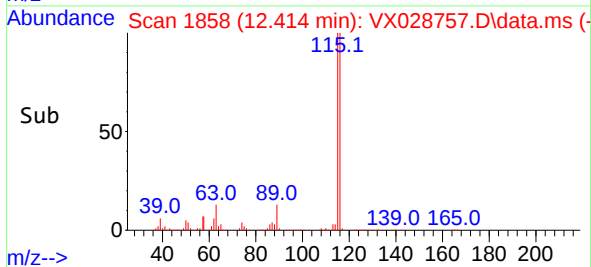
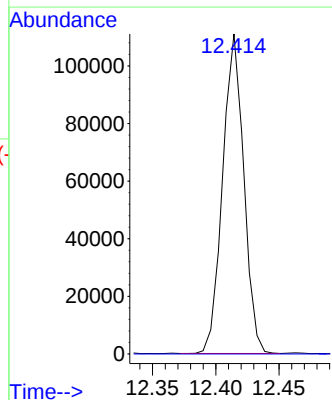
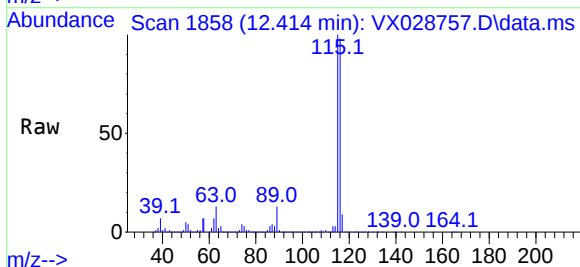
Acq: 17 May 2022 14:58

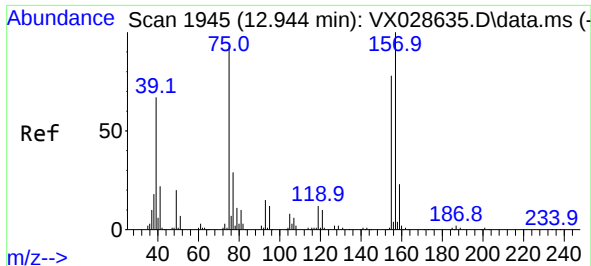
Tgt Ion: 117 Resp: 128736

Ion Ratio Lower Upper

117 100

201 0.0 39.5 118.5#

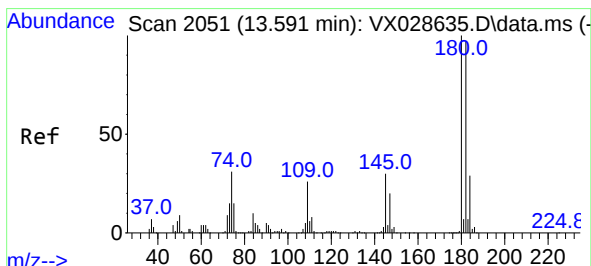
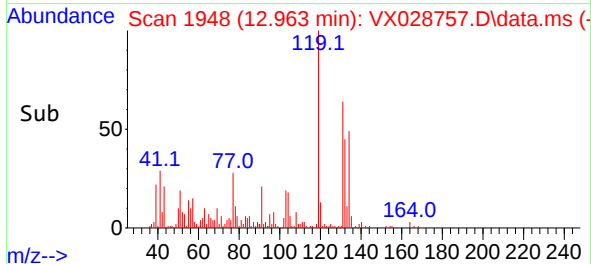
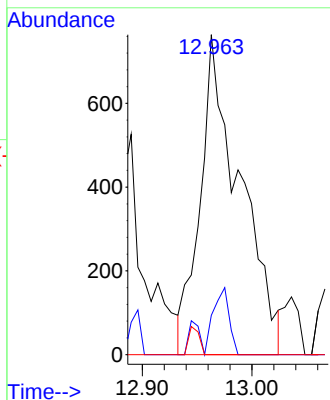
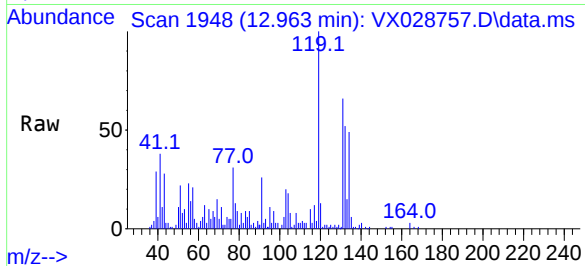




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.603 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.019 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

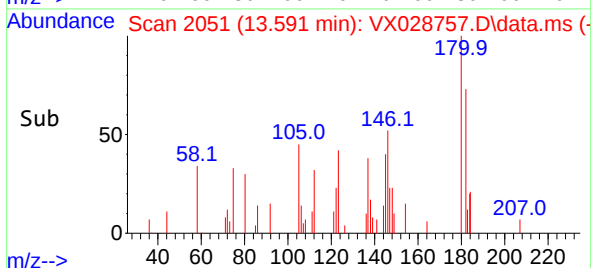
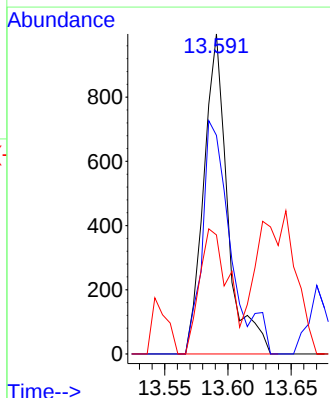
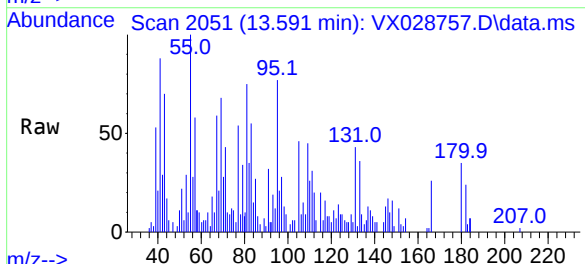
Instrument :
MSVOA_X
ClientSampleId :
31767

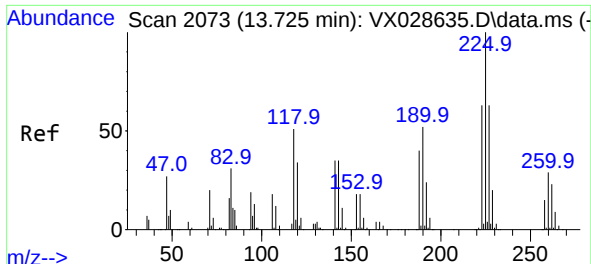
Tgt Ion: 75 Resp: 1927
Ion Ratio Lower Upper
75 100
155 8.4 47.0 141.2#
157 0.0 57.9 173.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.304 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

Tgt Ion: 180 Resp: 1312
Ion Ratio Lower Upper
180 100
182 86.5 47.7 143.1
145 47.0 15.2 45.5#

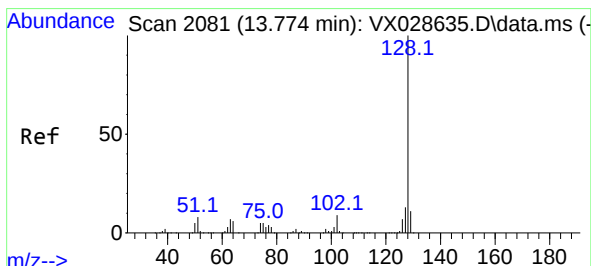
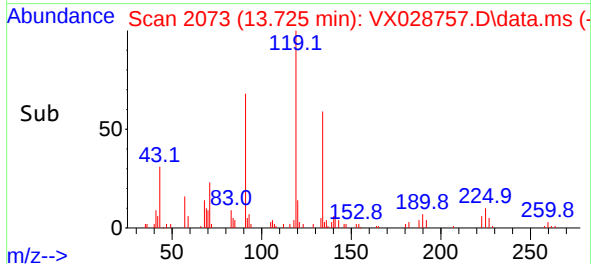
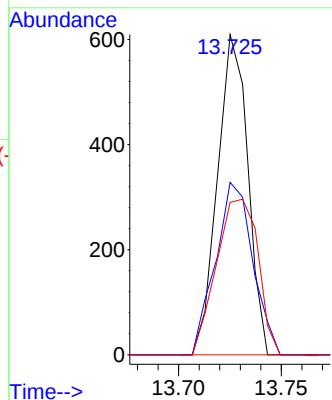
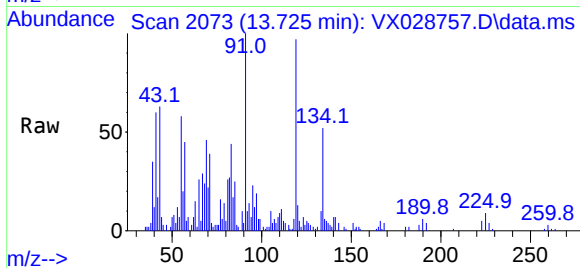




#94
Hexachlorobutadiene
Concen: 0.356 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

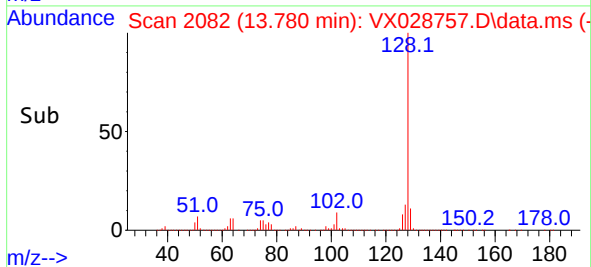
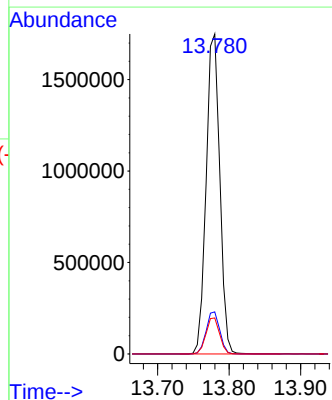
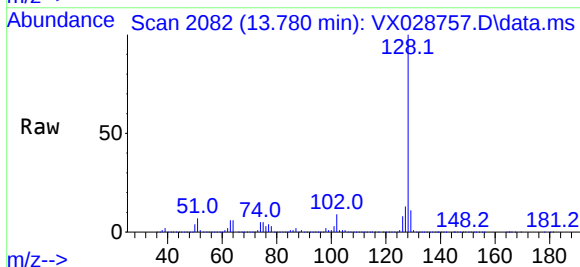
Instrument :
MSVOA_X
ClientSampleId :
31767

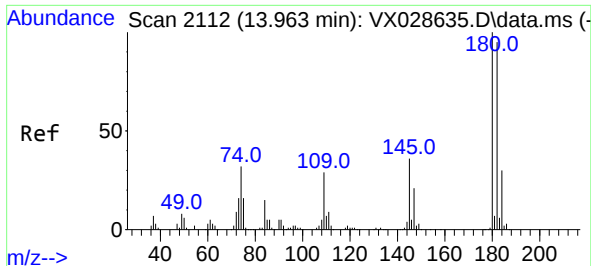
Tgt Ion:	225	Resp:	624
Ion	Ratio	Lower	Upper
225	100		
223	66.3	34.2	102.5
227	67.0	33.9	101.7



#95
Naphthalene
Concen: 150.616 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028757.D
Acq: 17 May 2022 14:58

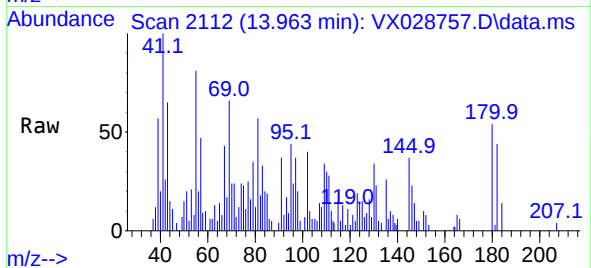
Tgt Ion:	128	Resp:	2315529
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.3	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.319 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX028757.D
 Acq: 17 May 2022 14:58

Instrument :
 MSVOA_X
 ClientSampleId :
 31767



Tgt Ion:	180	Resp:	1385
Ion	Ratio	Lower	Upper
180	100		
182	103.8	50.0	149.8
145	74.3	16.2	48.5#

