

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028648.D
 Acq On : 12 May 2022 19:12
 Operator : JC/MD
 Sample : N2799-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

Quant Time: May 13 02:48:48 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	240513	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440695	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	231045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168221	51.024	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.040%	
35) Dibromofluoromethane	5.391	113	143932	49.849	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.700%	
50) Toluene-d8	8.653	98	548859	50.419	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.840%	
62) 4-Bromofluorobenzene	11.086	95	233689	57.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 114.940%	

Target Compounds				Qvalue		
3) Chloromethane	1.252	50	5312	1.791	ug/l #	42
5) Bromomethane	1.612	94	779	Below Cal		83
6) Chloroethane	1.916	64	913	Below Cal	#	55
10) Methyl Iodide	2.453	142	688	0.214	ug/l #	85
11) Tert butyl alcohol	2.959	59	5829	0.364	ug/l #	72
13) Acrolein	2.215	56	9037	16.700	ug/l #	1
14) Allyl chloride	2.715	41	27561	6.903	ug/l #	63
15) Acrylonitrile	3.099	53	26164	16.471	ug/l #	39
16) Acetone	2.337	43	58729	41.506	ug/l #	44
17) Carbon Disulfide	2.520	76	11847	1.836	ug/l	99
18) Methyl Acetate	2.782	43	267913	75.599	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	7751	0.877	ug/l #	1
20) Methylene Chloride	2.776	84	1922	0.647	ug/l #	1
23) Vinyl Acetate	3.666	43	9412	1.280	ug/l #	66
24) 1,1-Dichloroethane	3.581	63	1044	0.210	ug/l #	81
25) 2-Butanone	4.562	43	19950	8.982	ug/l	95
30) Chloroform	5.080	83	1255	0.234	ug/l #	72
31) Cyclohexane	5.477	56	441233	96.418	ug/l	96
36) 1,1-Dichloropropene	5.556	75	20899	4.819	ug/l #	50
37) Ethyl Acetate	4.788	43	1698	0.375	ug/l #	1
38) Carbon Tetrachloride	5.556	117	25784	5.908	ug/l #	15
39) Methylcyclohexane	7.385	83	335562	67.471	ug/l	94
40) Benzene	6.044	78	356640	28.614	ug/l	99
41) Methacrylonitrile	4.898	41	804	0.331	ug/l #	1
42) 1,2-Dichloroethane	6.038	62	3472	0.755	ug/l #	73
43) Isopropyl Acetate	6.361	43	10067	1.421	ug/l #	56
45) 1,2-Dichloropropane	7.391	63	4959	1.595	ug/l #	1
46) Dibromomethane	7.580	93	483	0.208	ug/l #	1
47) Bromodichloromethane	7.769	83	1481	0.343	ug/l #	82
48) Methyl methacrylate	7.659	41	35488	10.367	ug/l #	67
51) 4-Methyl-2-Pentanone	8.580	43	6537	1.400	ug/l #	83
52) Toluene	8.726	92	5892197	734.899	ug/l	87
53) t-1,3-Dichloropropene	8.726	75	77193	16.684	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	21214	6.489	ug/l #	19
56) Ethyl methacrylate	9.104	69	5465	1.104	ug/l #	1
59) 2-Hexanone	9.439	43	8473	2.336	ug/l	62

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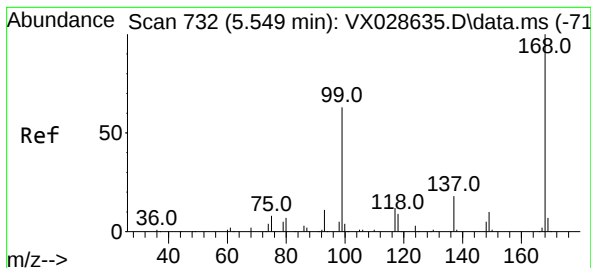
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) Chlorobenzene	10.281	112	4185	0.449	ug/l #	56
67) Ethyl Benzene	10.202	91	11544547	690.878	ug/l #	67
68) m/p-Xylenes	10.323	106	15959399	2453.166	ug/l #	53
69) o-Xylene	10.653	106	7111264	1110.242	ug/l	72
70) Styrene	10.653	104	512963	49.316	ug/l #	1
73) Isopropylbenzene	10.964	105	1040577	59.389	ug/l	100
76) 1,2,3-Trichloropropane	11.305	75	20990	3.879	ug/l #	1
78) n-propylbenzene	11.305	91	3064031	151.181	ug/l	99
79) 2-Chlorotoluene	11.384	91	2159538	173.848	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	4747492	325.180	ug/l	96
81) trans-1,4-Dichloro-2-b...	10.964	75	12756	10.359	ug/l #	54
82) 4-Chlorotoluene	11.457	91	578124	40.258	ug/l #	45
83) tert-Butylbenzene	11.762	119	2322872	164.330	ug/l #	48
84) 1,2,4-Trimethylbenzene	11.762	105	12439963	849.706	ug/l	77
85) sec-Butylbenzene	11.762	105	12439963	713.453	ug/l #	56
86) p-Isopropyltoluene	12.012	119	81787	5.590	ug/l #	78
89) n-Butylbenzene	12.323	91	431008	33.999	ug/l #	15
90) Hexachloroethane	12.530	117	91363	38.614	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.963	75	7376	5.747	ug/l #	1
95) Naphthalene	13.780	128	4640763	282.662	ug/l	97

(#) = 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: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

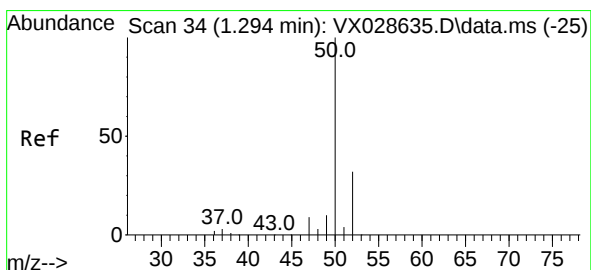
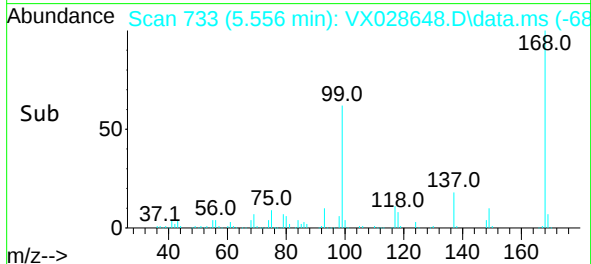
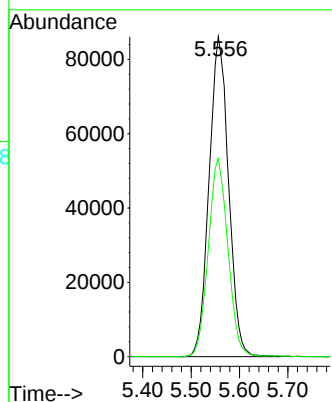
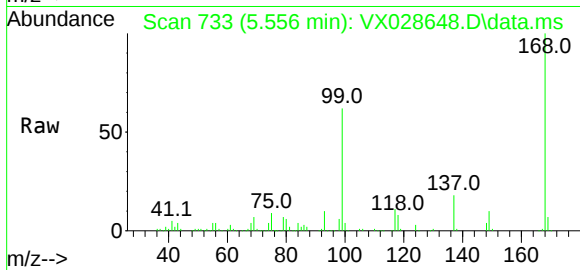
MW-2A

Tgt Ion:168 Resp: 240513

Ion Ratio Lower Upper

168 100

99 61.9 41.7 62.5



#3

Chloromethane

Concen: 1.791 ug/l

RT: 1.252 min Scan# 27

Delta R.T. -0.042 min

Lab File: VX028648.D

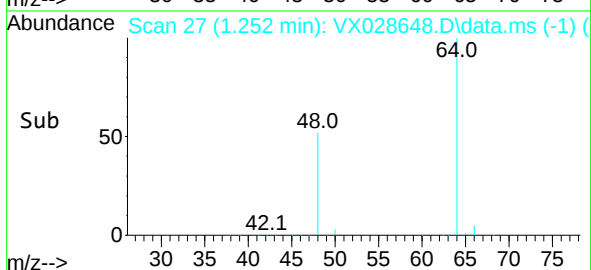
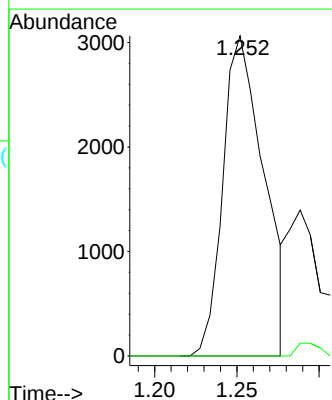
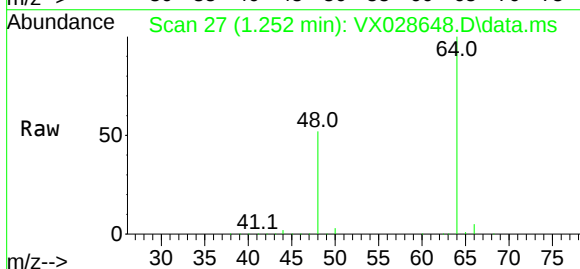
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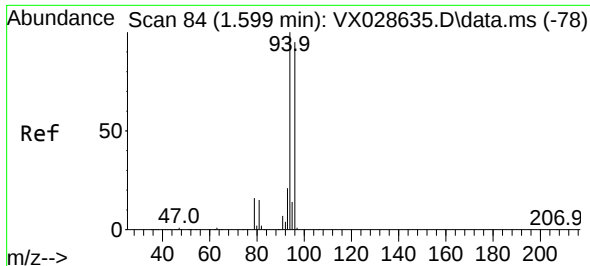
Tgt Ion: 50 Resp: 5312

Ion Ratio Lower Upper

50 100

52 0.0 26.4 39.6#

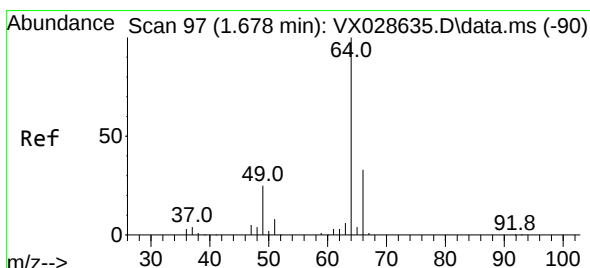
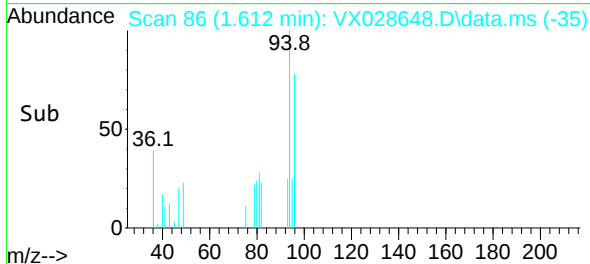
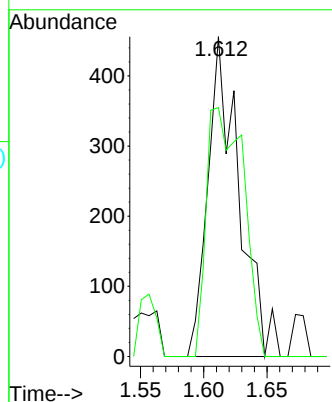
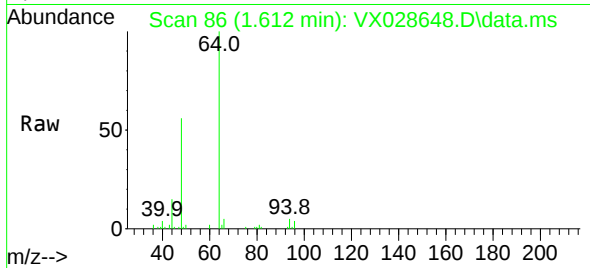




#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 80
Delta R.T. 0.013 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

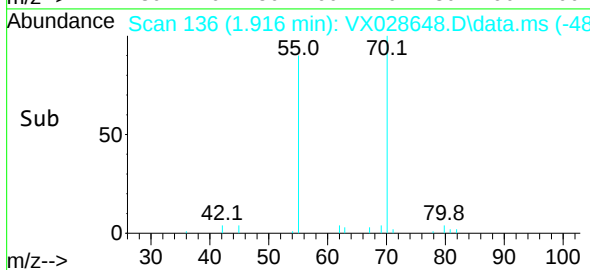
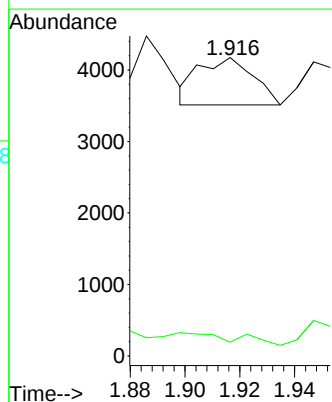
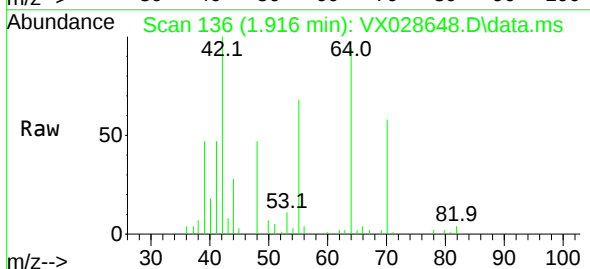
Instrument :
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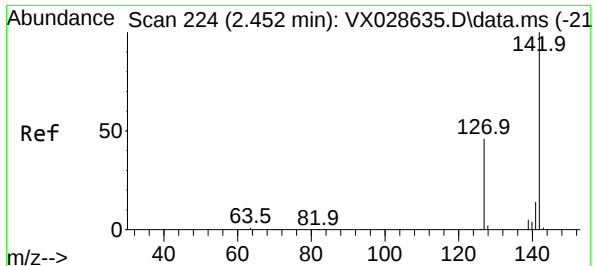
Tgt Ion: 94 Resp: 779
Ion Ratio Lower Upper
94 100
96 77.9 75.3 112.9



#6
Chloroethane
Concen: Below Cal
RT: 1.916 min Scan# 136
Delta R.T. 0.238 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 64 Resp: 913
Ion Ratio Lower Upper
64 100
66 6.5 25.3 37.9#

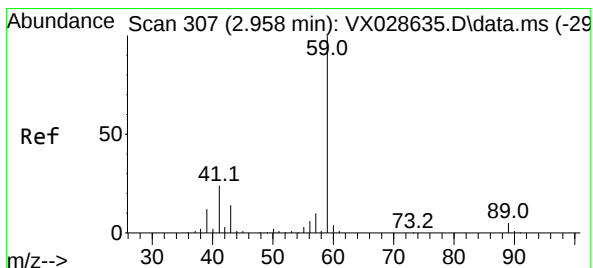
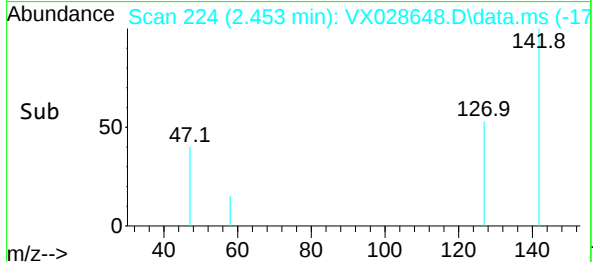
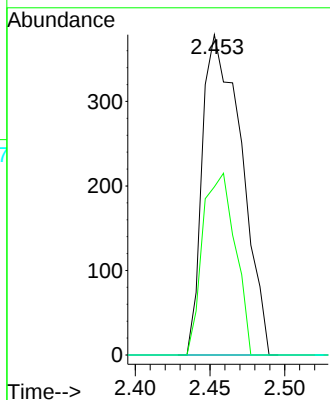
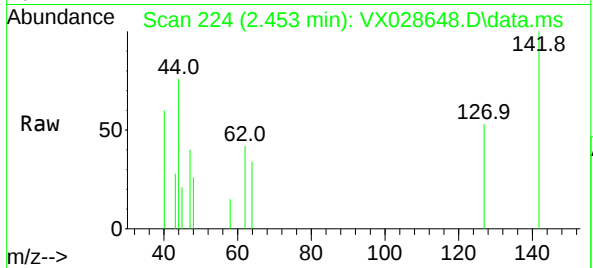




#10
Methyl Iodide
Concen: 0.214 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

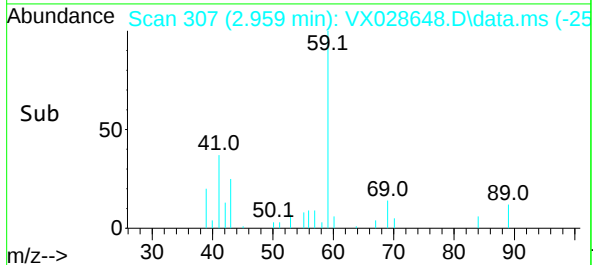
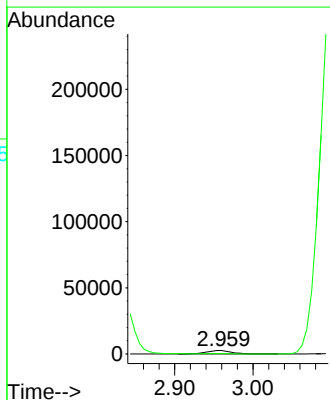
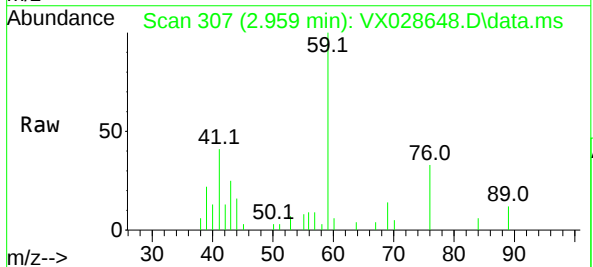
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

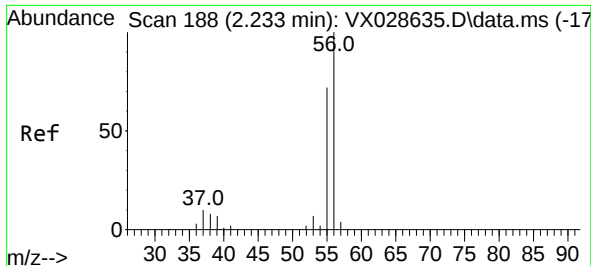
Tgt Ion:142 Resp: 688
Ion Ratio Lower Upper
142 100
127 47.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 0.364 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 59 Resp: 5829
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

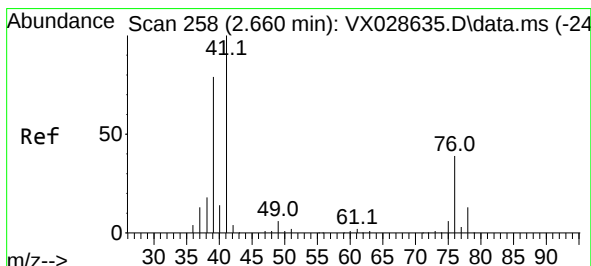
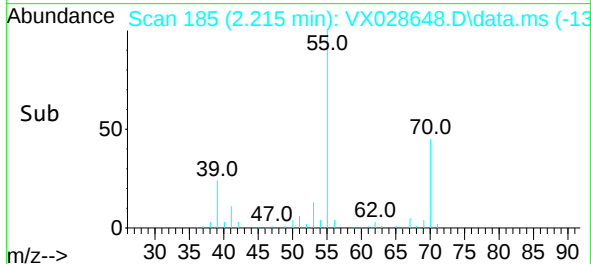
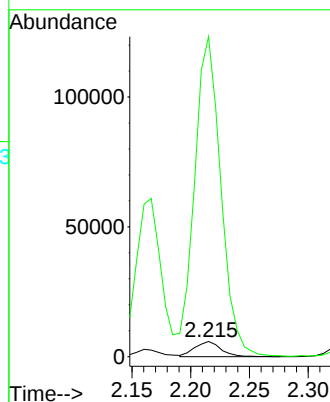
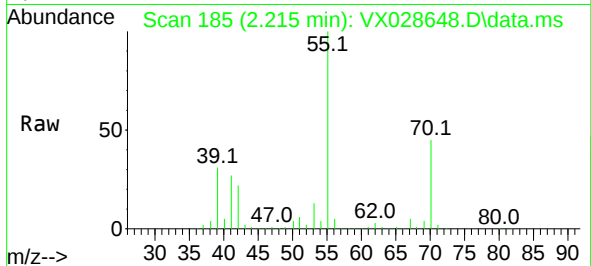




#13
Acrolein
Concen: 16.700 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

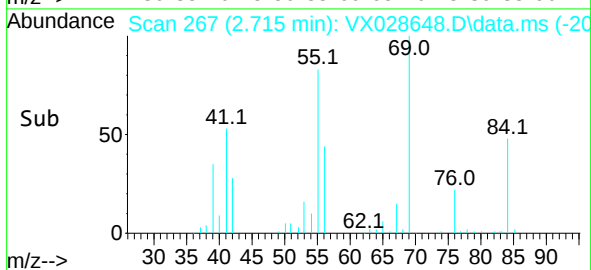
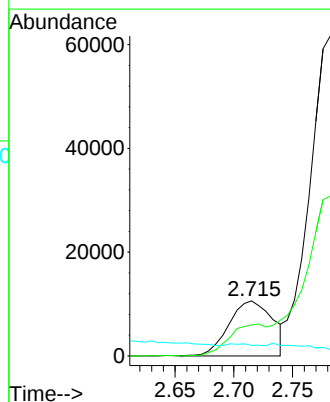
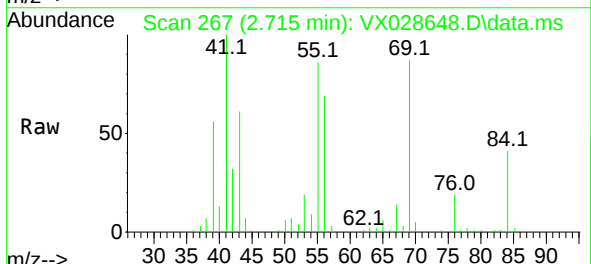
Instrument :
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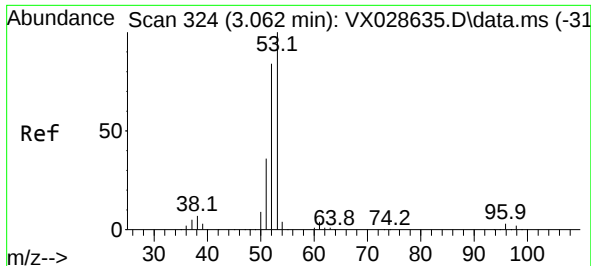
Tgt Ion: 56 Resp: 9037
Ion Ratio Lower Upper
56 100
55 2137.8 55.0 82.6#



#14
Allyl chloride
Concen: 6.903 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.055 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 41 Resp: 27561
Ion Ratio Lower Upper
41 100
39 49.0 50.4 75.6#
76 0.0 32.7 49.1#





#15

Acrylonitrile

Concen: 16.471 ug/l

RT: 3.099 min Scan# 31

Delta R.T. 0.037 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

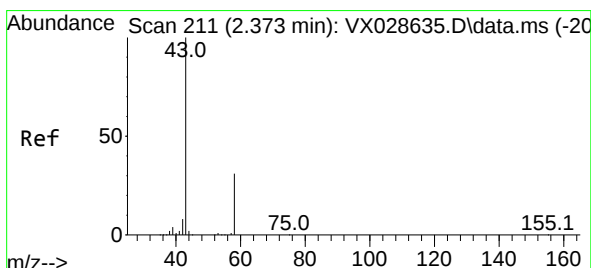
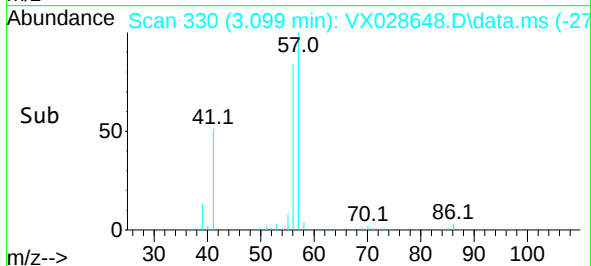
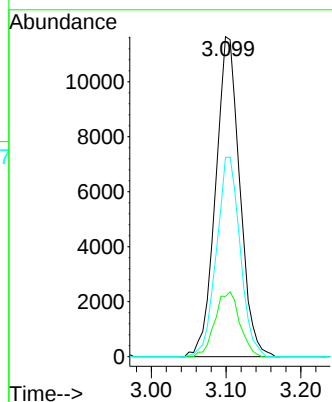
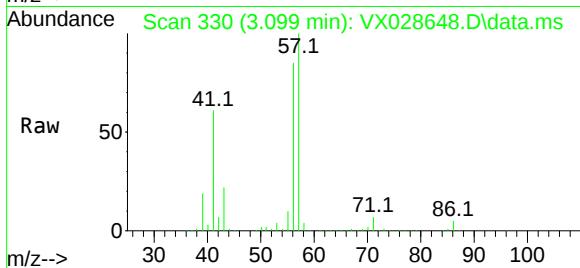
Tgt Ion: 53 Resp: 26164

Ion Ratio Lower Upper

53 100

52 20.8 65.7 98.5#

51 61.0 28.4 42.6#



#16

Acetone

Concen: 41.506 ug/l

RT: 2.337 min Scan# 205

Delta R.T. -0.036 min

Lab File: VX028648.D

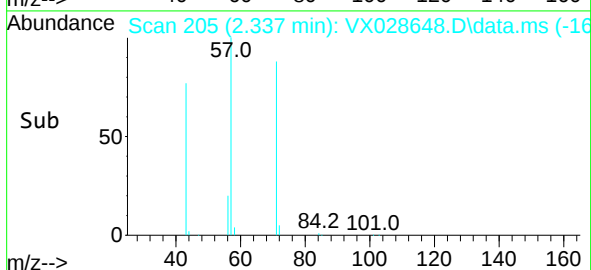
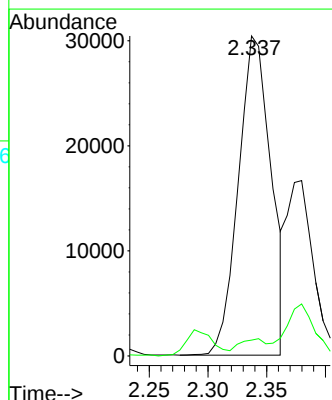
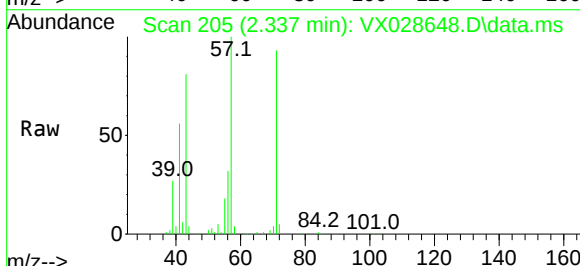
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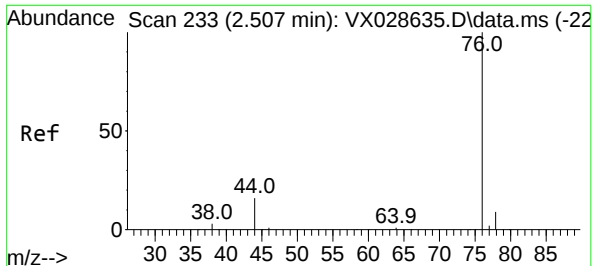
Tgt Ion: 43 Resp: 58729

Ion Ratio Lower Upper

43 100

58 3.1 28.8 43.2#

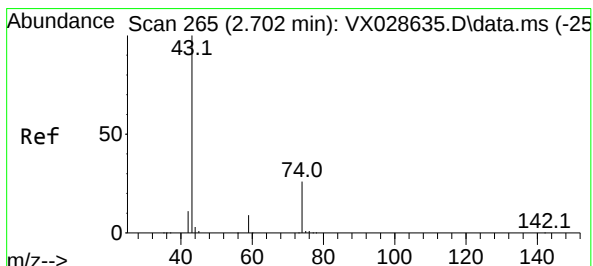
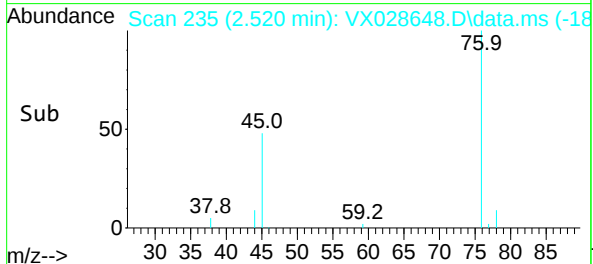
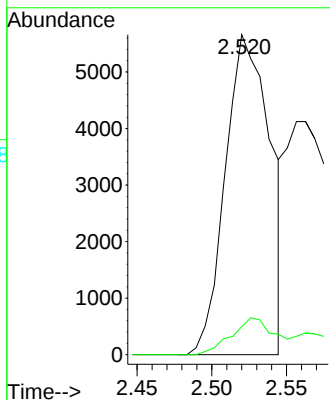
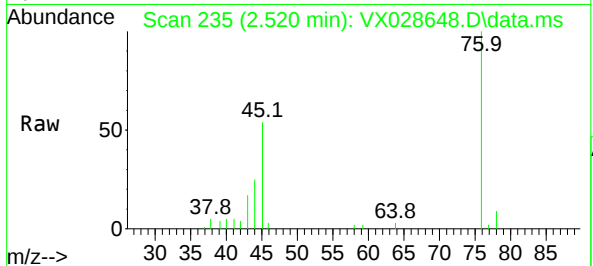




#17
Carbon Disulfide
Concen: 1.836 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.013 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

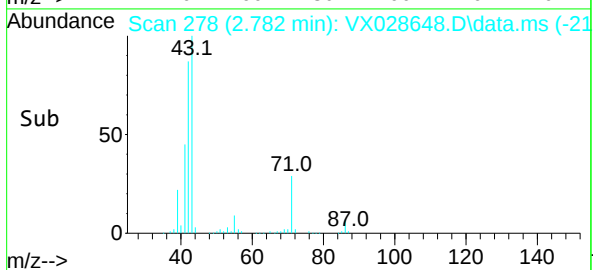
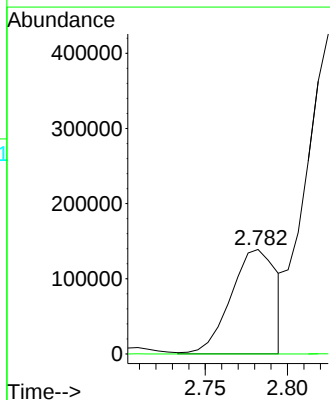
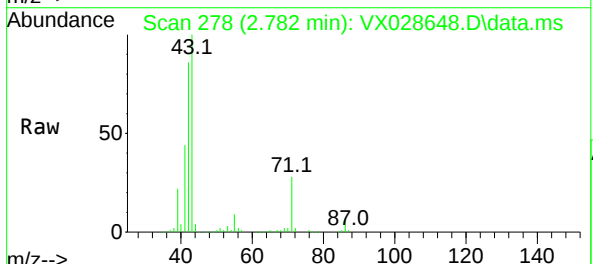
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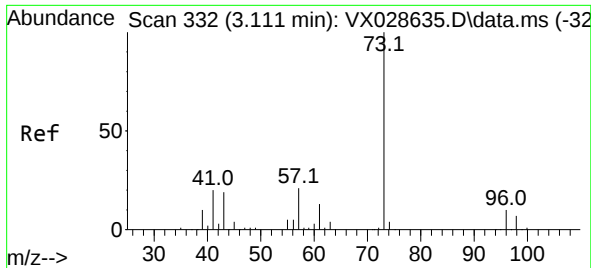
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Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8



#18
Methyl Acetate
Concen: 75.599 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.080 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 43 Resp: 267913
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#

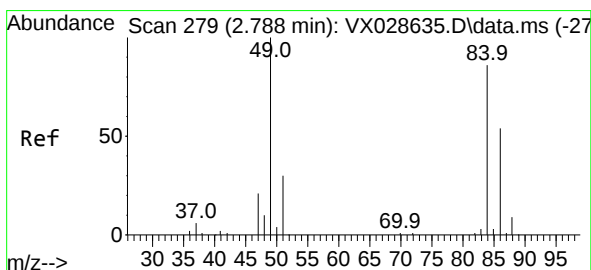
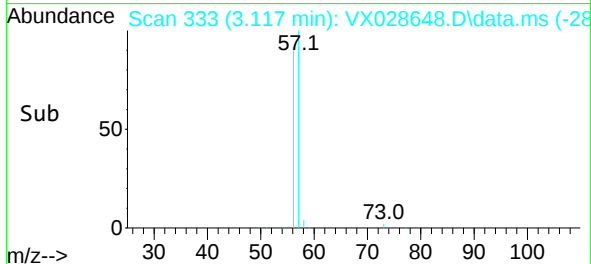
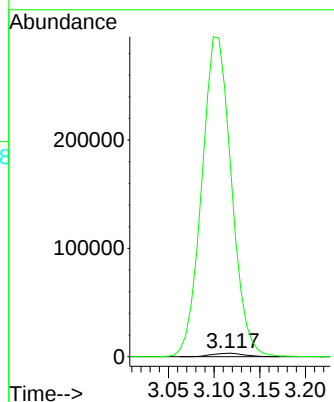
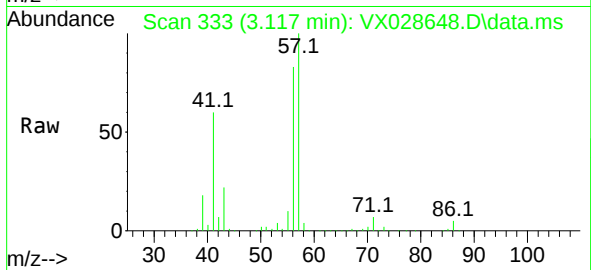




#19
Methyl tert-butyl Ether
Concen: 0.877 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

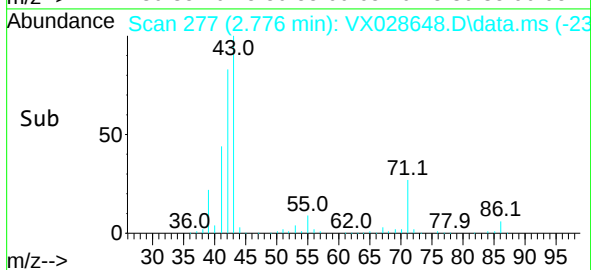
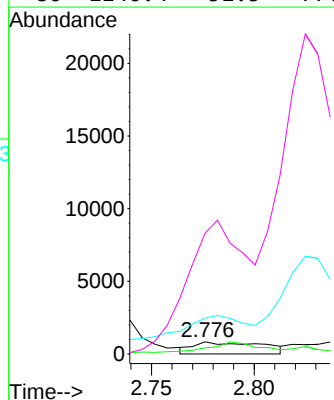
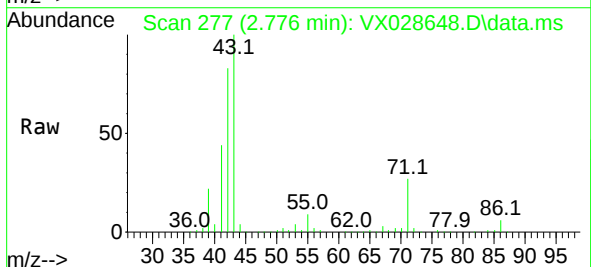
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

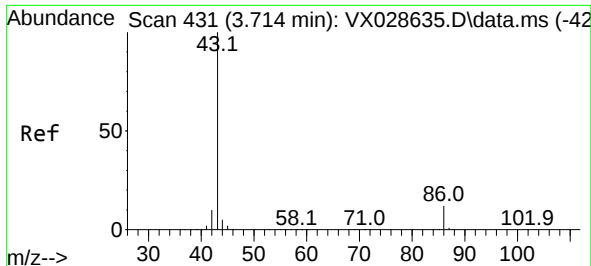
Tgt Ion: 73 Resp: 7751
Ion Ratio Lower Upper
73 100
57 5522.3 16.8 25.2#



#20
Methylene Chloride
Concen: 0.647 ug/l
RT: 2.776 min Scan# 277
Delta R.T. -0.012 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 84 Resp: 1922
Ion Ratio Lower Upper
84 100
49 60.6 85.5 128.3#
51 235.1 26.6 39.8#
86 1146.4 51.5 77.3#

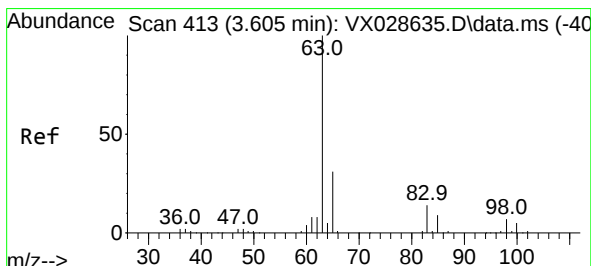
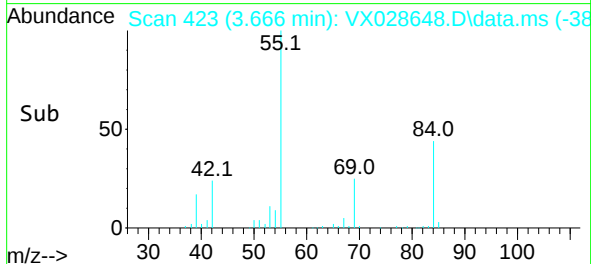
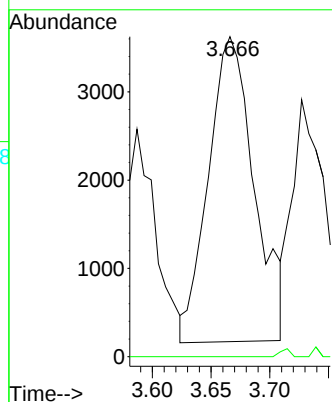
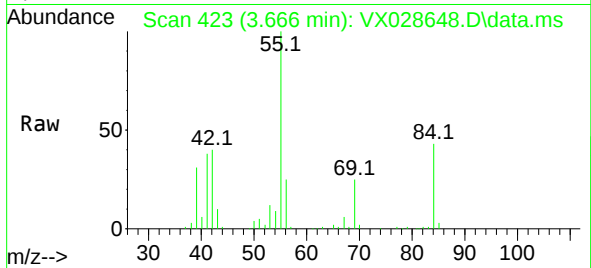




#23
 Vinyl Acetate
 Concen: 1.280 ug/l
 RT: 3.666 min Scan# 411
 Delta R.T. -0.048 min
 Lab File: VX028648.D
 Acq: 12 May 2022 19:12

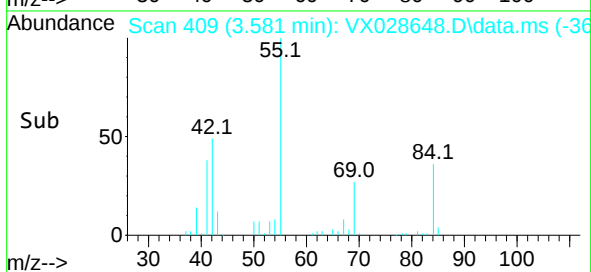
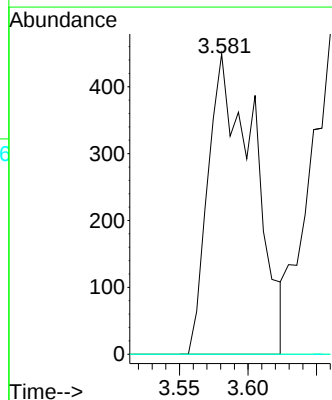
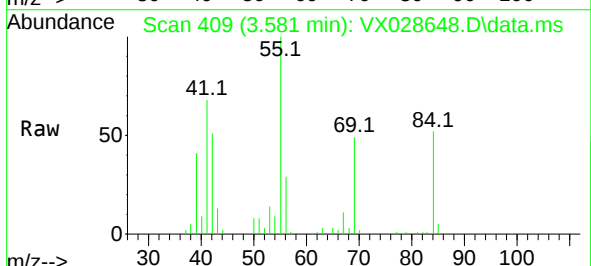
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

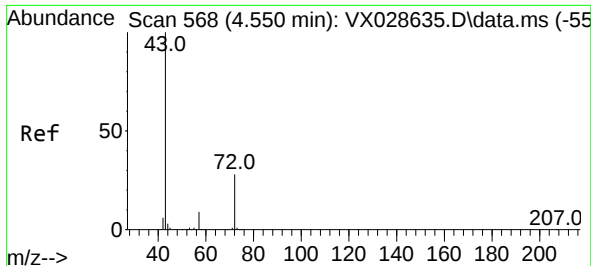
Tgt Ion: 43 Resp: 9412
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#24
 1,1-Dichloroethane
 Concen: 0.210 ug/l
 RT: 3.581 min Scan# 409
 Delta R.T. -0.024 min
 Lab File: VX028648.D
 Acq: 12 May 2022 19:12

Tgt Ion: 63 Resp: 1044
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.4 7.2#

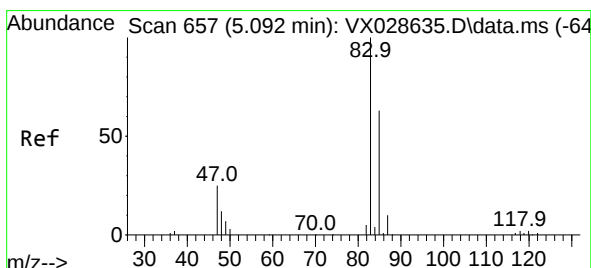
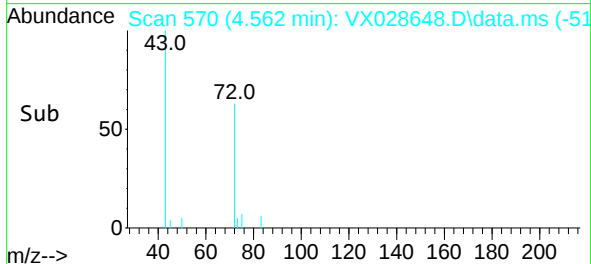
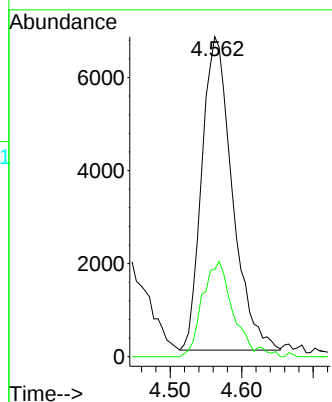
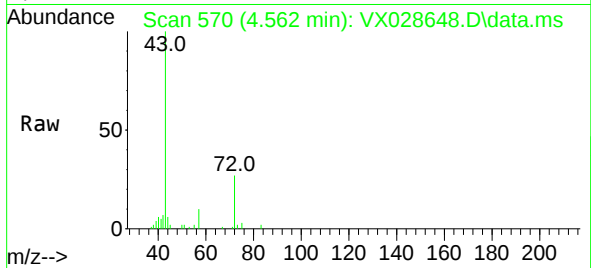




#25
2-Butanone
Concen: 8.982 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

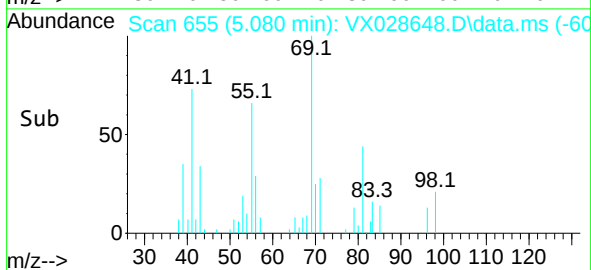
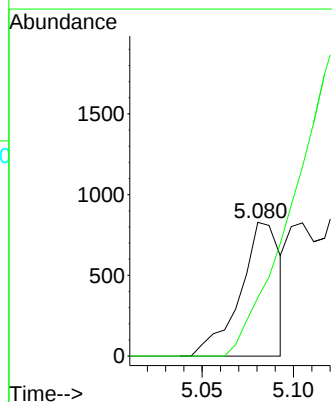
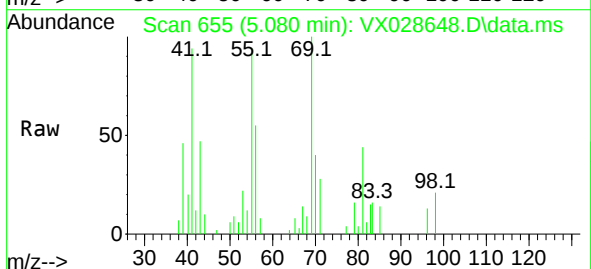
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

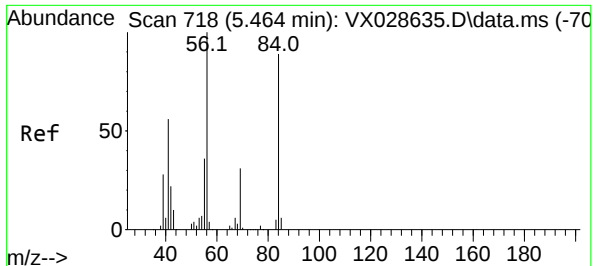
Tgt Ion: 43 Resp: 19950
Ion Ratio Lower Upper
43 100
72 27.9 24.4 36.6



#30
Chloroform
Concen: 0.234 ug/l
RT: 5.080 min Scan# 655
Delta R.T. -0.012 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 83 Resp: 1255
Ion Ratio Lower Upper
83 100
85 43.7 52.7 79.1#

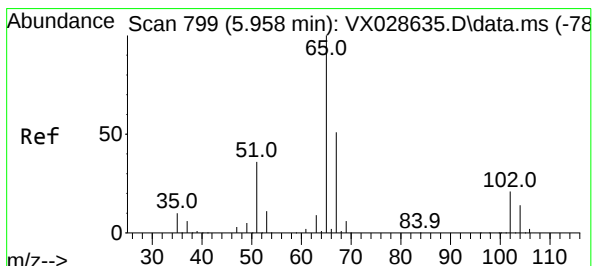
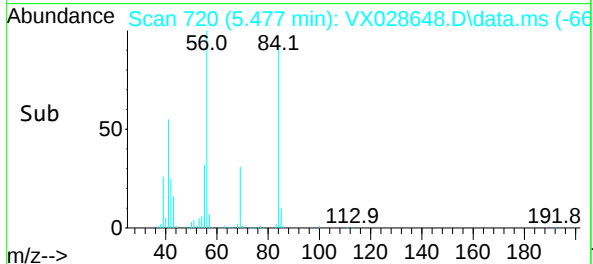
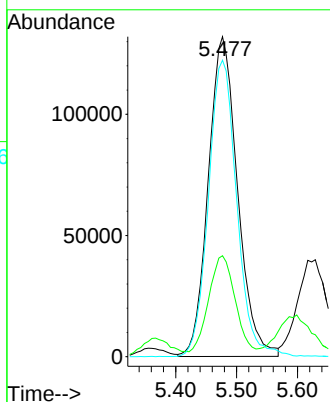
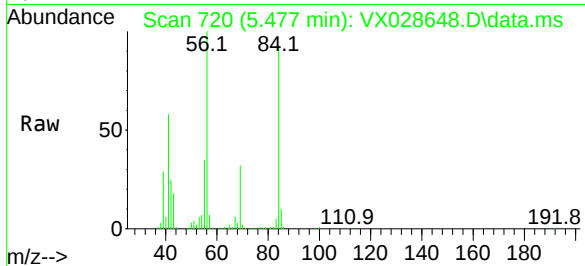




#31
Cyclohexane
Concen: 96.418 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.013 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

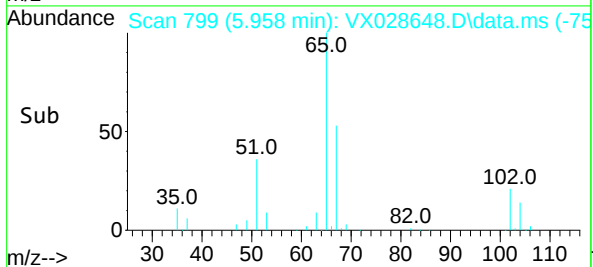
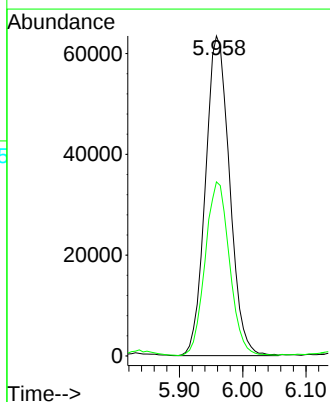
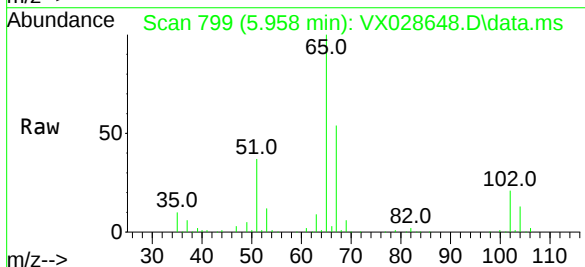
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

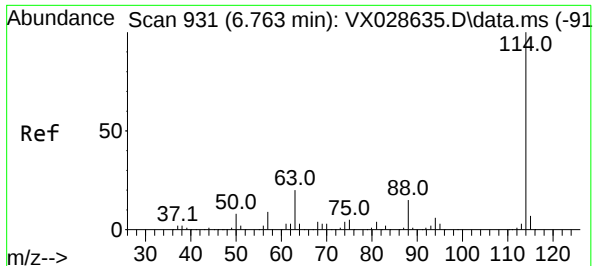
Tgt Ion: 56 Resp: 441233
Ion Ratio Lower Upper
56 100
69 29.4 26.7 40.1
84 93.2 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.024 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 65 Resp: 168221
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.4

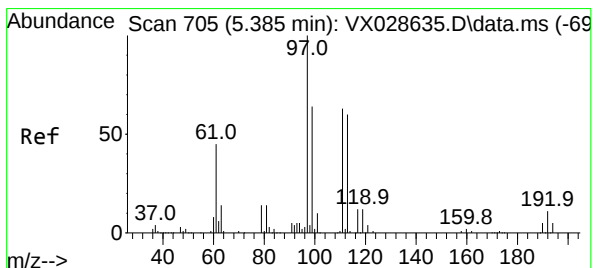
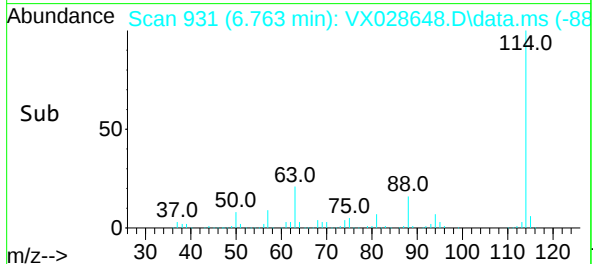
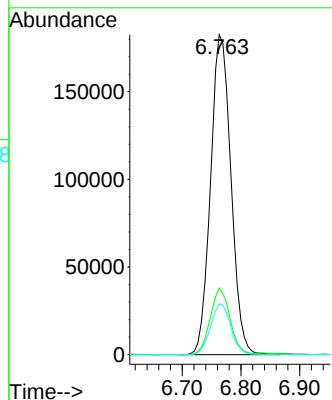
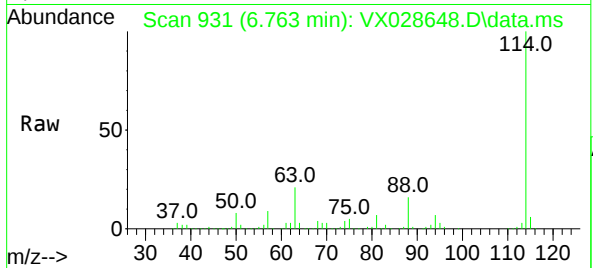




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

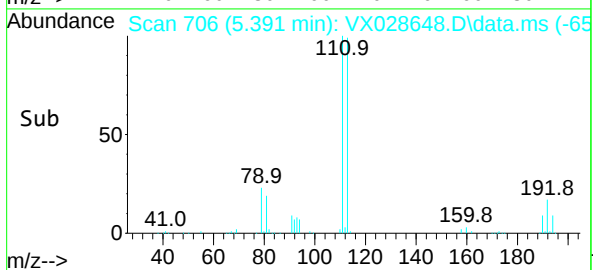
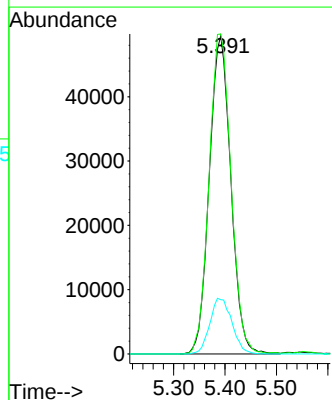
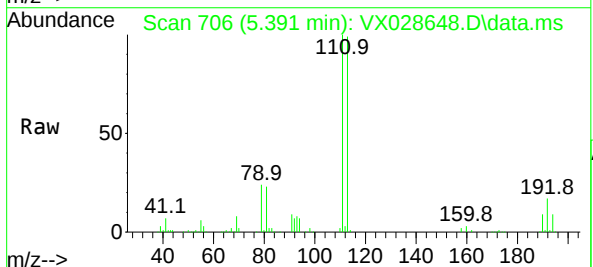
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

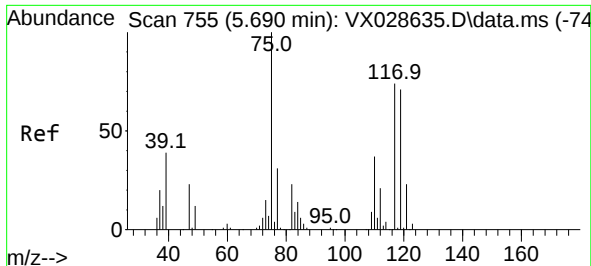
Tgt Ion:114 Resp: 440695
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.8
88 15.9 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.849 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion:113 Resp: 143932
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 17.9 16.9 25.3

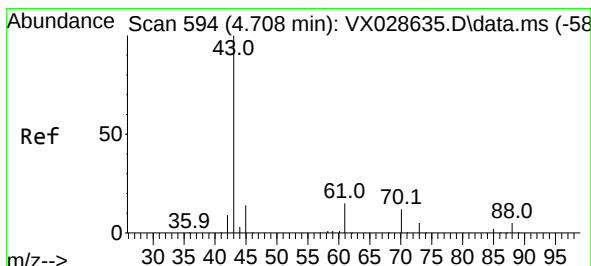
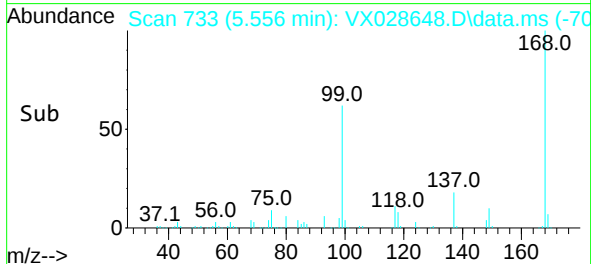
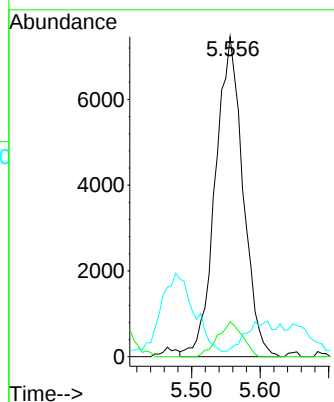
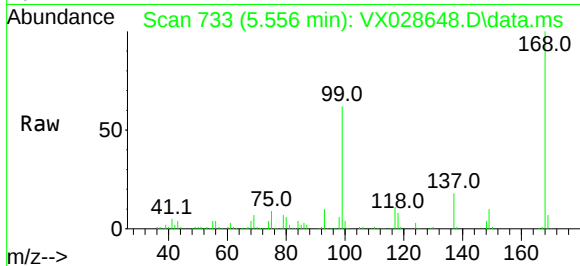




#36
1,1-Dichloropropene
Concen: 4.819 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.134 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

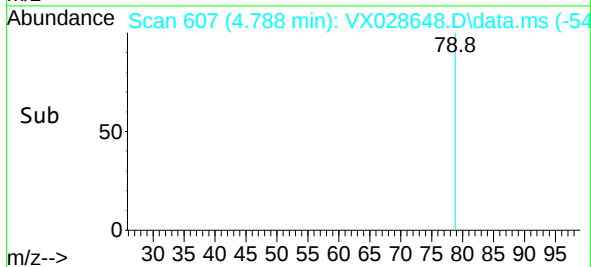
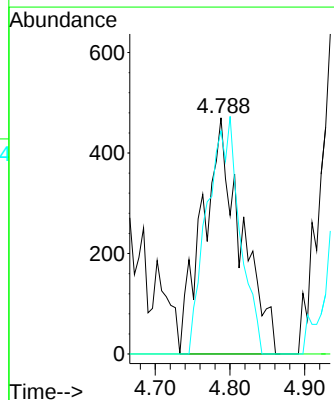
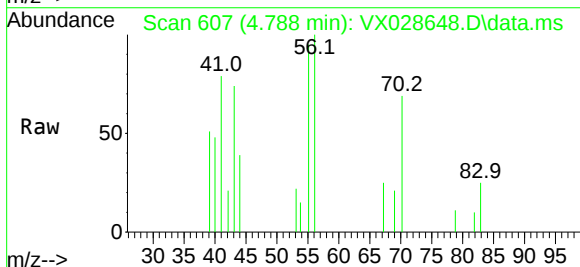
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

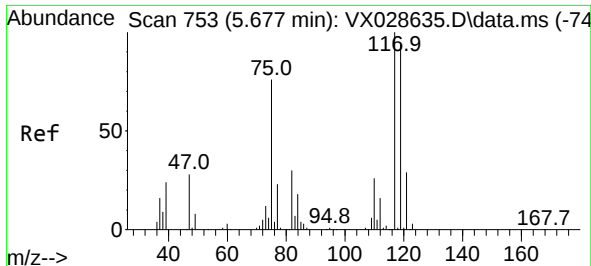
Tgt Ion: 75 Resp: 20899
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.375 ug/l
RT: 4.788 min Scan# 607
Delta R.T. 0.080 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

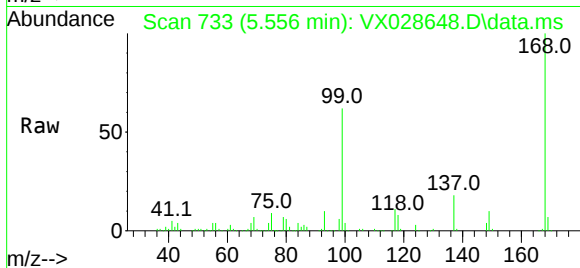
Tgt Ion: 43 Resp: 1698
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 84.1 10.2 15.2#



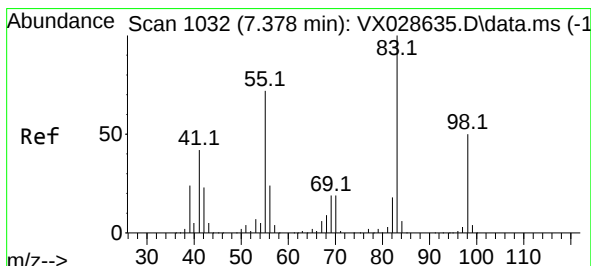
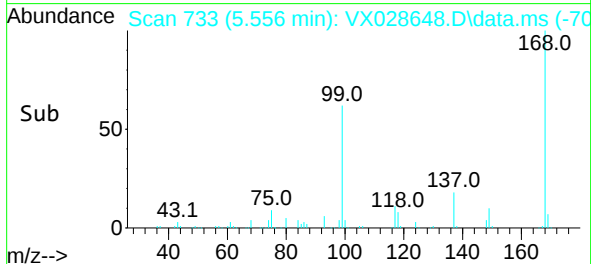
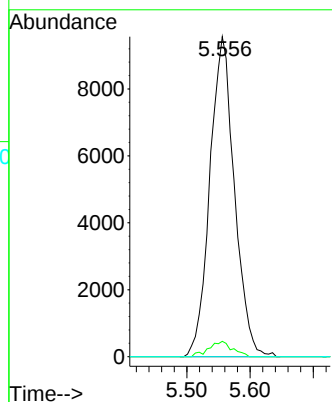


#38
Carbon Tetrachloride
Concen: 5.908 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

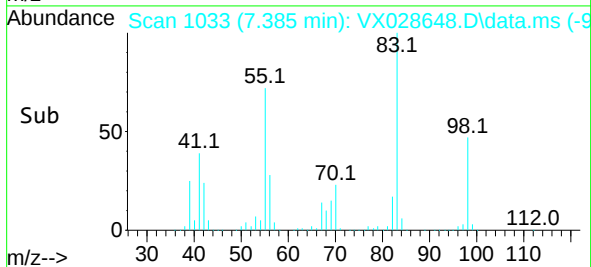
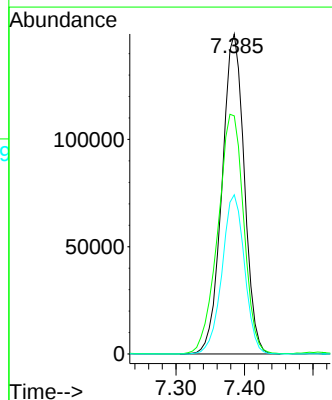
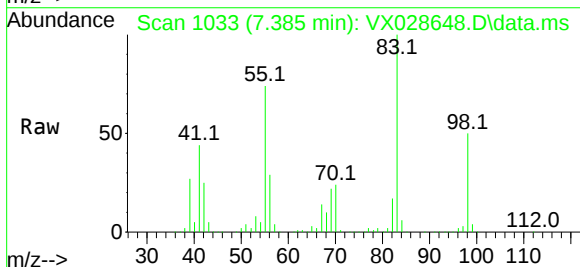


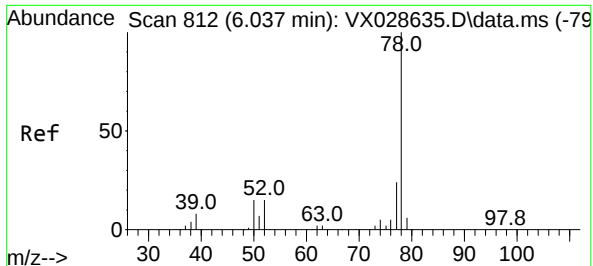
Tgt Ion:117 Resp: 25784
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 67.471 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 83 Resp: 335562
Ion Ratio Lower Upper
83 100
55 74.3 54.6 81.8
98 49.7 37.4 56.2





#40

Benzene

Concen: 28.614 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

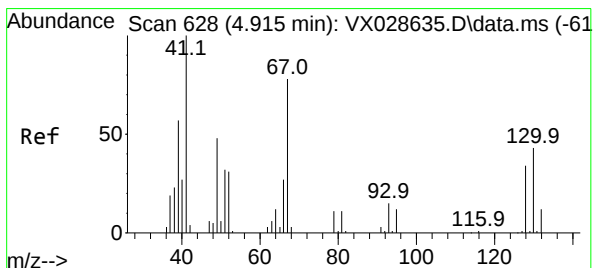
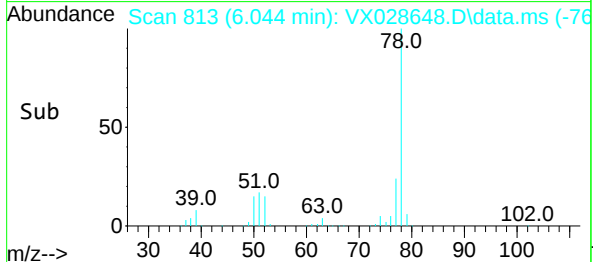
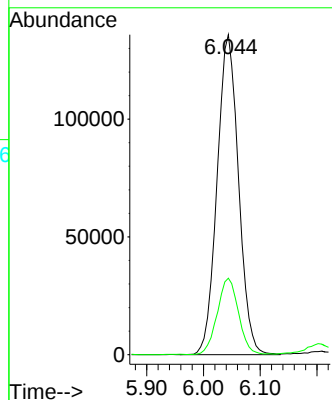
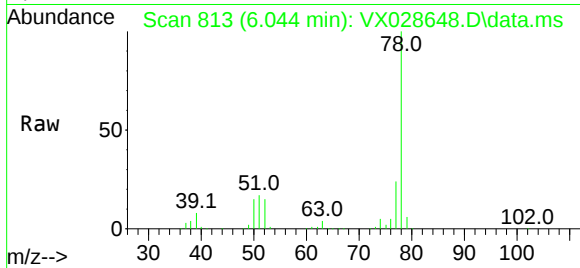
MW-2A

Tgt Ion: 78 Resp: 356640

Ion Ratio Lower Upper

78 100

77 23.8 19.3 28.9



#41

Methacrylonitrile

Concen: 0.331 ug/l

RT: 4.898 min Scan# 625

Delta R.T. -0.017 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Tgt Ion: 41 Resp: 804

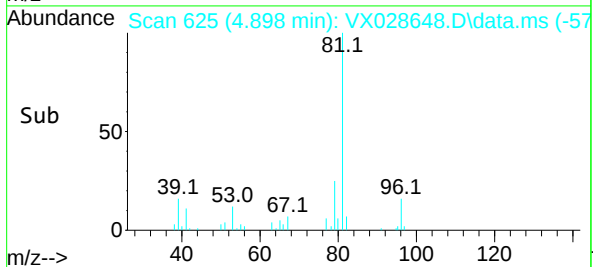
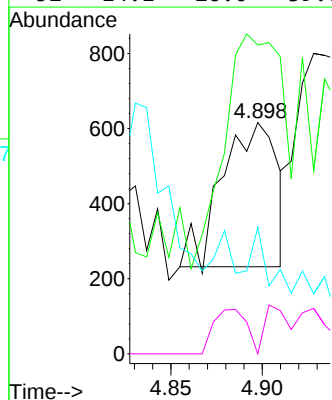
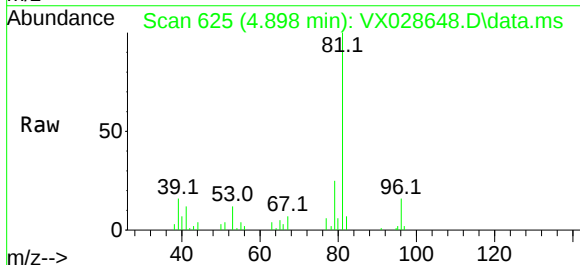
Ion Ratio Lower Upper

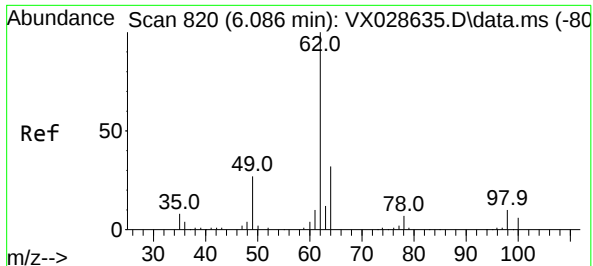
41 100

39 173.0 43.0 64.4#

67 0.0 70.2 105.4#

52 14.1 26.0 39.0#





#42

1,2-Dichloroethane

Concen: 0.755 ug/l

RT: 6.038 min Scan# 81

Delta R.T. -0.048 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

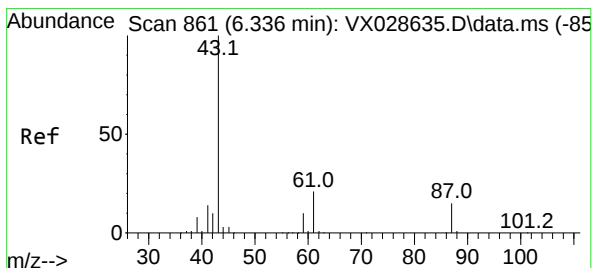
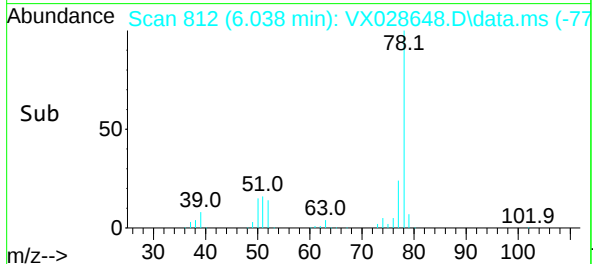
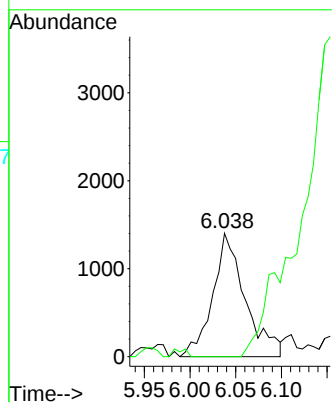
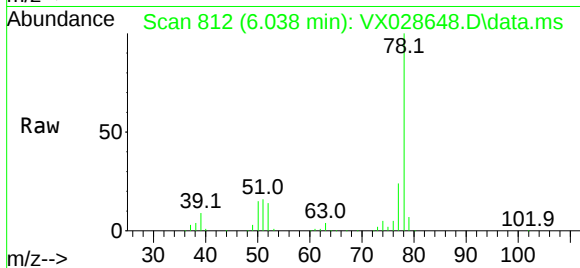
MW-2A

Tgt Ion: 62 Resp: 3472

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#43

Isopropyl Acetate

Concen: 1.421 ug/l

RT: 6.361 min Scan# 865

Delta R.T. 0.025 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

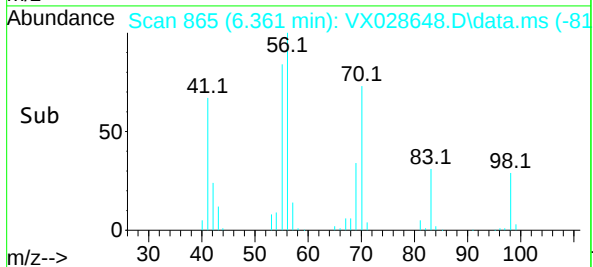
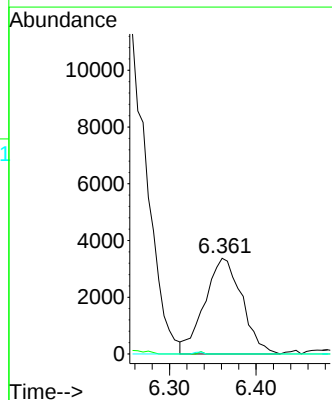
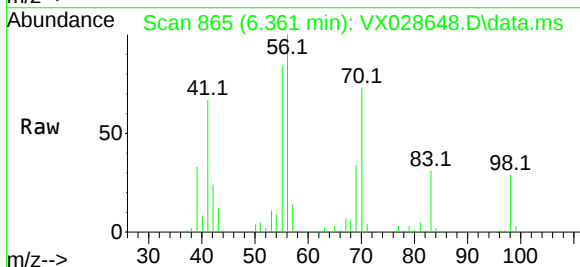
Tgt Ion: 43 Resp: 10067

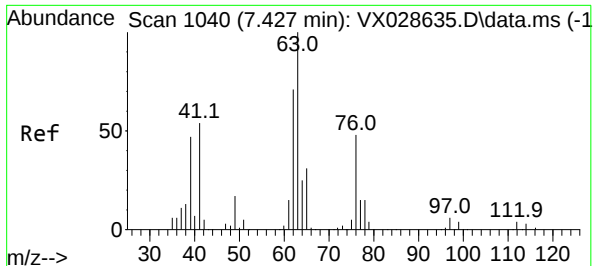
Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#





#45

1,2-Dichloropropane

Concen: 1.595 ug/l

RT: 7.391 min Scan# 1034

Delta R.T. -0.036 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

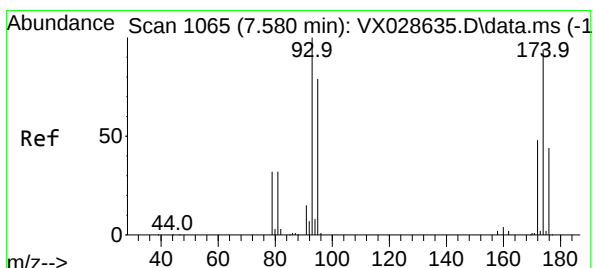
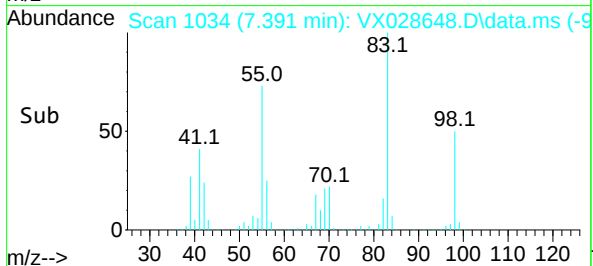
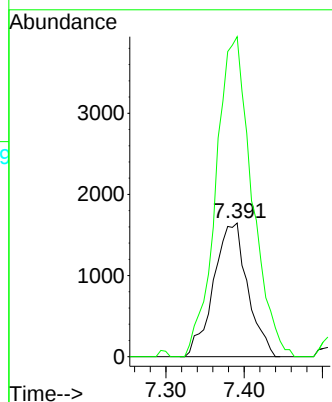
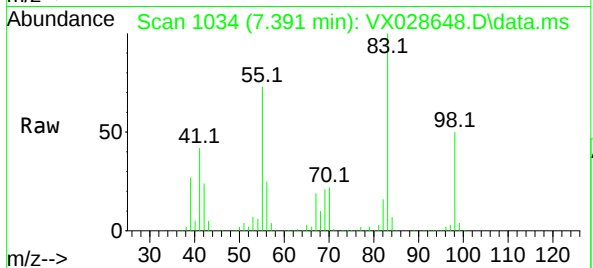
MW-2A

Tgt Ion: 63 Resp: 4959

Ion Ratio Lower Upper

63 100

65 239.5 25.8 38.6#



#46

Dibromomethane

Concen: 0.208 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

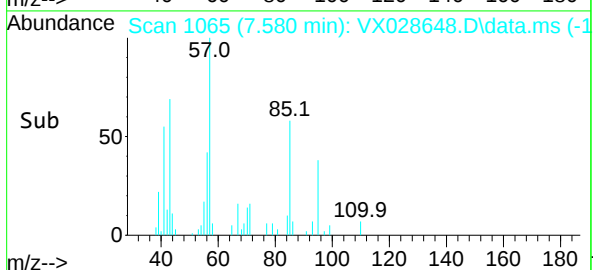
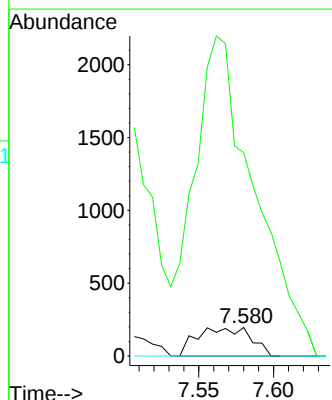
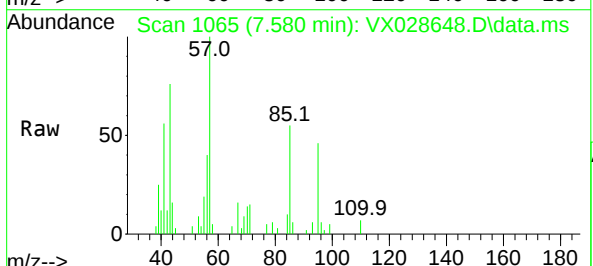
Tgt Ion: 93 Resp: 483

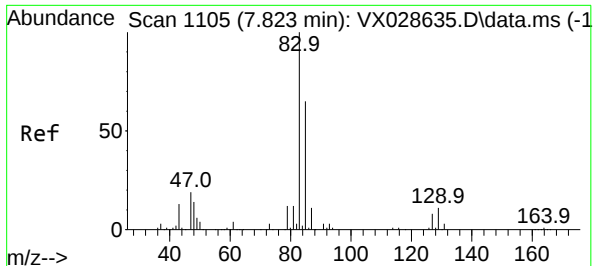
Ion Ratio Lower Upper

93 100

95 1269.4 65.8 98.6#

174 0.0 85.4 128.2#





#47

Bromodichloromethane

Concen: 0.343 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.054 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

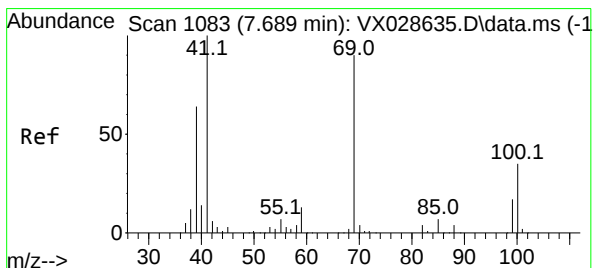
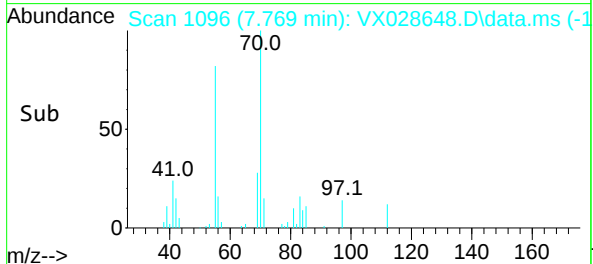
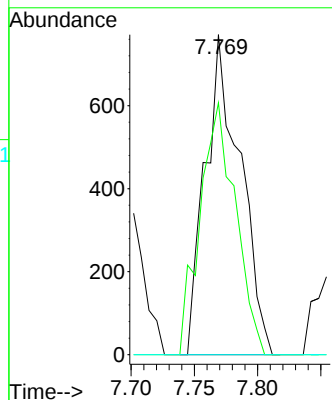
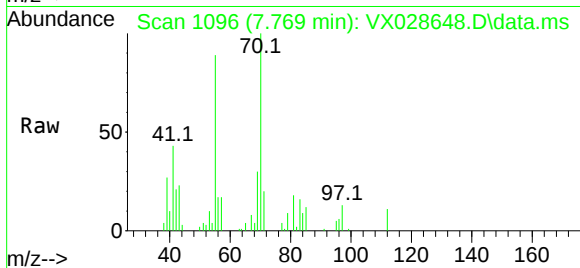
Tgt Ion: 83 Resp: 1481

Ion Ratio Lower Upper

83 100

85 78.7 52.2 78.2#

127 0.0 6.8 10.2#



#48

Methyl methacrylate

Concen: 10.367 ug/l

RT: 7.659 min Scan# 1078

Delta R.T. -0.030 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

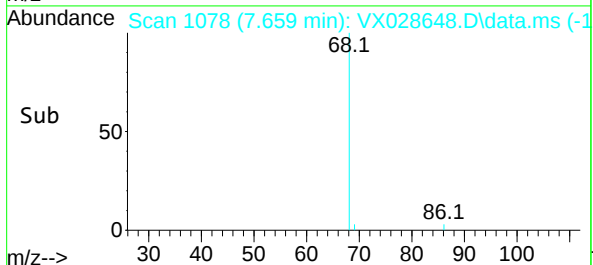
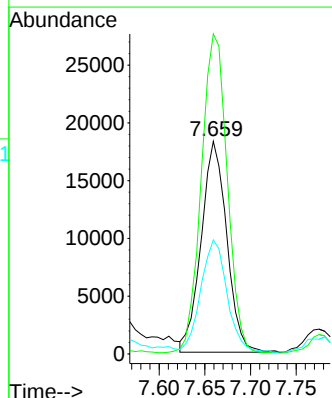
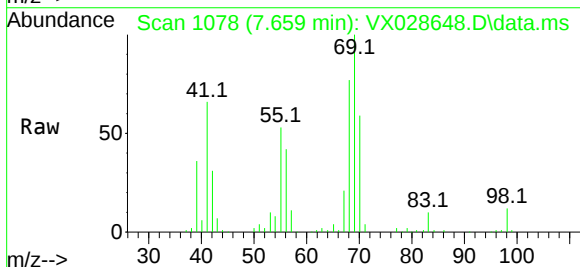
Tgt Ion: 41 Resp: 35488

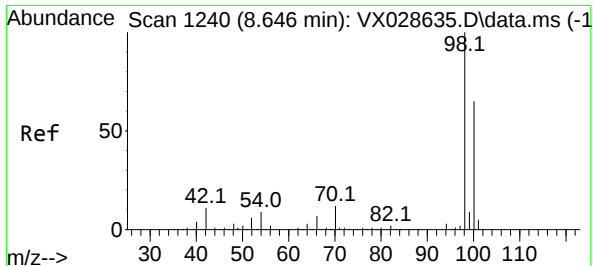
Ion Ratio Lower Upper

41 100

69 153.4 82.5 123.7#

39 55.6 43.8 65.8





#50

Toluene-d8

Concen: 50.419 ug/l

RT: 8.653 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

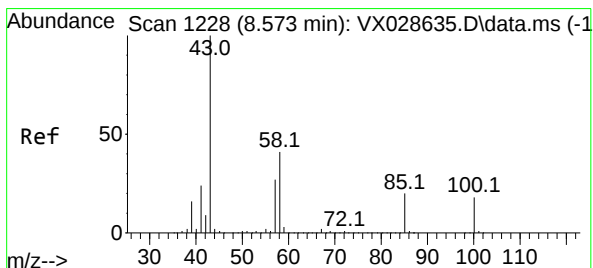
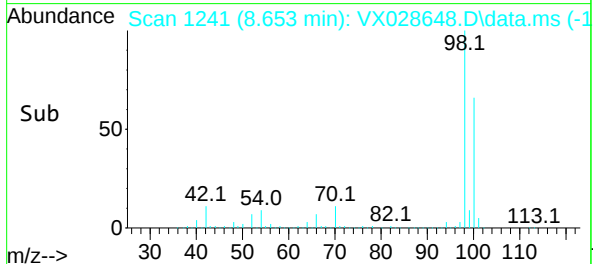
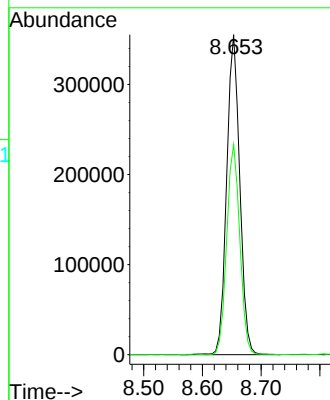
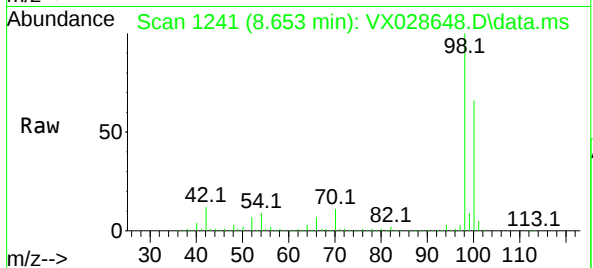
MW-2A

Tgt Ion: 98 Resp: 548859

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8



#51

4-Methyl-2-Pentanone

Concen: 1.400 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. 0.007 min

Lab File: VX028648.D

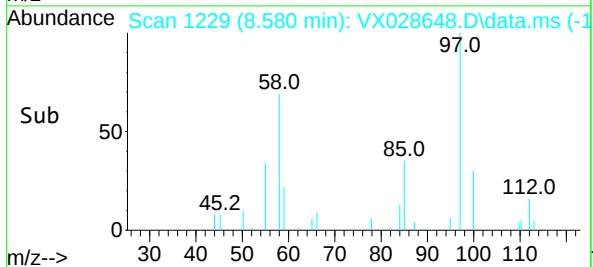
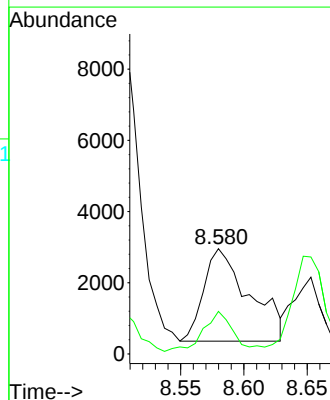
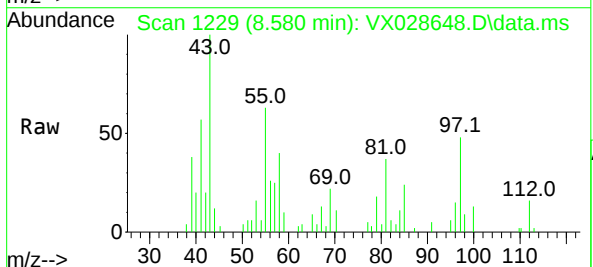
Acq: 12 May 2022 19:12

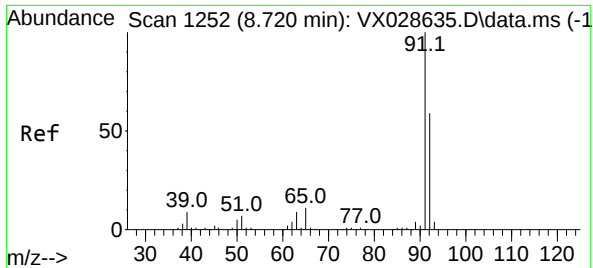
Tgt Ion: 43 Resp: 6537

Ion Ratio Lower Upper

43 100

58 33.9 36.1 54.1#

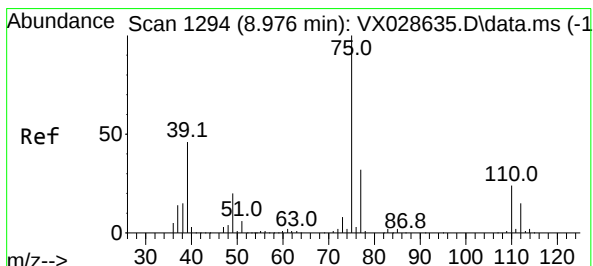
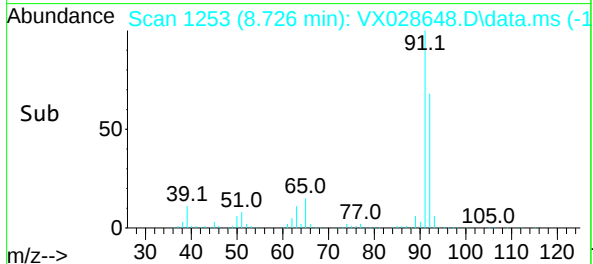
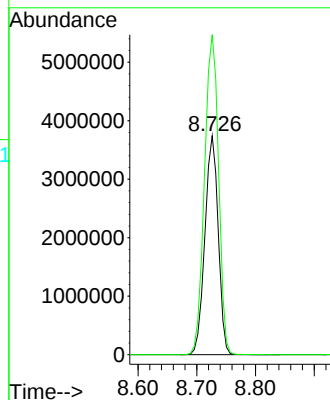
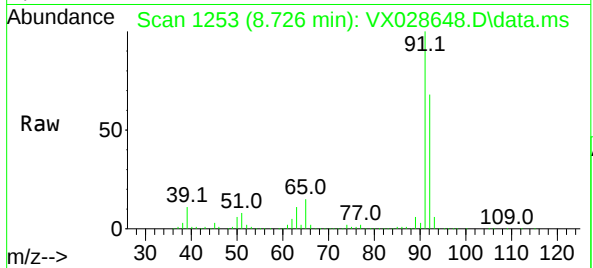




#52
Toluene
Concen: 734.899 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

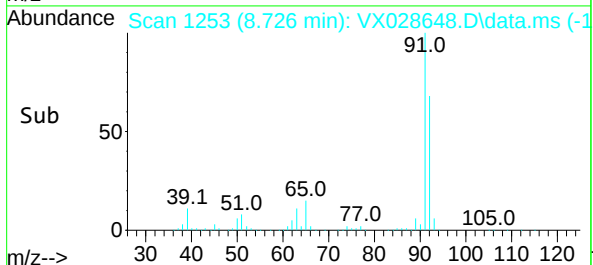
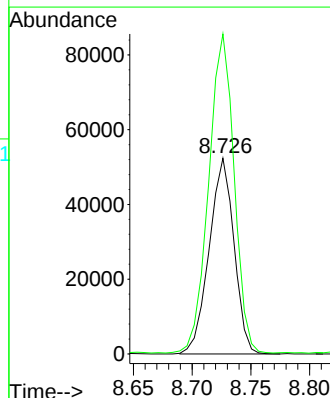
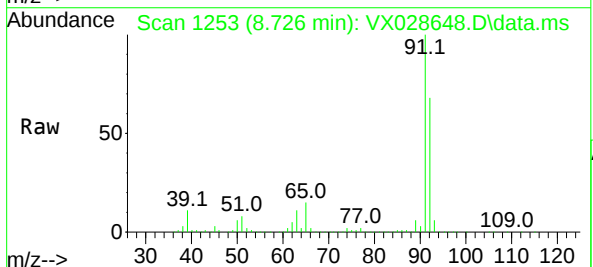
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

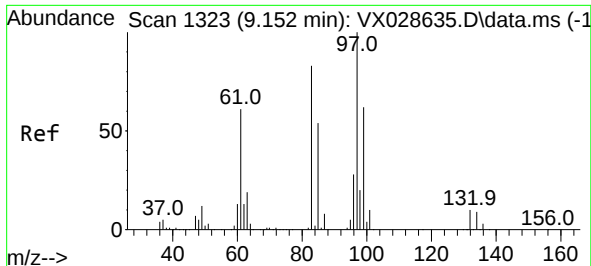
Tgt Ion: 92 Resp: 5892197
Ion Ratio Lower Upper
92 100
91 154.6 137.5 206.3



#53
t-1,3-Dichloropropene
Concen: 16.684 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. -0.250 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 75 Resp: 77193
Ion Ratio Lower Upper
75 100
77 162.9 25.4 38.0#





#55

1,1,2-Trichloroethane

Concen: 6.489 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.048 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

MW-2A

Tgt Ion: 97 Resp: 21214

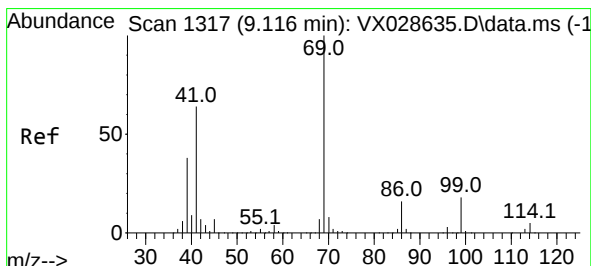
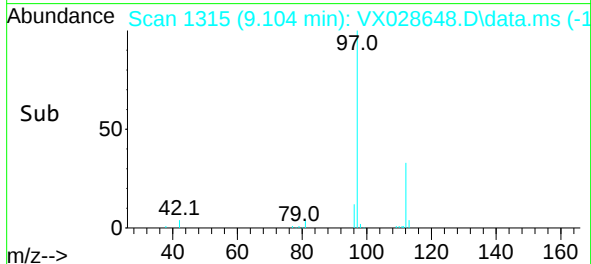
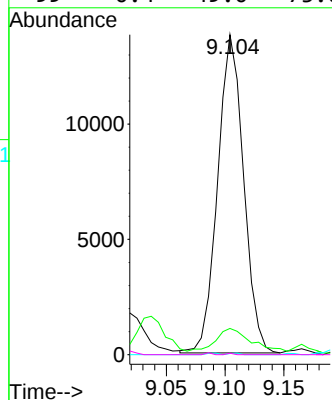
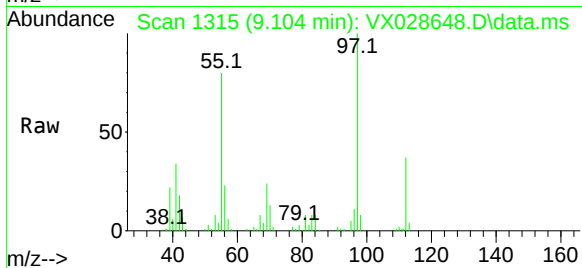
Ion Ratio Lower Upper

97 100

83 6.3 66.2 99.4#

85 0.4 42.9 64.3#

99 0.4 49.0 73.6#



#56

Ethyl methacrylate

Concen: 1.104 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

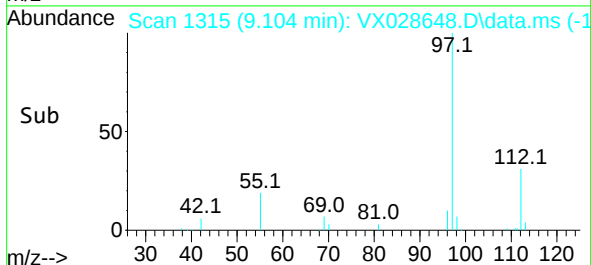
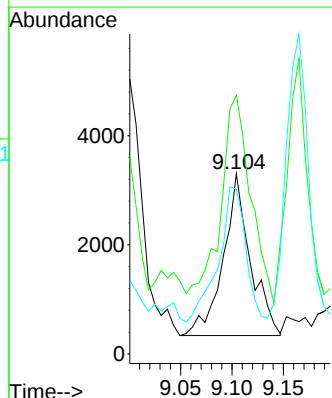
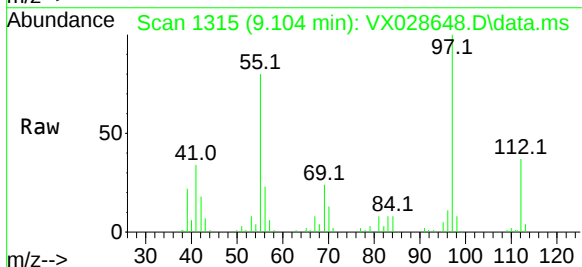
Tgt Ion: 69 Resp: 5465

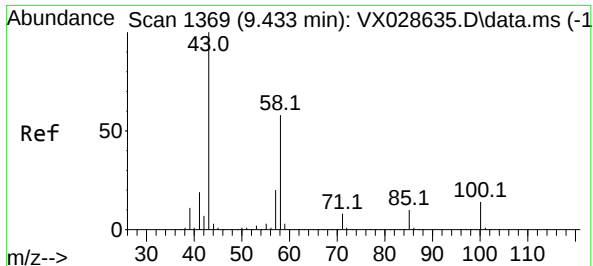
Ion Ratio Lower Upper

69 100

41 139.2 43.8 65.6#

39 84.1 22.2 33.2#





#59

2-Hexanone

Concen: 2.336 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

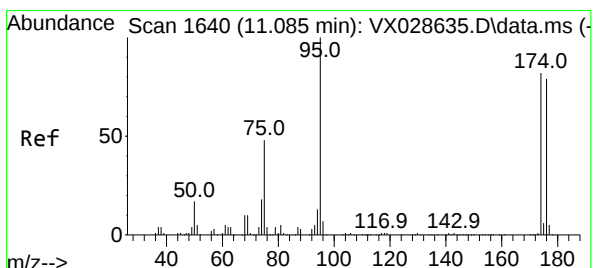
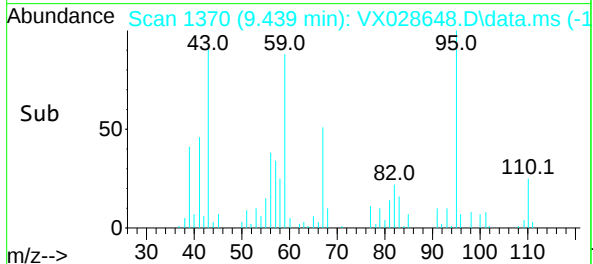
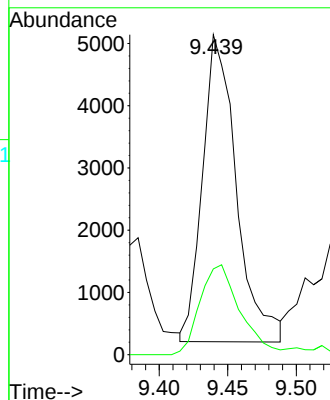
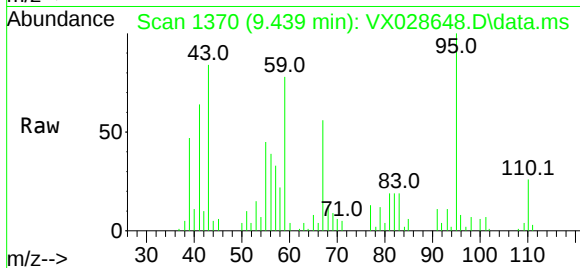
MW-2A

Tgt Ion: 43 Resp: 8473

Ion Ratio Lower Upper

43 100

58 34.5 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 57.474 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

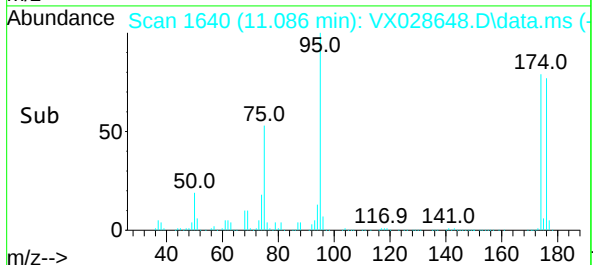
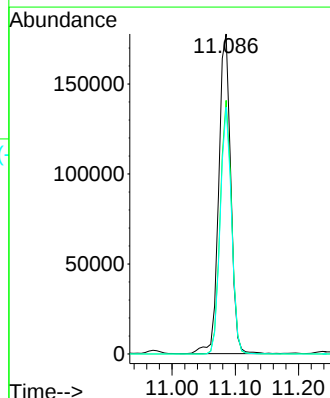
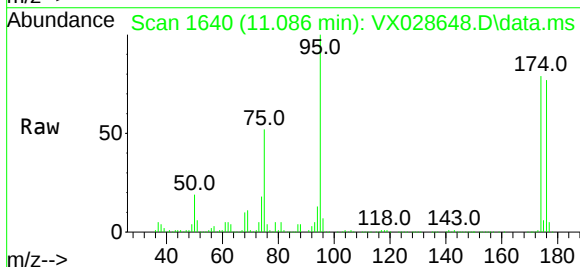
Tgt Ion: 95 Resp: 233689

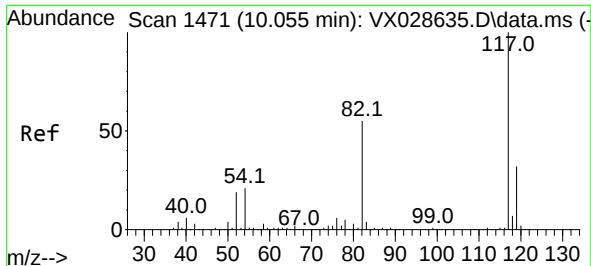
Ion Ratio Lower Upper

95 100

174 74.6 0.0 163.0

176 71.9 0.0 155.0

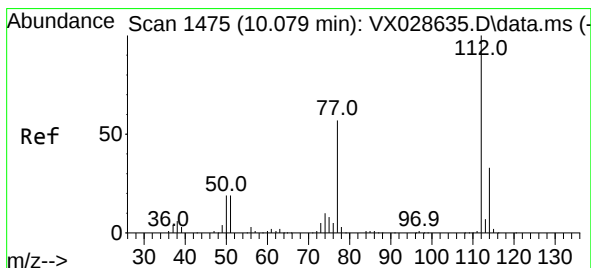
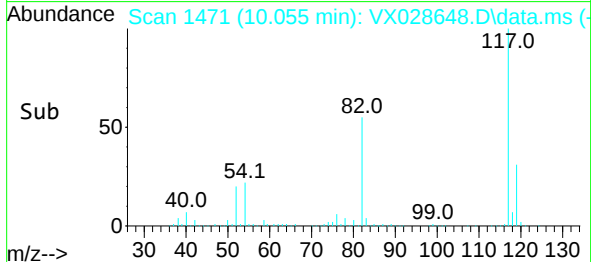
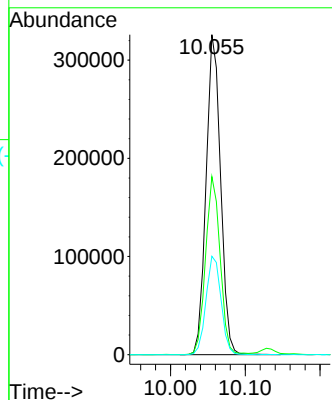
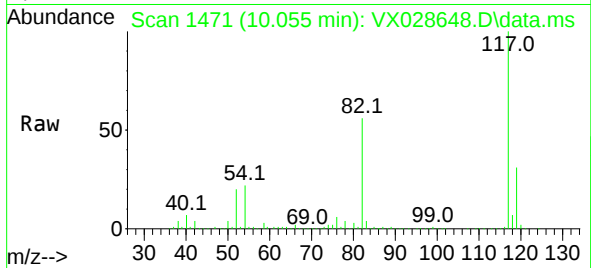




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

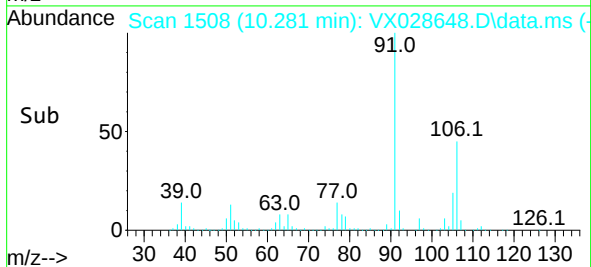
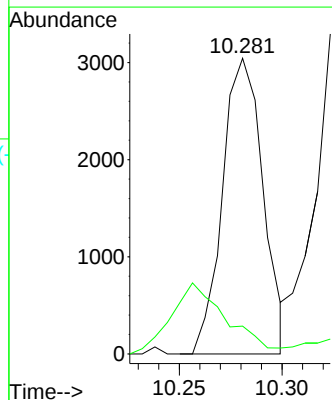
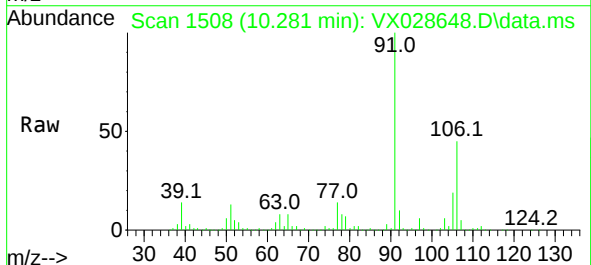
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

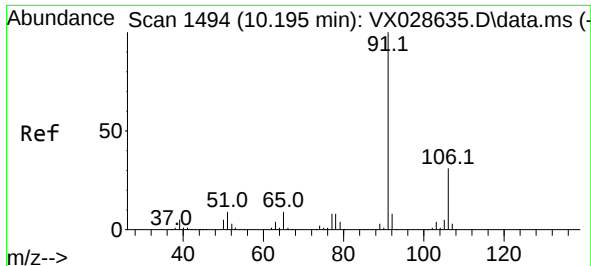
Tgt Ion:117 Resp: 439451
Ion Ratio Lower Upper
117 100
82 55.6 41.8 62.8
119 30.8 24.8 37.2



#65
Chlorobenzene
Concen: 0.449 ug/l
RT: 10.281 min Scan# 1508
Delta R.T. 0.202 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion:112 Resp: 4185
Ion Ratio Lower Upper
112 100
114 7.4 25.8 38.8#





#67

Ethyl Benzene

Concen: 690.878 ug/l

RT: 10.202 min Scan# 1494

Delta R.T. 0.007 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

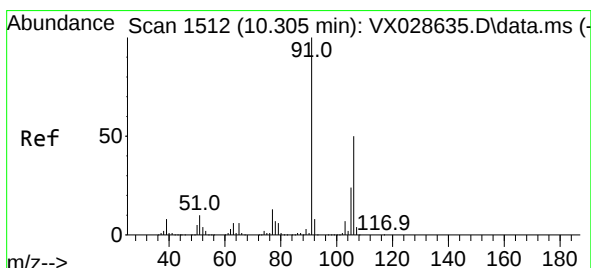
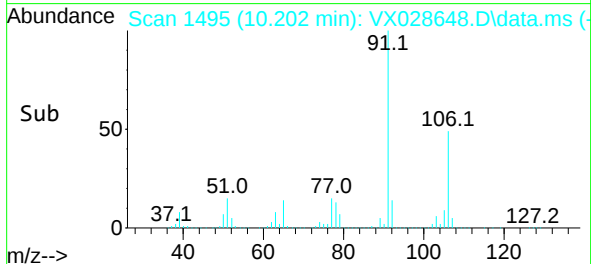
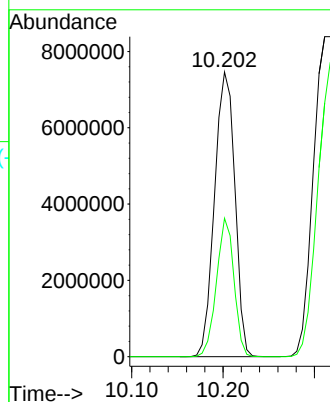
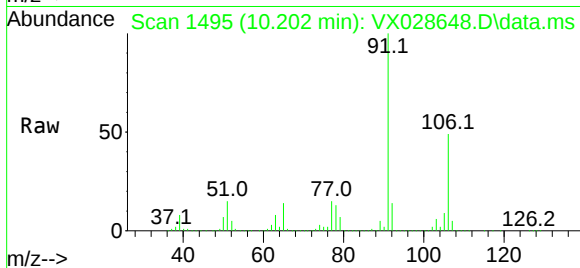
MW-2A

Tgt Ion: 91 Resp:11544547

Ion Ratio Lower Upper

91 100

106 48.6 24.6 36.8#



#68

m/p-Xylenes

Concen: 2453.166 ug/l

RT: 10.323 min Scan# 1515

Delta R.T. 0.018 min

Lab File: VX028648.D

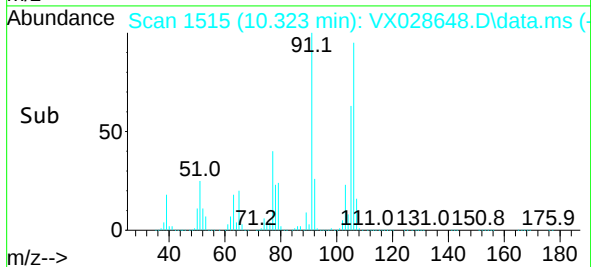
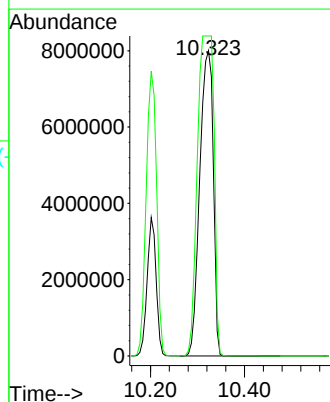
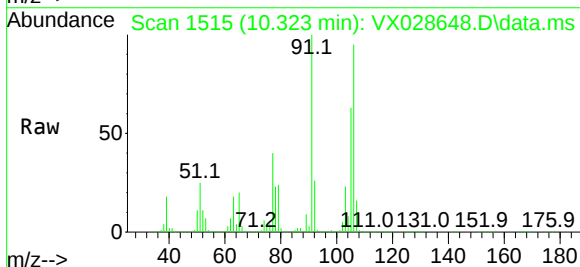
Acq: 12 May 2022 19:12

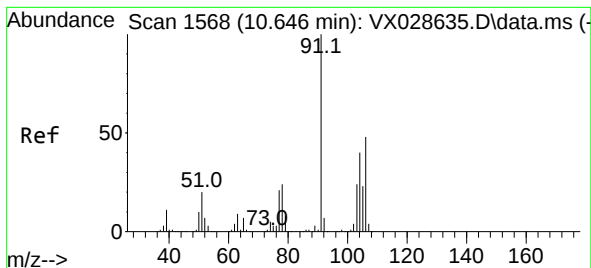
Tgt Ion:106 Resp:15959399

Ion Ratio Lower Upper

106 100

91 129.6 160.4 240.6#





#69

o-Xylene

Concen: 1110.242 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.007 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

Instrument :

MSVOA_X

ClientSampleId :

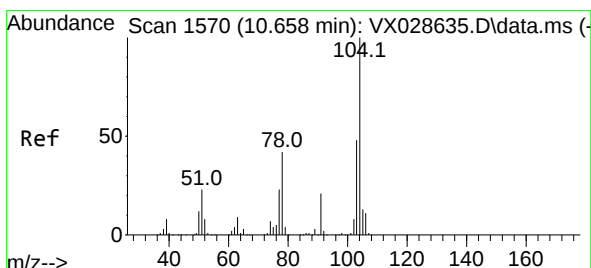
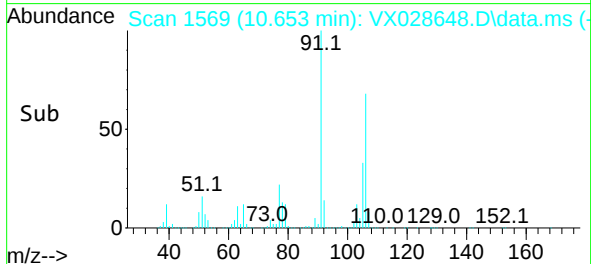
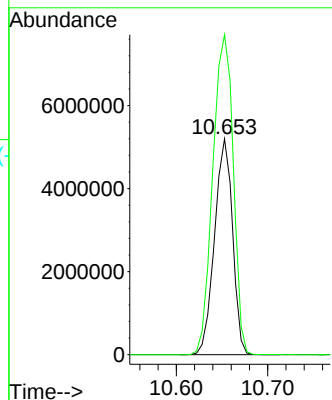
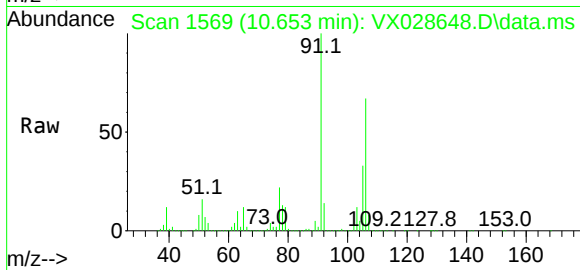
MW-2A

Tgt Ion:106 Resp: 7111264

Ion Ratio Lower Upper

106 100

91 168.4 106.1 318.1



#70

Styrene

Concen: 49.316 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.005 min

Lab File: VX028648.D

Acq: 12 May 2022 19:12

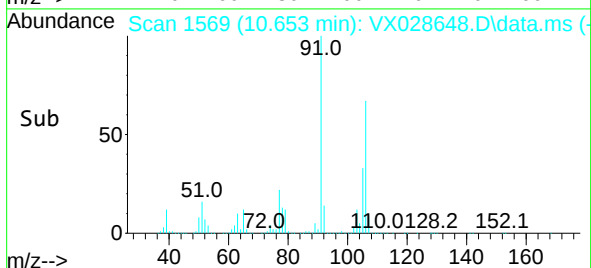
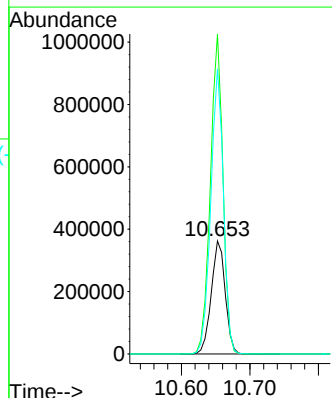
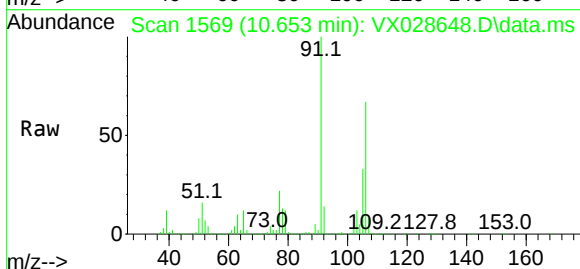
Tgt Ion:104 Resp: 512963

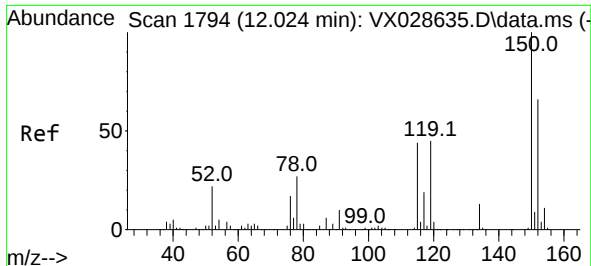
Ion Ratio Lower Upper

104 100

78 255.0 38.6 57.8#

103 228.9 43.8 65.8#

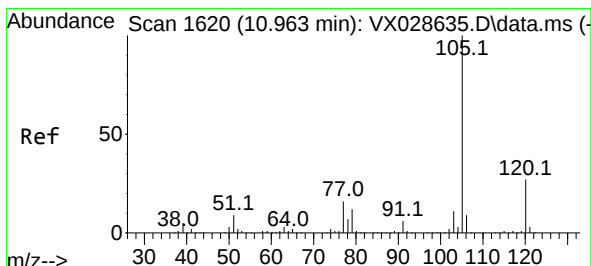
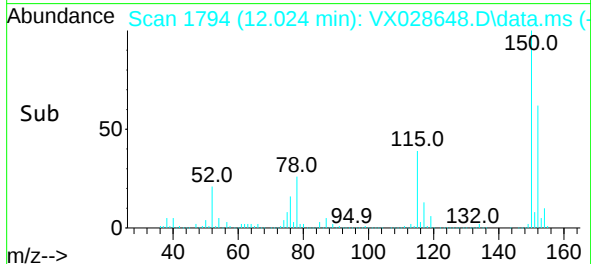
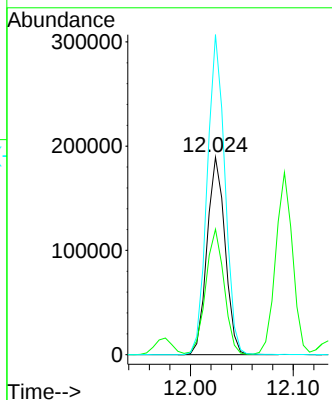
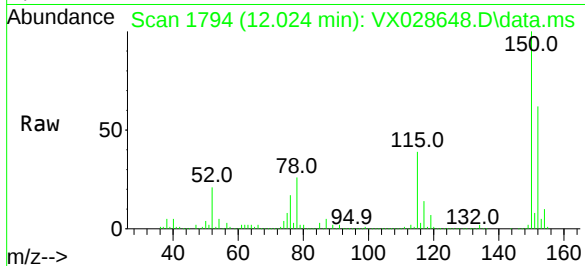




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

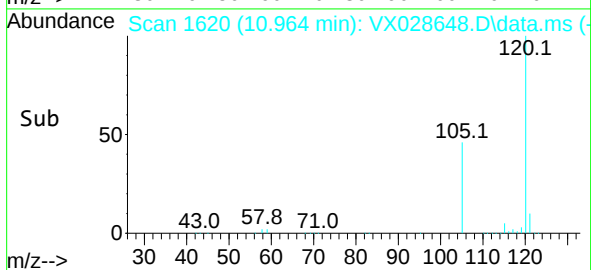
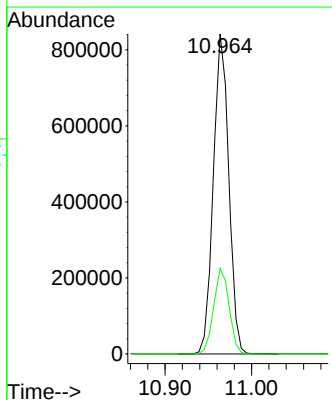
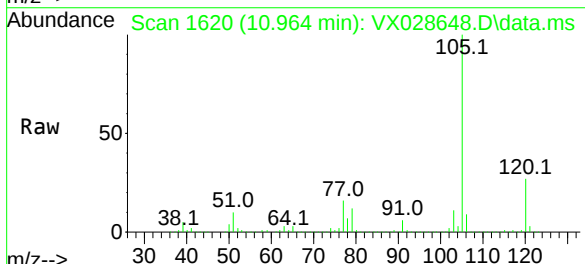
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

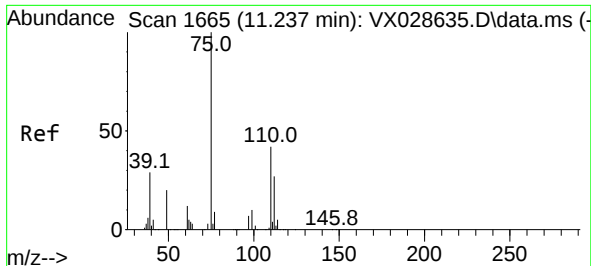
Tgt Ion:152 Resp: 231045
Ion Ratio Lower Upper
152 100
115 64.2 37.5 112.7
150 158.6 0.0 338.2



#73
Isopropylbenzene
Concen: 59.389 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion:105 Resp: 1040577
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.5

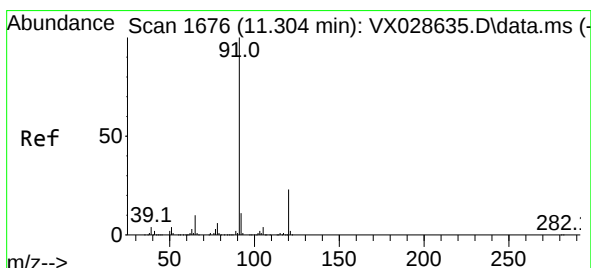
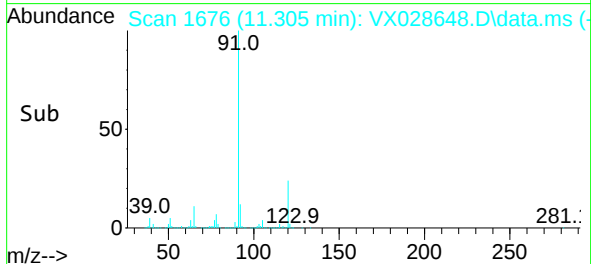
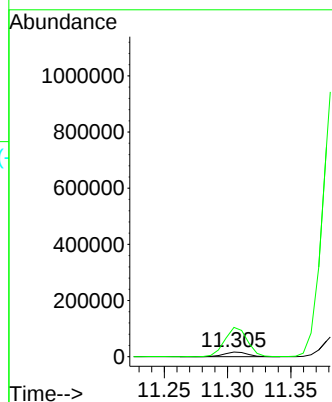
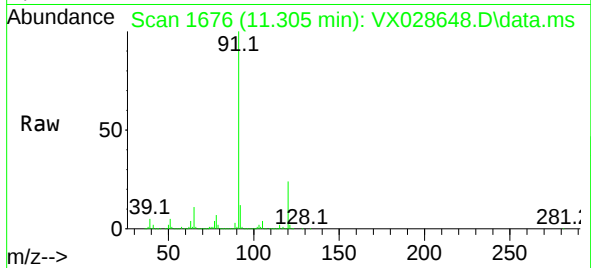




#76
1,2,3-Trichloropropane
Concen: 3.879 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.068 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

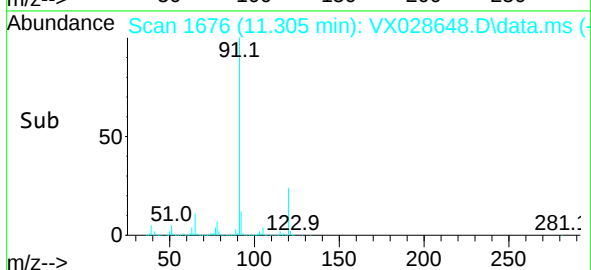
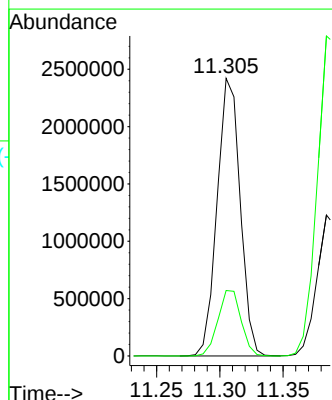
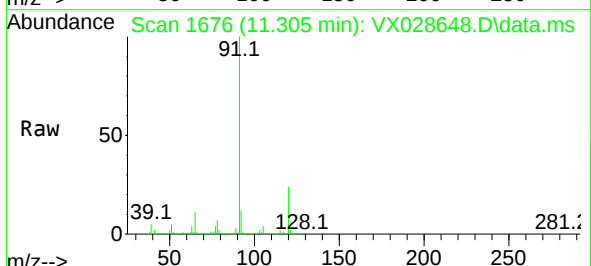
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

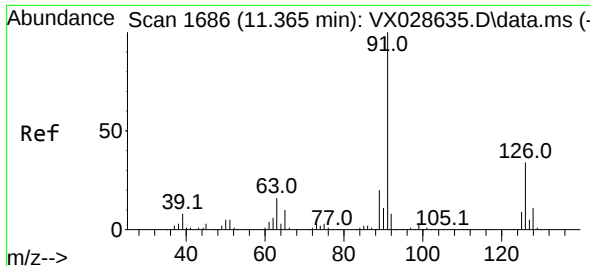
Tgt Ion: 75 Resp: 20990
Ion Ratio Lower Upper
75 100
77 614.0 19.4 58.2#



#78
n-propylbenzene
Concen: 151.181 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 91 Resp: 3064031
Ion Ratio Lower Upper
91 100
120 23.7 11.6 34.8

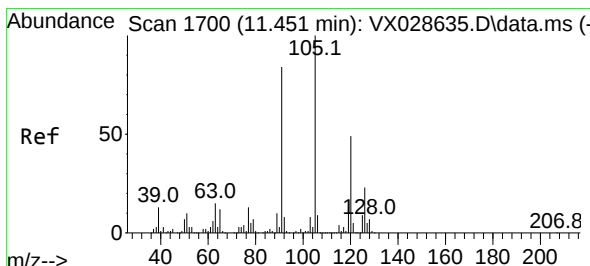
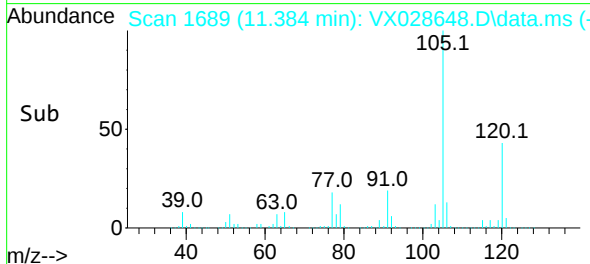
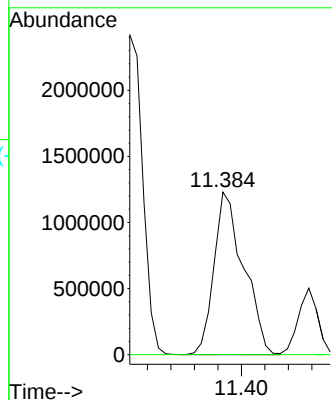
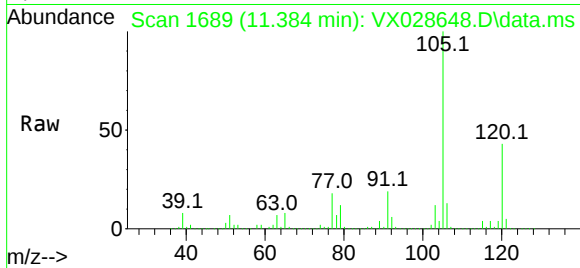




#79
2-Chlorotoluene
Concen: 173.848 ug/l
RT: 11.384 min Scan# 1
Delta R.T. 0.019 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

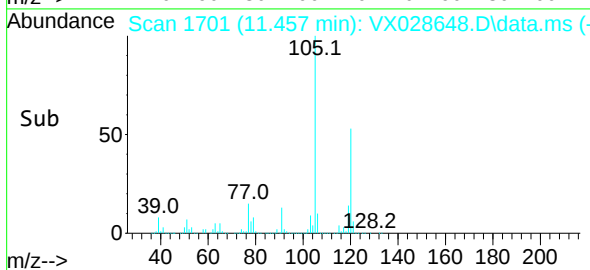
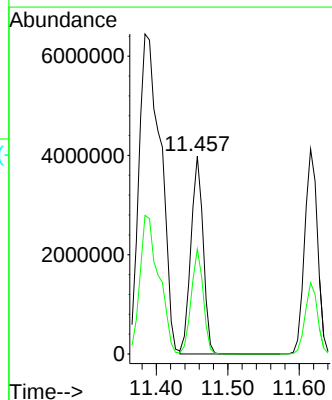
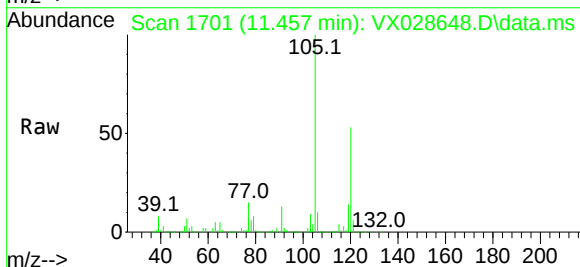
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

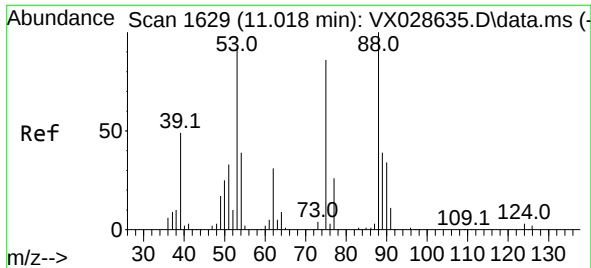
Tgt Ion: 91 Resp: 2159538
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 325.180 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 105 Resp: 4747492
Ion Ratio Lower Upper
105 100
120 51.5 24.3 72.9

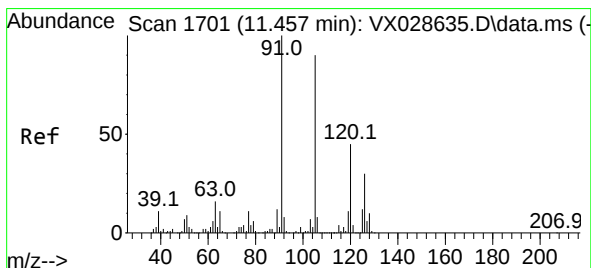
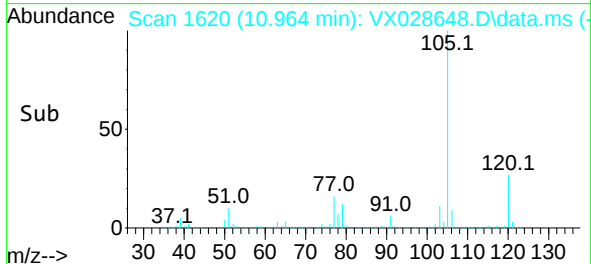
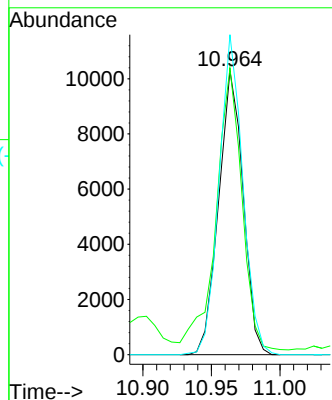
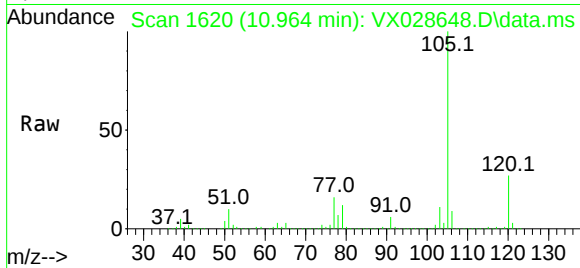




#81
trans-1,4-Dichloro-2-butene
Concen: 10.359 ug/l
RT: 10.964 min Scan# 1
Delta R.T. -0.054 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

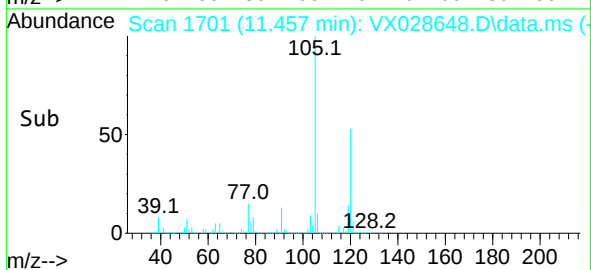
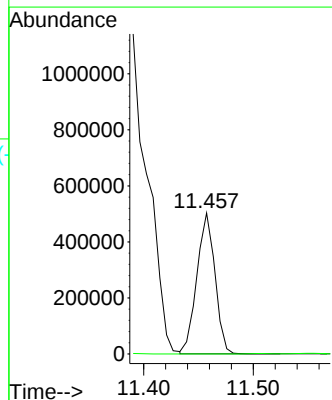
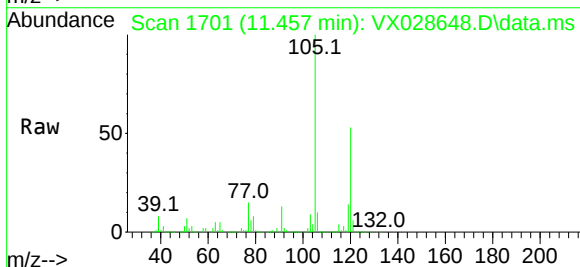
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

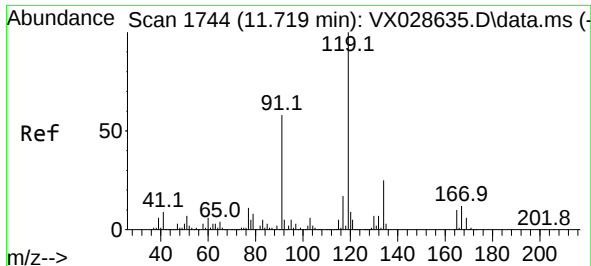
Tgt Ion: 75 Resp: 12756
Ion Ratio Lower Upper
75 100
53 104.0 69.0 103.4#
89 109.3 37.0 55.6#



#82
4-Chlorotoluene
Concen: 40.258 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 91 Resp: 578124
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#

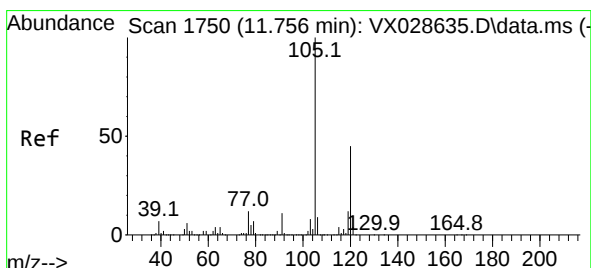
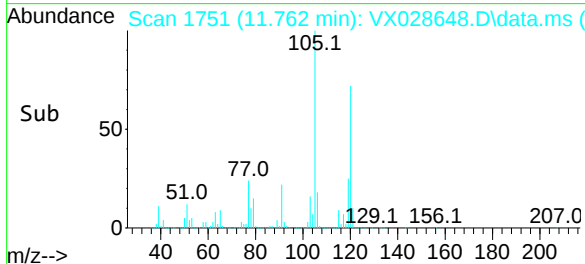
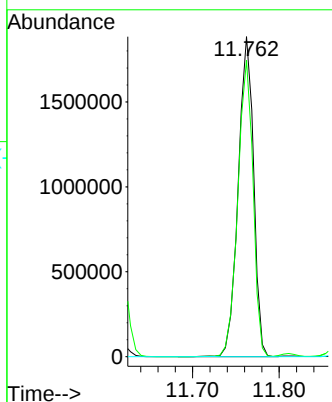
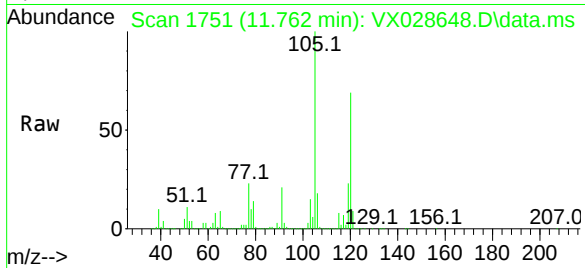




#83
tert-Butylbenzene
Concen: 164.330 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.043 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

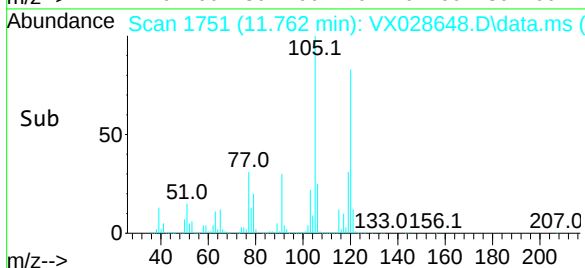
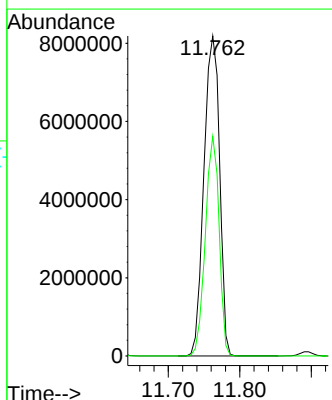
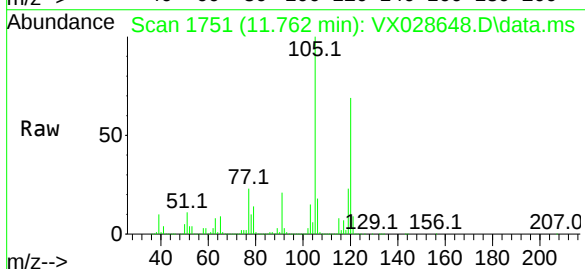
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

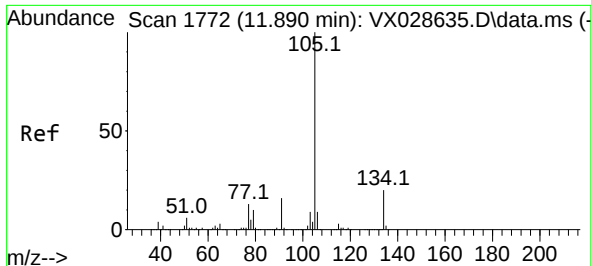
Tgt Ion:119 Resp: 2322872
Ion Ratio Lower Upper
119 100
91 91.9 26.9 80.6#
134 0.0 11.4 34.2#



#84
1,2,4-Trimethylbenzene
Concen: 849.706 ug/l
RT: 11.762 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion:105 Resp:12439963
Ion Ratio Lower Upper
105 100
120 60.5 22.6 67.8

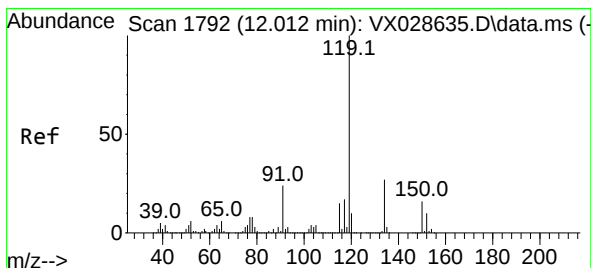
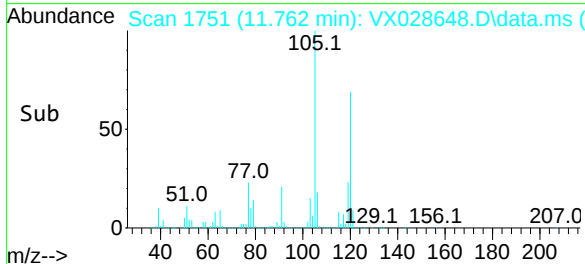
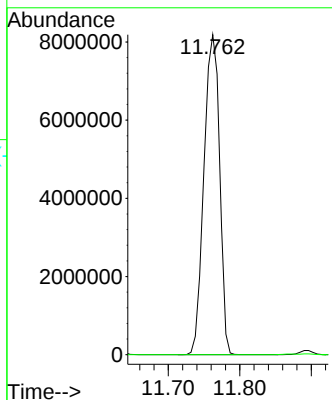
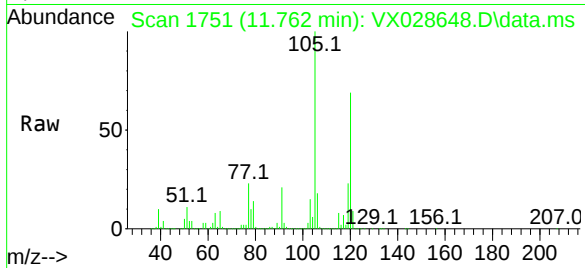




#85
 sec-Butylbenzene
 Concen: 713.453 ug/l
 RT: 11.762 min Scan# 1751
 Delta R.T. -0.128 min
 Lab File: VX028648.D
 Acq: 12 May 2022 19:12

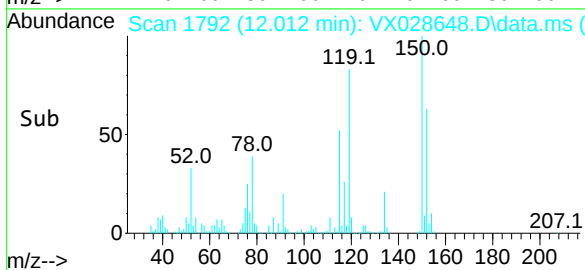
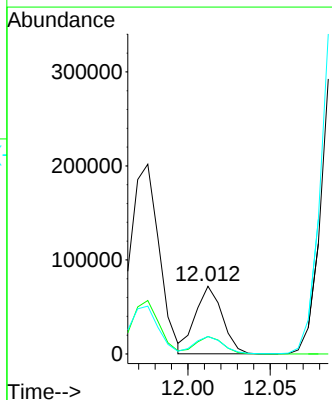
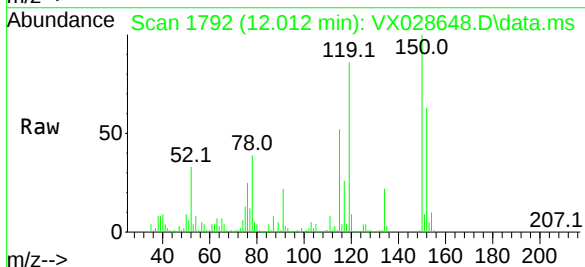
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2A

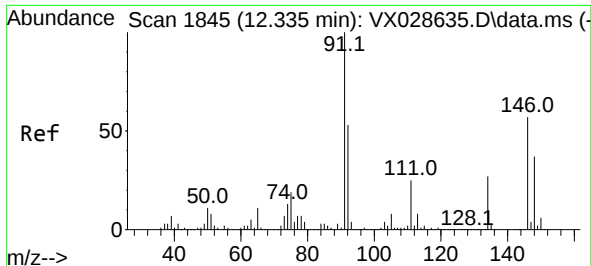
Tgt Ion:105 Resp:12439963
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 5.590 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028648.D
 Acq: 12 May 2022 19:12

Tgt Ion:119 Resp: 81787
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 0.0 11.3 33.9#

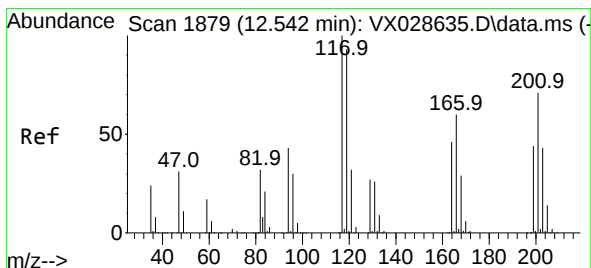
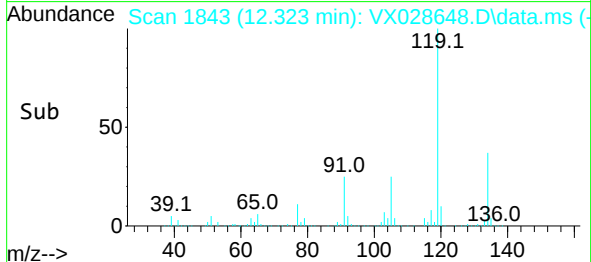
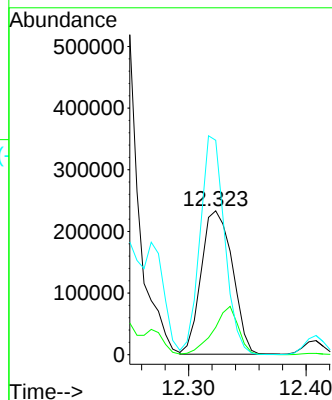
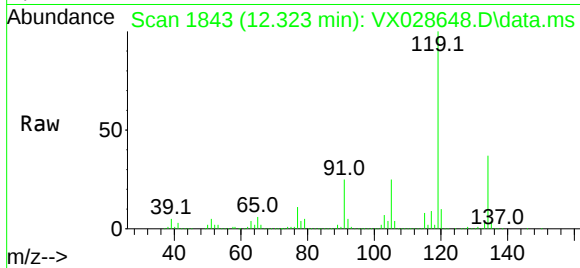




#89
n-Butylbenzene
Concen: 33.999 ug/l
RT: 12.323 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

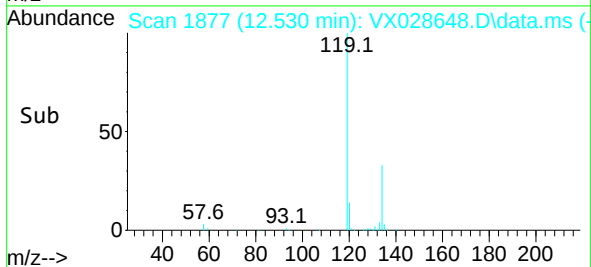
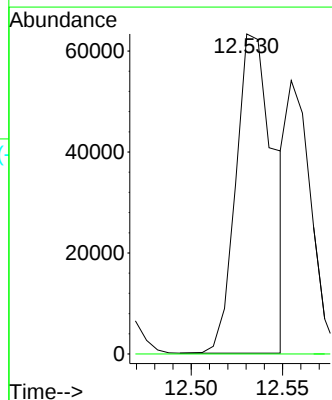
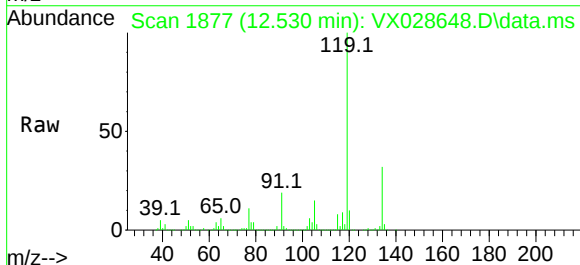
Instrument :
MSVOA_X
ClientSampleId :
MW-2A

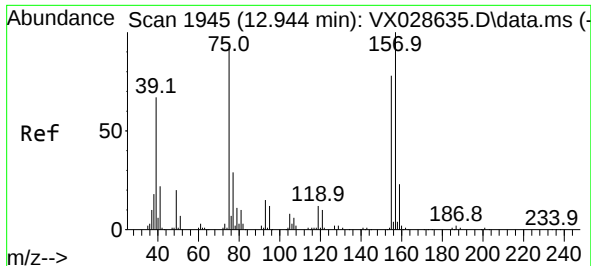
Tgt Ion: 91 Resp: 431008
Ion Ratio Lower Upper
91 100
92 26.9 27.8 83.3#
134 119.7 13.3 39.8#



#90
Hexachloroethane
Concen: 38.614 ug/l
RT: 12.530 min Scan# 1877
Delta R.T. -0.012 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 117 Resp: 91363
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#

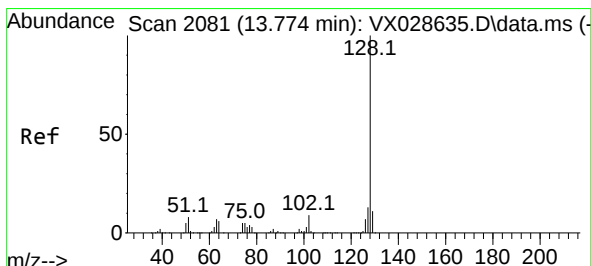
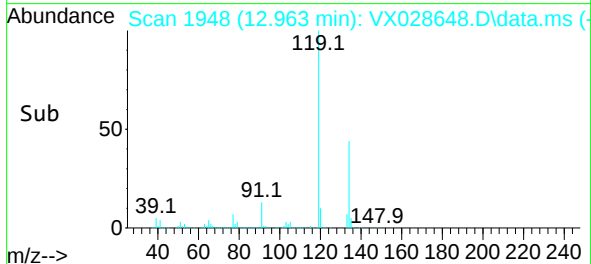
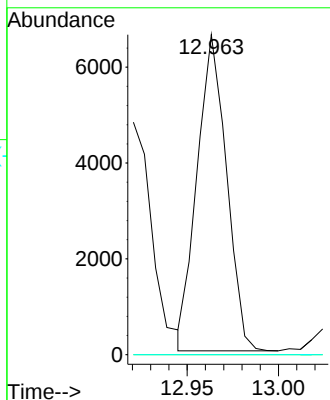
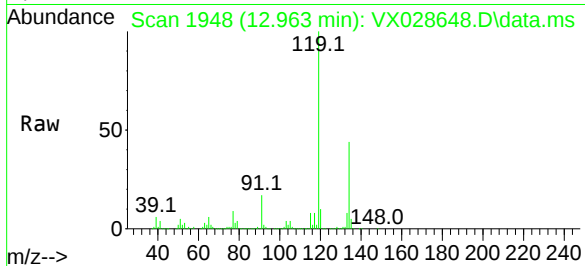




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.747 ug/l
RT: 12.963 min Scan# 1945
Delta R.T. 0.019 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Instrument :
MSVOA_X
ClientSampleId :
MW-2A

Tgt Ion: 75 Resp: 7376
Ion Ratio Lower Upper
75 100
155 0.0 47.0 141.2#
157 0.0 57.9 173.6#



#95
Naphthalene
Concen: 282.662 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX028648.D
Acq: 12 May 2022 19:12

Tgt Ion: 128 Resp: 4640763
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 12.1 8.7 13.1

