

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041422\
 Data File : VX028102.D
 Acq On : 14 Apr 2022 13:17
 Operator : JC/MD
 Sample : N2403-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

Quant Time: Apr 15 03:13:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 12 22:07:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	239637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416458	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	405868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	154456	47.509	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.020%
35) Dibromofluoromethane	5.385	113	133956	49.087	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.180%
50) Toluene-d8	8.653	98	519374	51.031	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.060%
62) 4-Bromofluorobenzene	11.085	95	184123	48.452	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.900%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	1042	Below Cal		84
6) Chloroethane	1.666	64	433	2.763	ug/l #	43
10) Methyl Iodide	2.459	142	853	0.303	ug/l #	82
11) Tert butyl alcohol	2.953	59	47888	63.457	ug/l #	72
13) Acrolein	2.209	56	14256	30.279	ug/l #	1
14) Allyl chloride	2.782	41	139304	33.277	ug/l #	72
15) Acrylonitrile	3.099	53	16700	10.679	ug/l #	39
16) Acetone	2.337	43	54956	40.572	ug/l #	49
18) Methyl Acetate	2.782	43	275554	76.237	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	56743	6.388	ug/l #	1
20) Methylene Chloride	2.727	84	2337	0.866	ug/l #	19
22) Diisopropyl ether	3.757	45	13519	1.505	ug/l #	86
23) Vinyl Acetate	3.751	43	15470	1.938	ug/l #	66
24) 1,1-Dichloroethane	3.739	63	3219	0.662	ug/l #	81
25) 2-Butanone	4.562	43	10972	4.686	ug/l	99
29) Tetrahydrofuran	5.032	42	645	0.421	ug/l #	25
30) Chloroform	5.172	83	20727	3.833	ug/l #	28
31) Cyclohexane	5.477	56	443868	99.293	ug/l	98
36) 1,1-Dichloropropene	5.550	75	18806	4.515	ug/l #	49
37) Ethyl Acetate	4.794	43	1395	0.288	ug/l #	1
38) Carbon Tetrachloride	5.556	117	23702	5.331	ug/l #	15
39) Methylcyclohexane	7.385	83	250365	50.852	ug/l	95
40) Benzene	6.044	78	2104956	173.805	ug/l	99
41) Methacrylonitrile	4.952	41	3009	1.166	ug/l #	18
42) 1,2-Dichloroethane	6.044	62	20508	4.484	ug/l #	73
43) Isopropyl Acetate	6.361	43	8769	1.085	ug/l #	56
45) 1,2-Dichloropropane	7.379	63	3284	1.076	ug/l #	1
46) Dibromomethane	7.556	93	465	0.207	ug/l #	1
47) Bromodichloromethane	7.775	83	1987	0.457	ug/l #	78
48) Methyl methacrylate	7.659	41	14358	3.891	ug/l #	66
51) 4-Methyl-2-Pentanone	8.574	43	19528	3.789	ug/l	90
52) Toluene	8.720	92	31104	3.850	ug/l	99
55) 1,1,2-Trichloroethane	9.104	97	19497	5.952	ug/l #	20
56) Ethyl methacrylate	9.104	69	4020	0.781	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.196	63	1033	0.445	ug/l #	45
59) 2-Hexanone	9.451	43	26839	6.649	ug/l	94

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

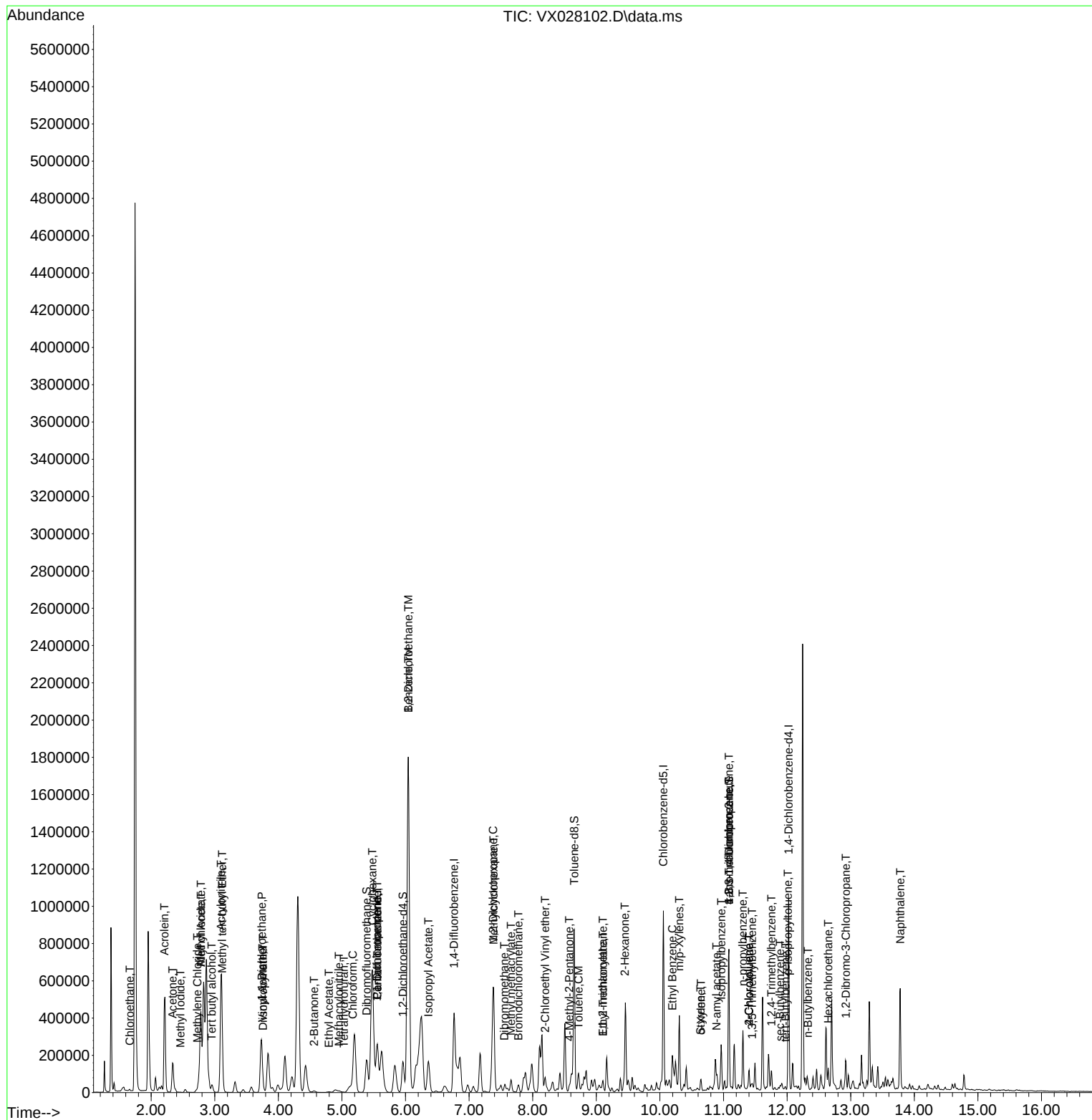
67) Ethyl Benzene	10.195	91	100455	6.442	ug/l	97
68) m/p-Xylenes	10.305	106	86856	13.338	ug/l	96
69) o-Xylene	10.646	106	9130	1.442	ug/l	94
70) Styrene	10.640	104	726	4.757	ug/l #	1
73) Isopropylbenzene	10.963	105	109567	7.795	ug/l	100
74) N-amyl acetate	10.890	43	26234	4.319	ug/l #	41
76) 1,2,3-Trichloropropane	11.085	75	101526	23.049	ug/l #	38
78) n-propylbenzene	11.305	91	176525	10.806	ug/l	100
79) 2-Chlorotoluene	11.402	91	6257	0.632	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	7756	0.639	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.085	75	101526	64.918	ug/l #	15
82) 4-Chlorotoluene	11.402	91	6257	0.537	ug/l #	45
83) tert-Butylbenzene	11.975	119	3618	0.308	ug/l	69
84) 1,2,4-Trimethylbenzene	11.756	105	44678	3.759	ug/l	96
85) sec-Butylbenzene	11.890	105	9203	0.614	ug/l	97
86) p-Isopropyltoluene	12.012	119	3143	0.247	ug/l #	68
89) n-Butylbenzene	12.329	91	11087	1.020	ug/l #	39
90) Hexachloroethane	12.646	117	32561	15.254	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.926	75	675	0.625	ug/l #	11
95) Naphthalene	13.780	128	332368	25.457	ug/l	99

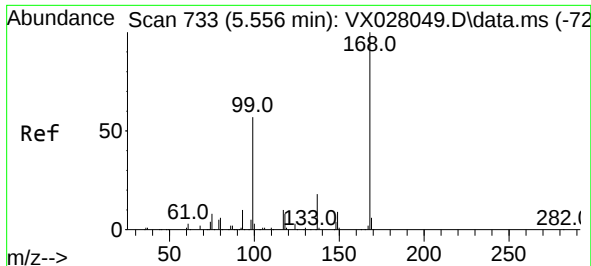
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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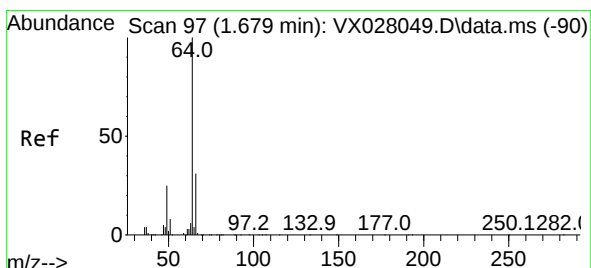
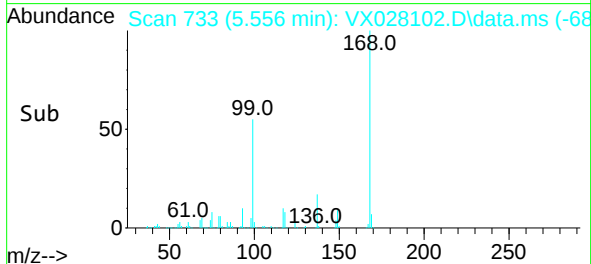
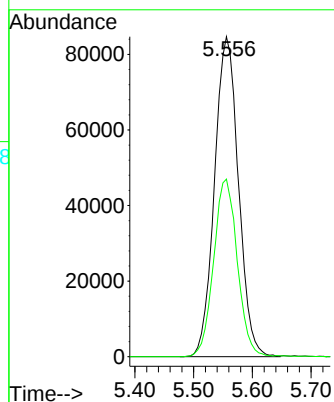
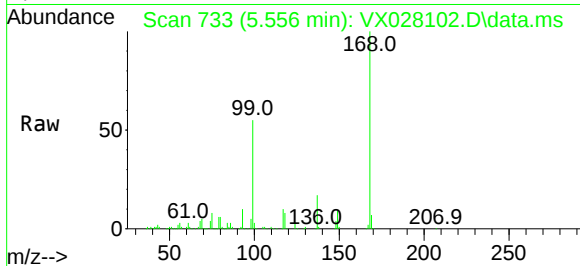




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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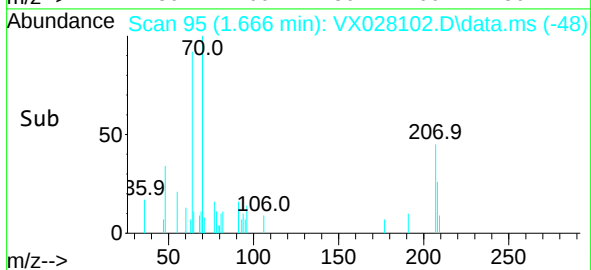
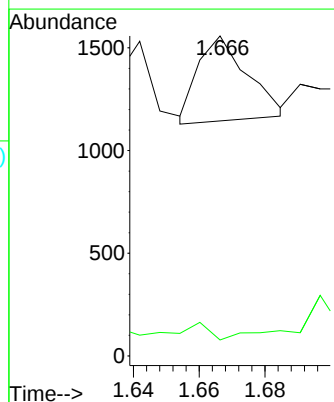
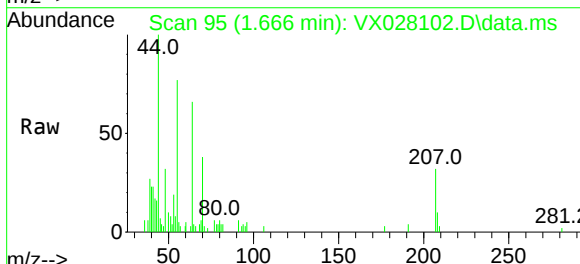
Instrument :
MSVOA_X
ClientSampleId :
MW-24

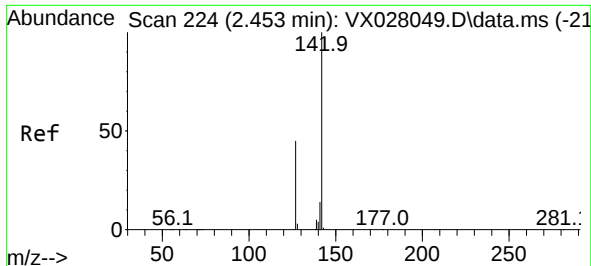
Tgt Ion:168 Resp: 239637
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#6
Chloroethane
Concen: 2.763 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

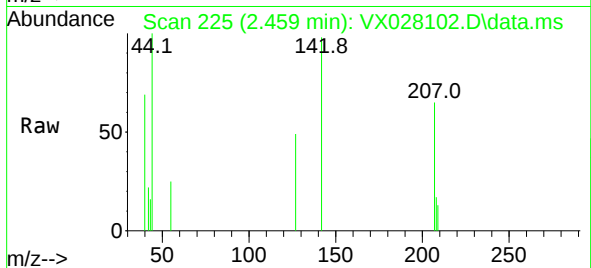
Tgt Ion: 64 Resp: 433
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9



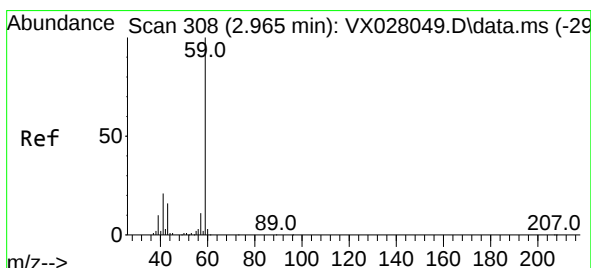
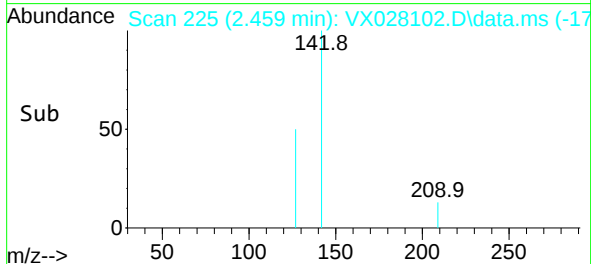
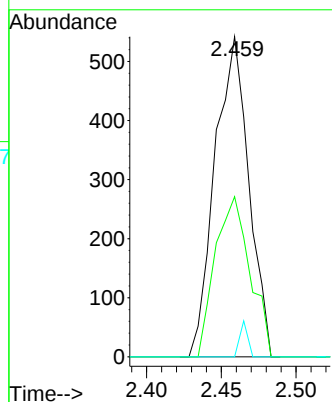


#10
Methyl Iodide
Concen: 0.303 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :
MW-24

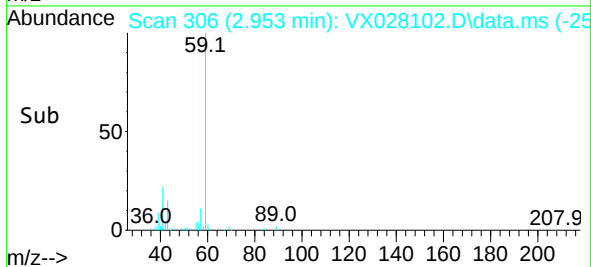
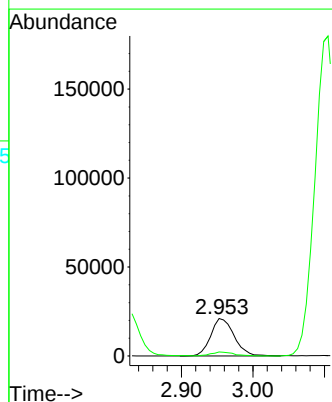
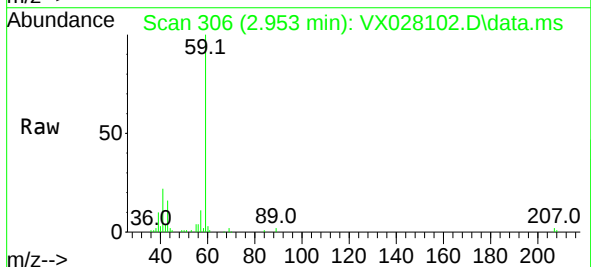


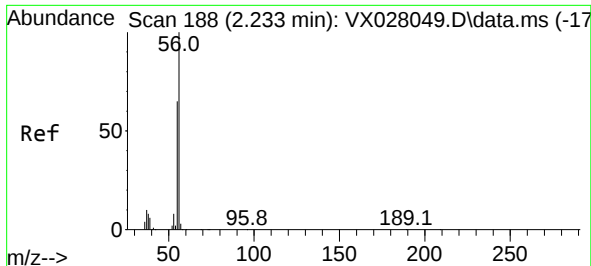
Tgt Ion:142 Resp: 853
Ion Ratio Lower Upper
142 100
127 51.3 33.9 50.9#
141 2.6 11.4 17.2#



#11
Tert butyl alcohol
Concen: 63.457 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 59 Resp: 47888
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

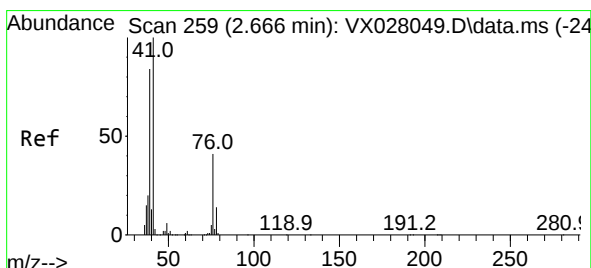
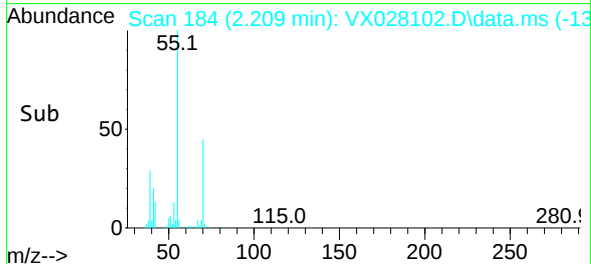
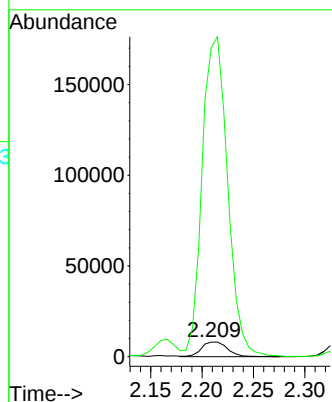
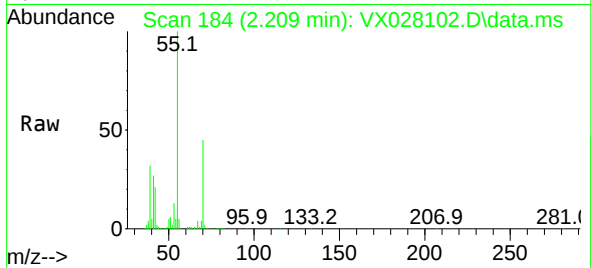




#13
Acrolein
Concen: 30.279 ug/l
RT: 2.209 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

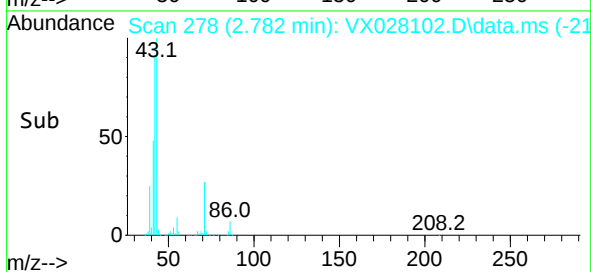
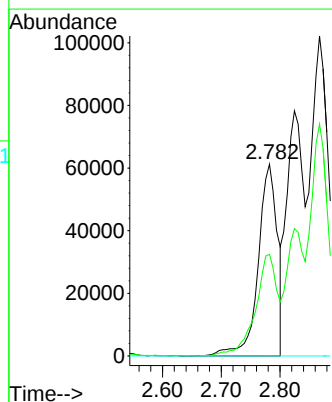
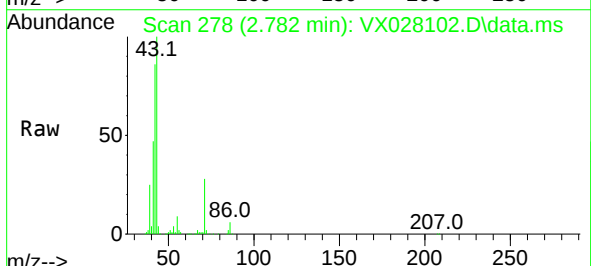
Instrument :
MSVOA_X
ClientSampleId :
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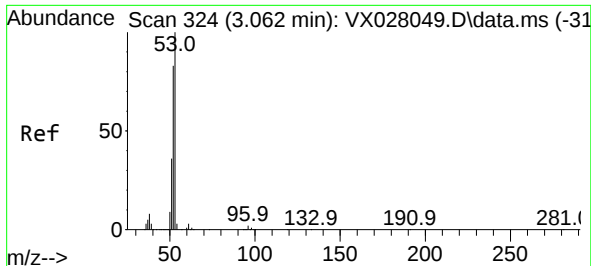
Tgt Ion: 56 Resp: 14256
Ion Ratio Lower Upper
56 100
55 2132.8 55.0 82.6#



#14
Allyl chloride
Concen: 33.277 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.116 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 41 Resp: 139304
Ion Ratio Lower Upper
41 100
39 60.3 50.4 75.6
76 0.0 32.7 49.1#

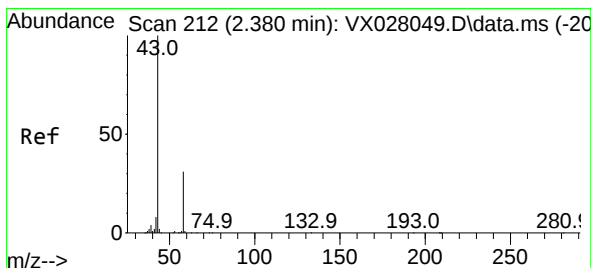
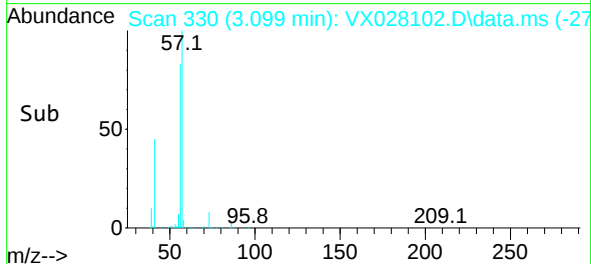
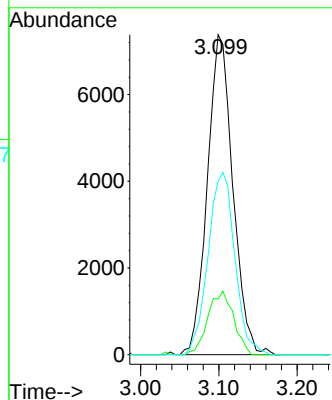
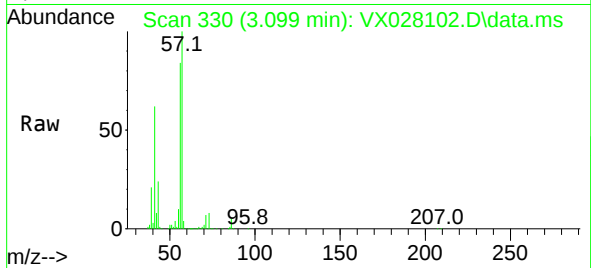




#15
Acrylonitrile
Concen: 10.679 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.037 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

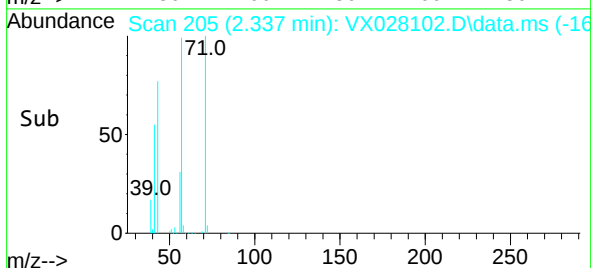
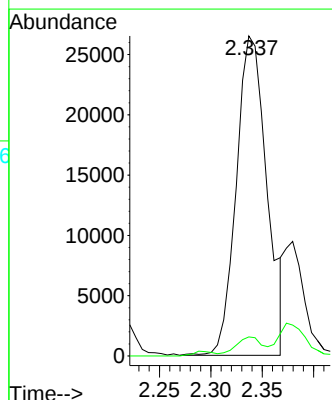
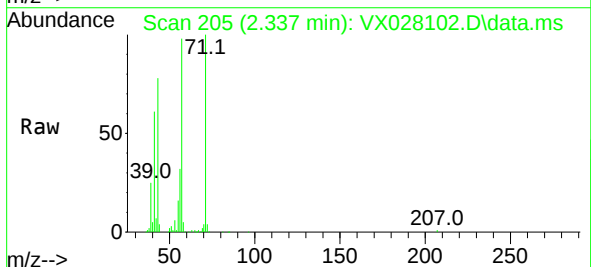
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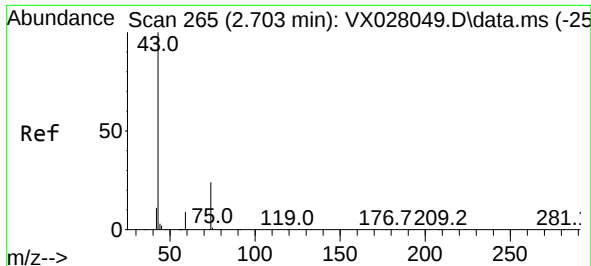
Tgt Ion: 53 Resp: 16700
Ion Ratio Lower Upper
53 100
52 20.1 65.7 98.5#
51 59.9 28.4 42.6#



#16
Acetone
Concen: 40.572 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.043 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 43 Resp: 54956
Ion Ratio Lower Upper
43 100
58 6.0 28.8 43.2#

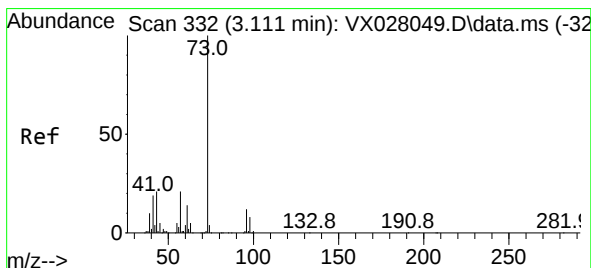
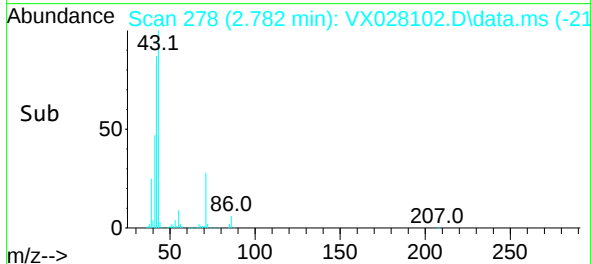
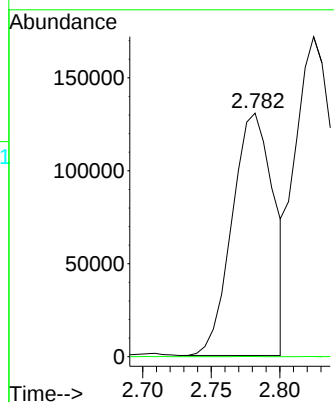
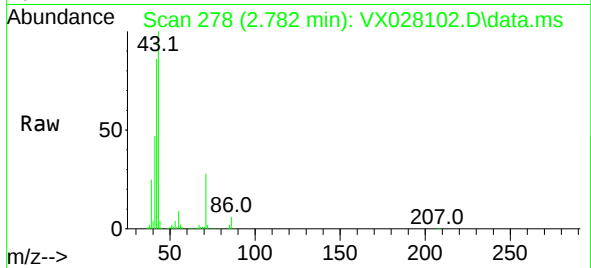




#18
Methyl Acetate
Concen: 76.237 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.079 min
Lab File: VX028102.D
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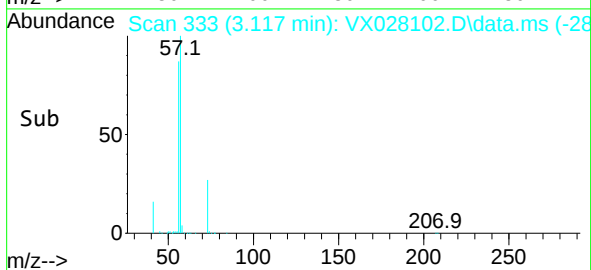
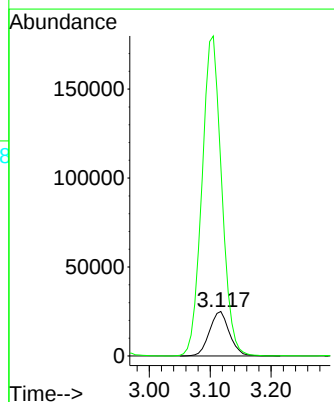
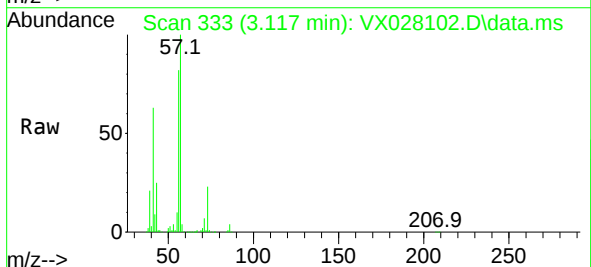
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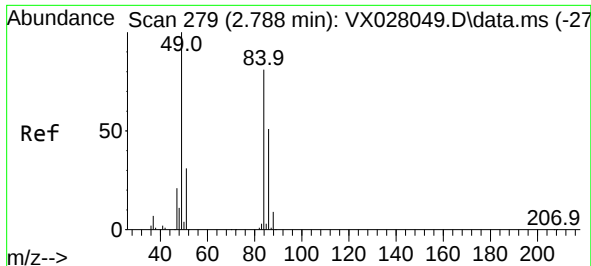
Tgt Ion: 43 Resp: 275554
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 6.388 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX028102.D
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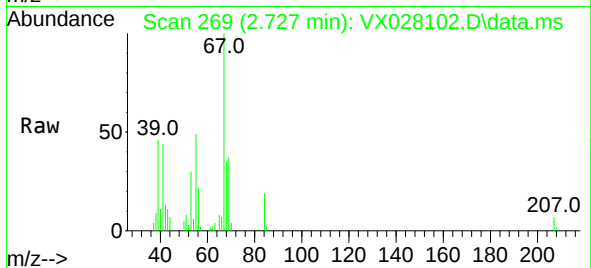
Tgt Ion: 73 Resp: 56743
Ion Ratio Lower Upper
73 100
57 427.6 16.8 25.2#





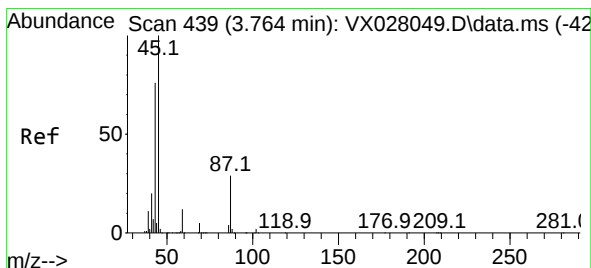
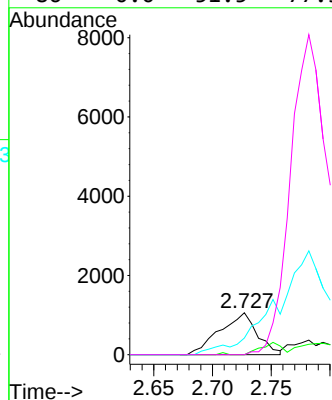
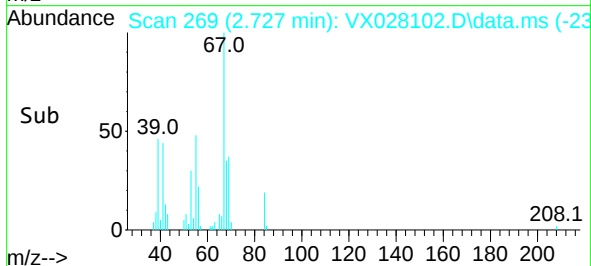
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Methylene Chloride
Concen: 0.866 ug/l
RT: 2.727 min Scan# 21
Delta R.T. -0.061 min
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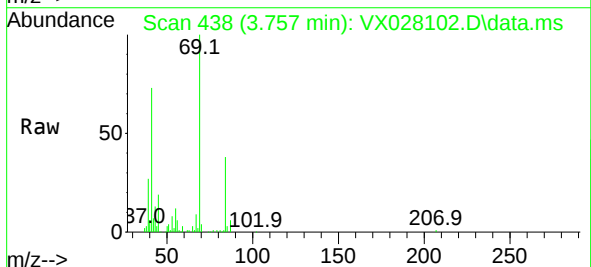


Tgt Ion: 84 Resp: 2337

Ion	Ratio	Lower	Upper
84	100		
49	0.0	85.5	128.3#
51	39.7	26.6	39.8
86	0.0	51.5	77.3#

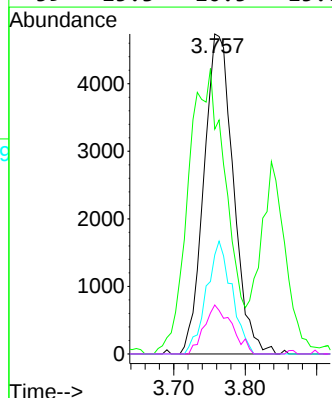
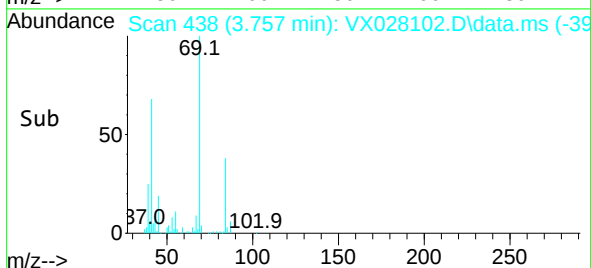


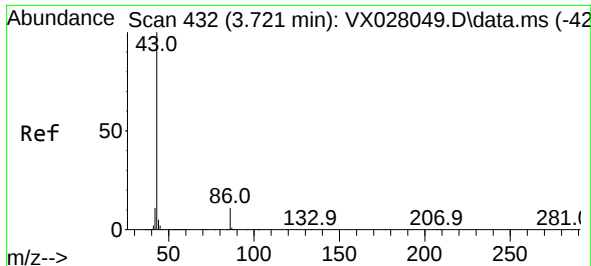
#22
Diisopropyl ether
Concen: 1.505 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.007 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17



Tgt Ion: 45 Resp: 13519

Ion	Ratio	Lower	Upper
45	100		
43	46.5	50.8	76.2#
87	30.9	26.6	39.8
59	15.3	10.5	15.7

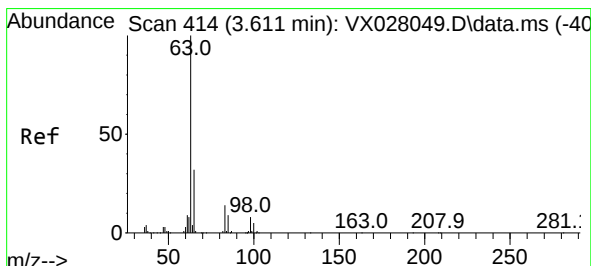
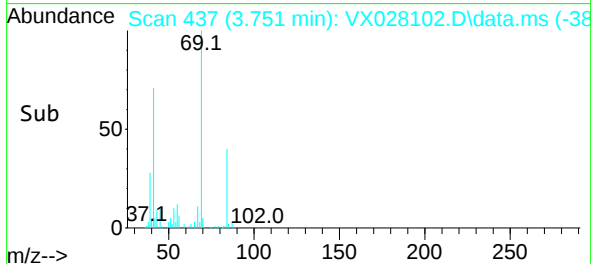
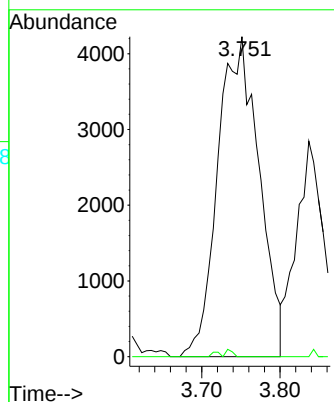
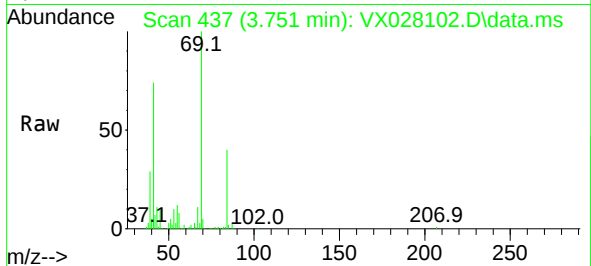




#23
 Vinyl Acetate
 Concen: 1.938 ug/l
 RT: 3.751 min Scan# 41
 Delta R.T. 0.030 min
 Lab File: VX028102.D
 Acq: 14 Apr 2022 13:17

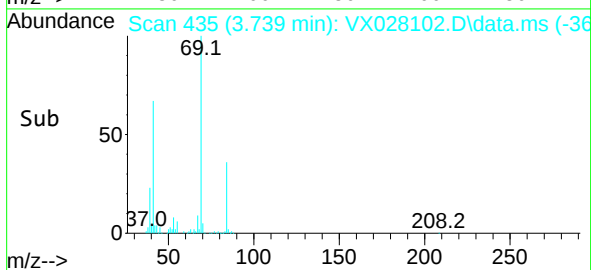
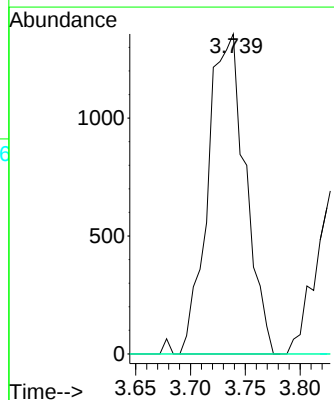
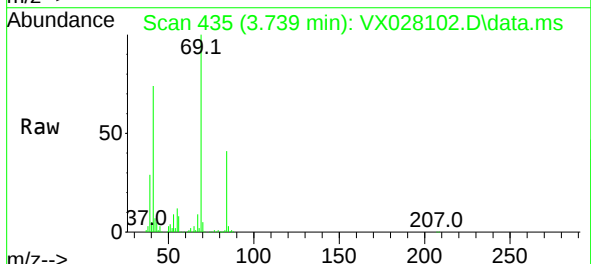
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-24

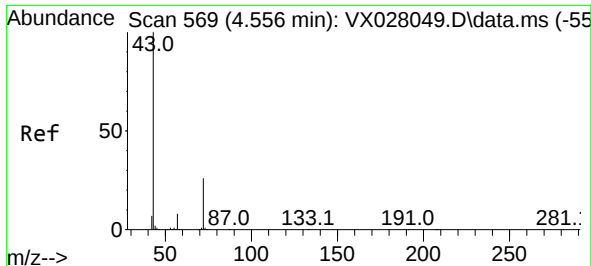
Tgt Ion: 43 Resp: 15470
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.8 16.2#



#24
 1,1-Dichloroethane
 Concen: 0.662 ug/l
 RT: 3.739 min Scan# 435
 Delta R.T. 0.128 min
 Lab File: VX028102.D
 Acq: 14 Apr 2022 13:17

Tgt Ion: 63 Resp: 3219
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 4.686 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

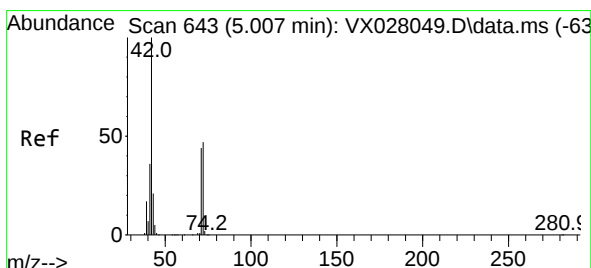
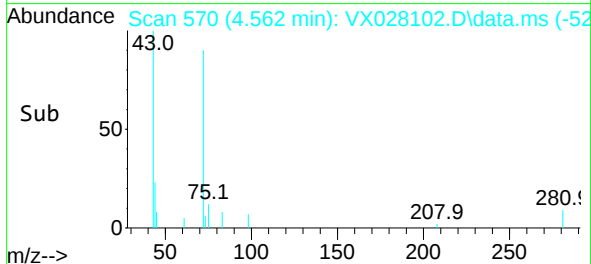
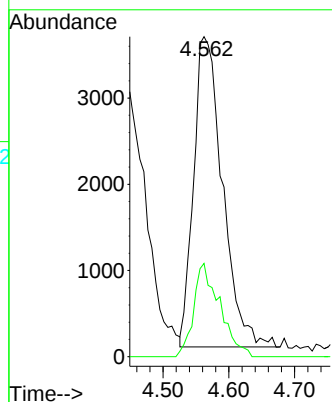
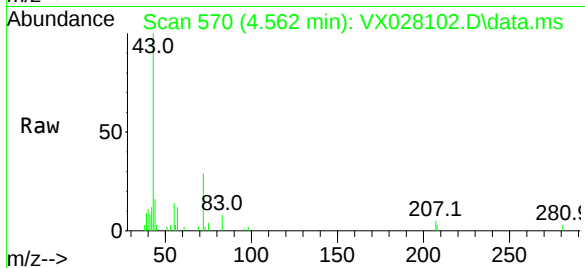
MW-24

Tgt Ion: 43 Resp: 10972

Ion Ratio Lower Upper

43 100

72 30.1 24.4 36.6



#29

Tetrahydrofuran

Concen: 0.421 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.025 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

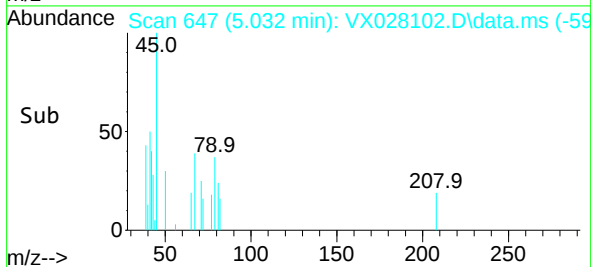
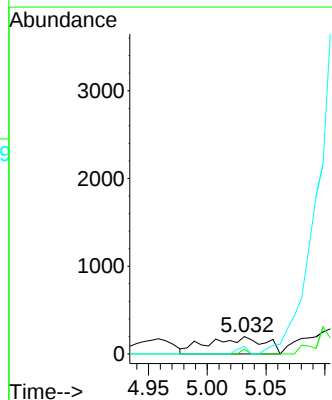
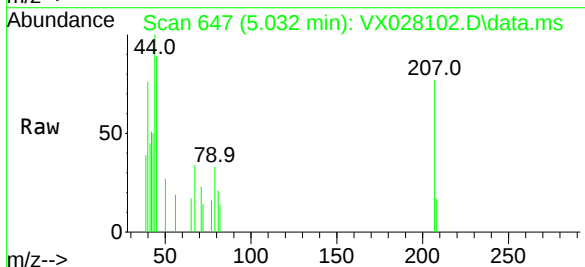
Tgt Ion: 42 Resp: 645

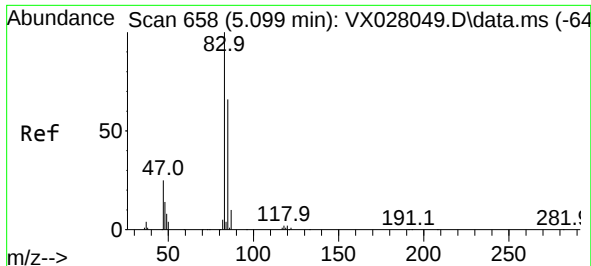
Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

71 0.0 40.5 60.7#

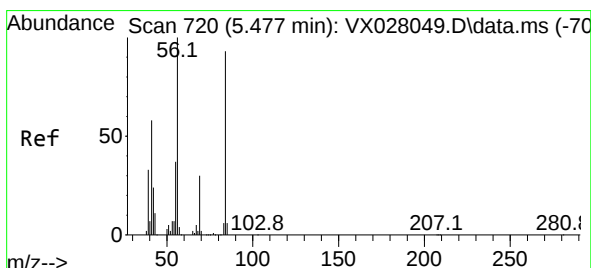
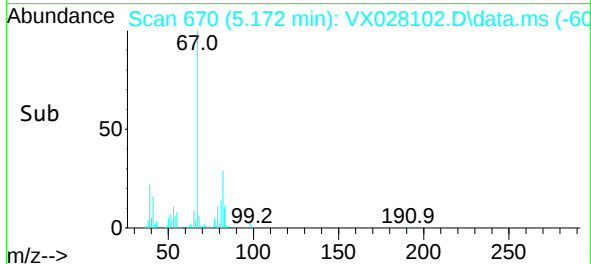
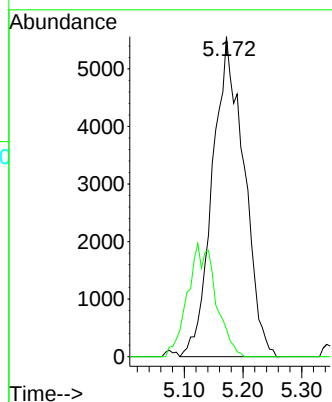
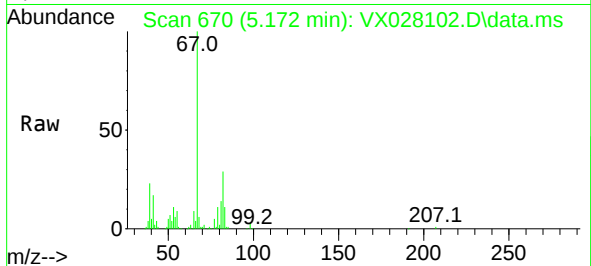




#30
Chloroform
Concen: 3.833 ug/l
RT: 5.172 min Scan# 61
Delta R.T. 0.073 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

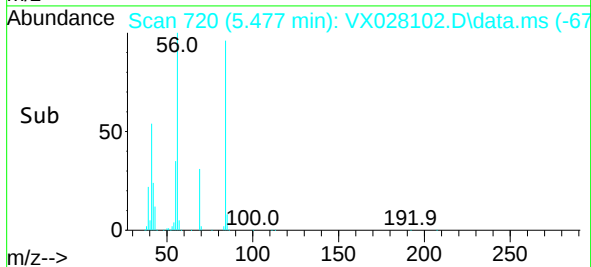
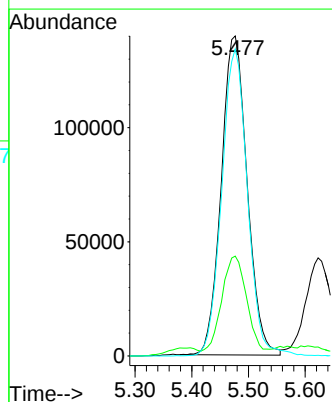
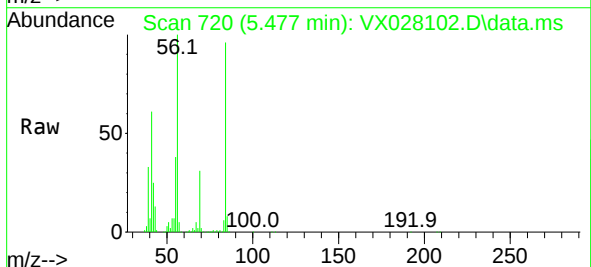
Instrument :
MSVOA_X
ClientSampleId :
MW-24

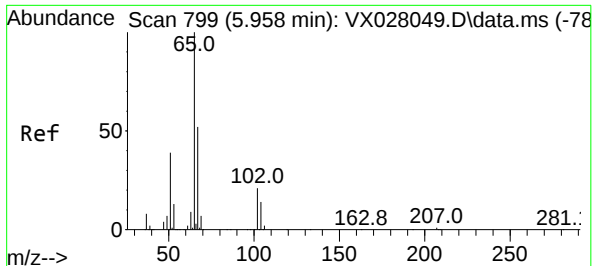
Tgt Ion: 83 Resp: 20727
Ion Ratio Lower Upper
83 100
85 8.7 52.7 79.1#



#31
Cyclohexane
Concen: 99.293 ug/l
RT: 5.477 min Scan# 720
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 56 Resp: 443868
Ion Ratio Lower Upper
56 100
69 28.8 26.7 40.1
84 96.3 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 47.509 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

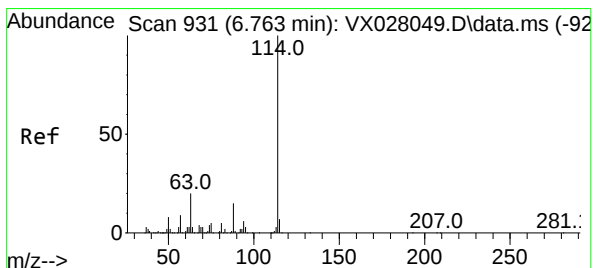
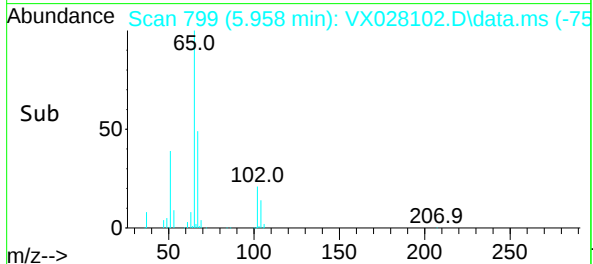
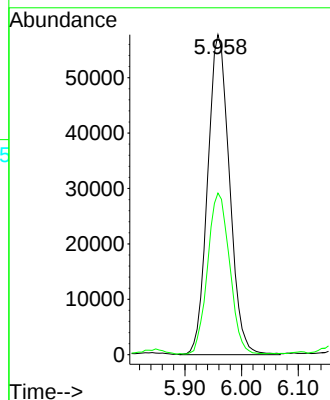
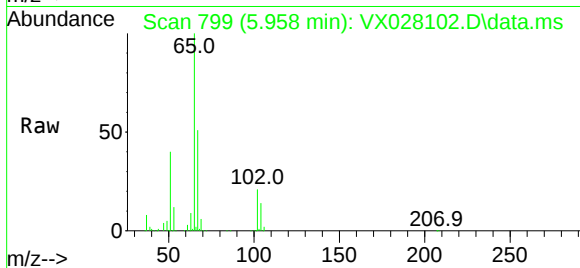
MW-24

Tgt Ion: 65 Resp: 154456

Ion Ratio Lower Upper

65 100

67 50.6 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: VX028102.D

Acq: 14 Apr 2022 13:17

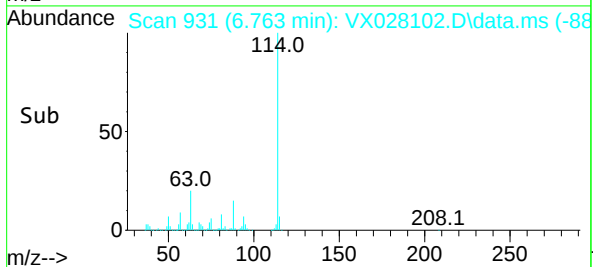
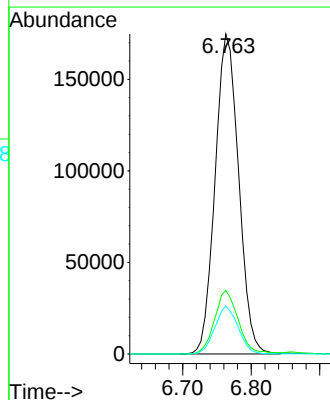
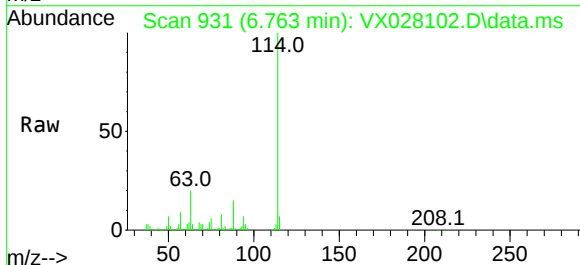
Tgt Ion: 114 Resp: 416458

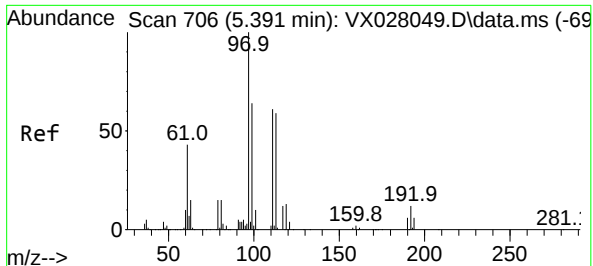
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 14.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.087 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

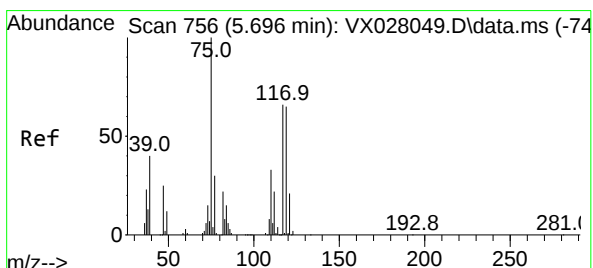
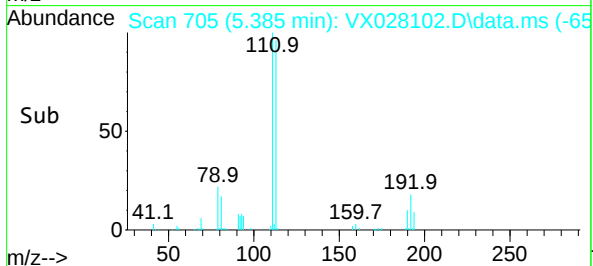
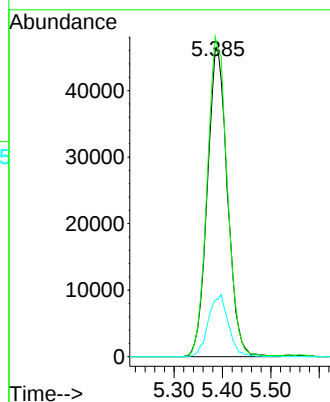
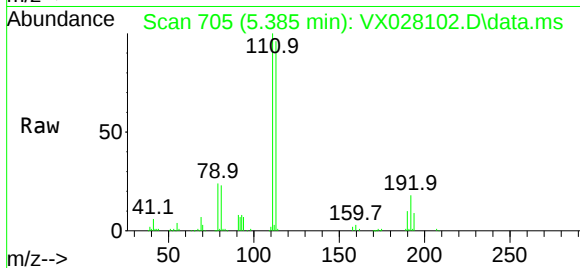
Tgt Ion:113 Resp: 133956

Ion Ratio Lower Upper

113 100

111 103.8 82.8 124.2

192 20.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.515 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

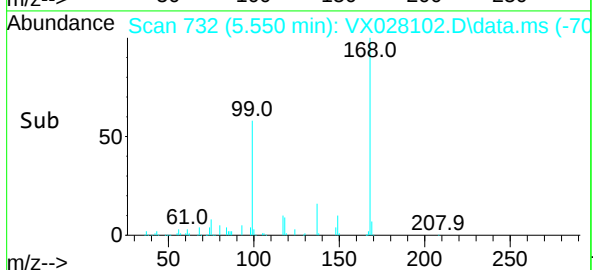
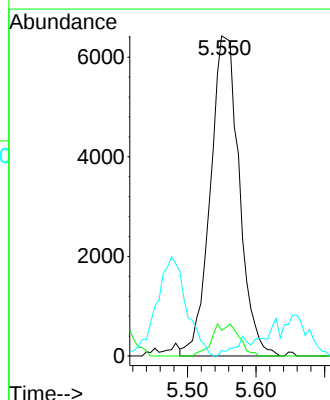
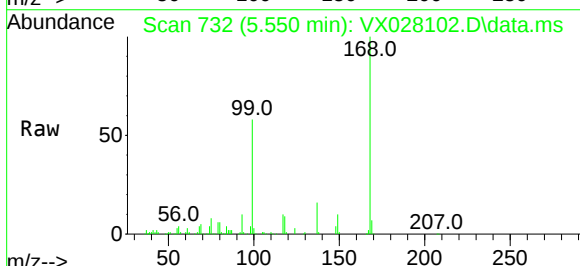
Tgt Ion: 75 Resp: 18806

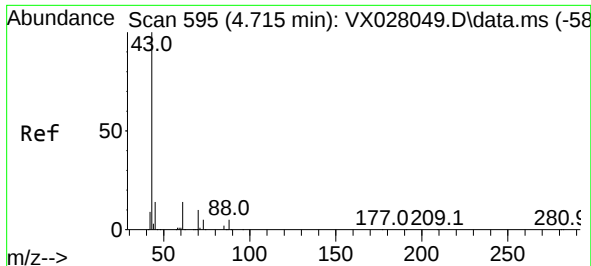
Ion Ratio Lower Upper

75 100

110 9.2 18.3 54.8#

77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.288 ug/l

RT: 4.794 min Scan# 60

Delta R.T. 0.079 min

Lab File: VX028102.D

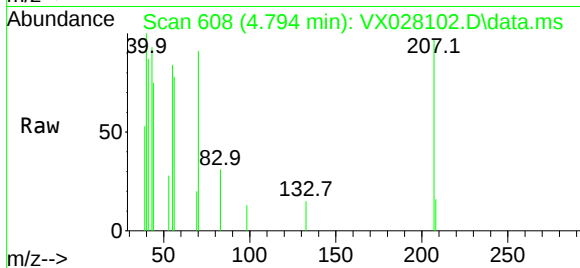
Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24



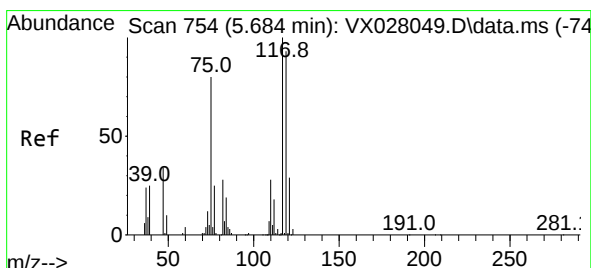
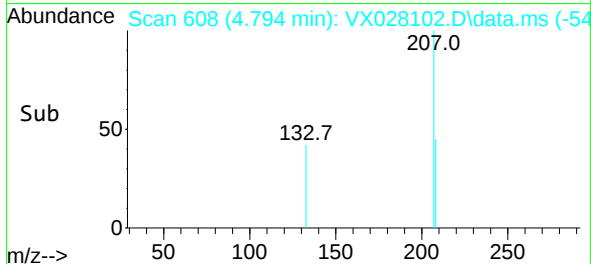
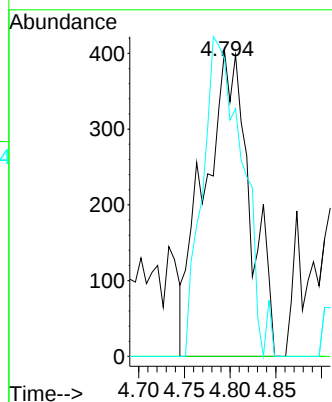
Tgt Ion: 43 Resp: 1395

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 90.3 10.2 15.2#



#38

Carbon Tetrachloride

Concen: 5.331 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

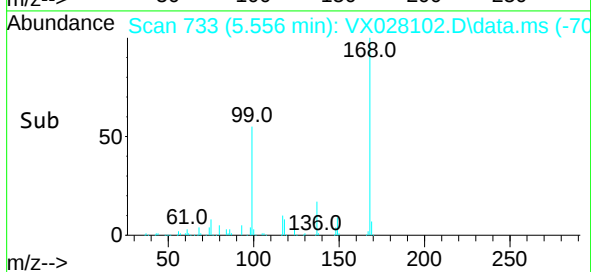
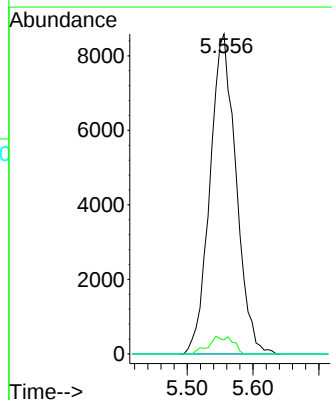
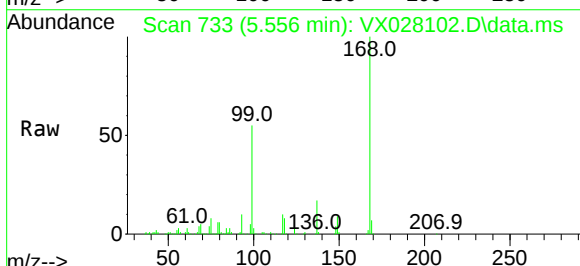
Tgt Ion: 117 Resp: 23702

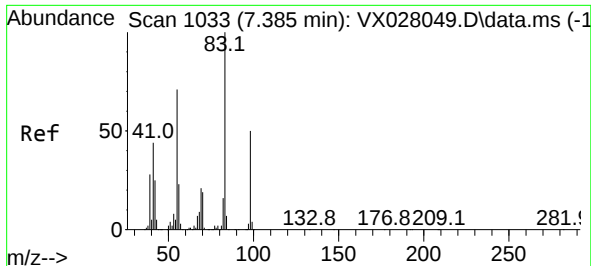
Ion Ratio Lower Upper

117 100

119 4.4 77.3 115.9#

121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 50.852 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

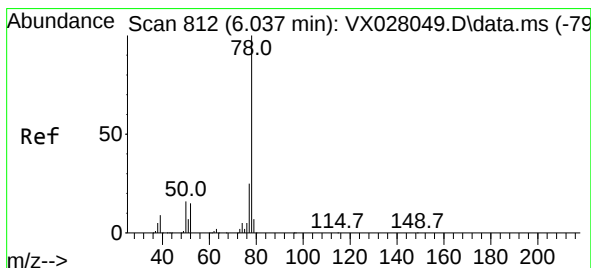
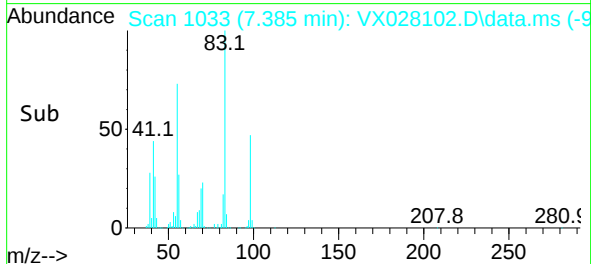
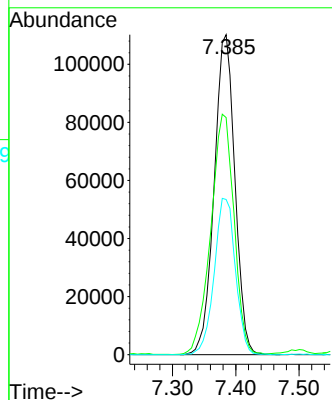
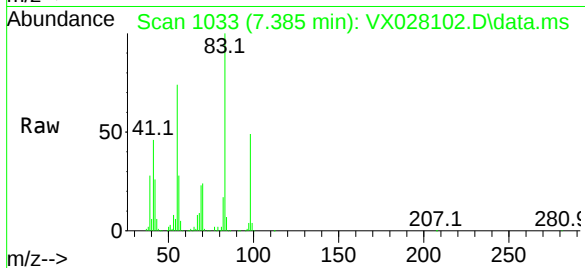
Tgt Ion: 83 Resp: 250365

Ion Ratio Lower Upper

83 100

55 73.9 54.6 81.8

98 48.5 37.4 56.2



#40

Benzene

Concen: 173.805 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.007 min

Lab File: VX028102.D

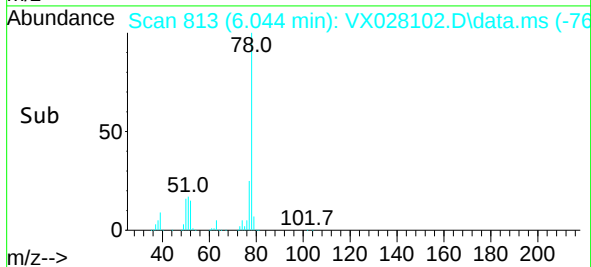
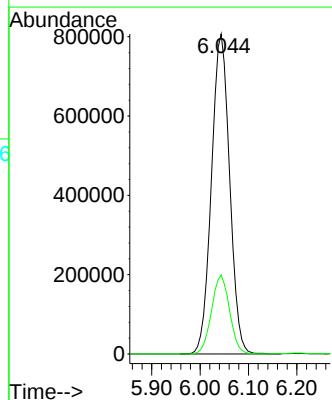
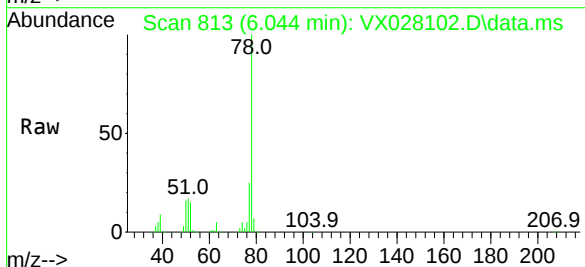
Acq: 14 Apr 2022 13:17

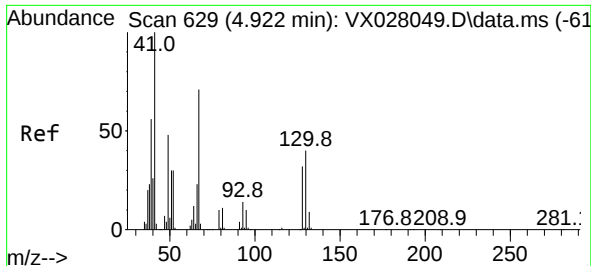
Tgt Ion: 78 Resp: 2104956

Ion Ratio Lower Upper

78 100

77 24.7 19.3 28.9

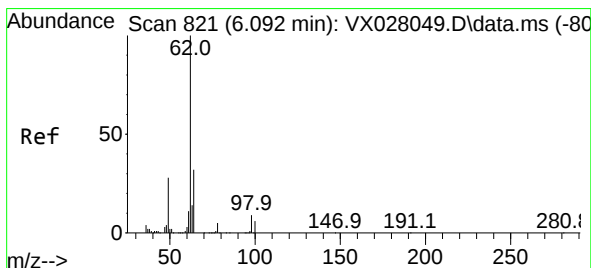
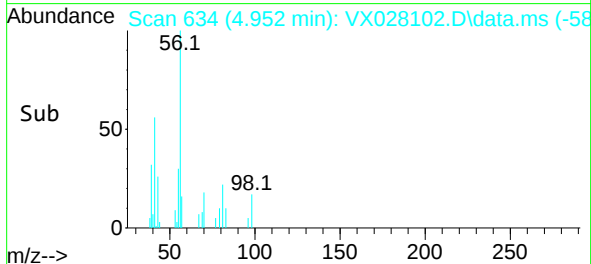
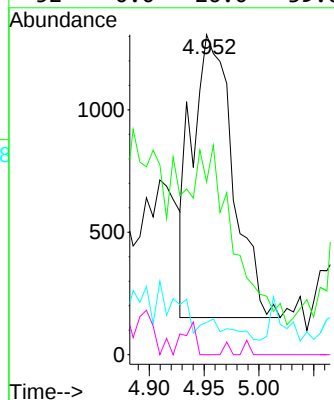
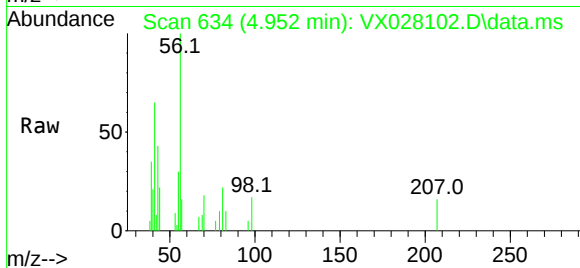




#41
Methacrylonitrile
Concen: 1.166 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.030 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

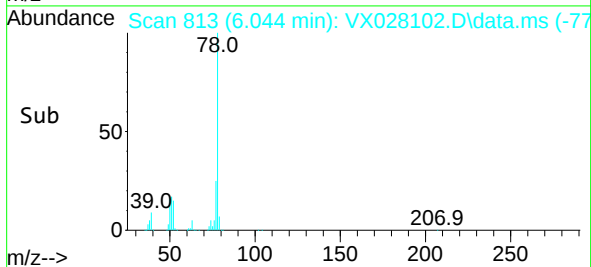
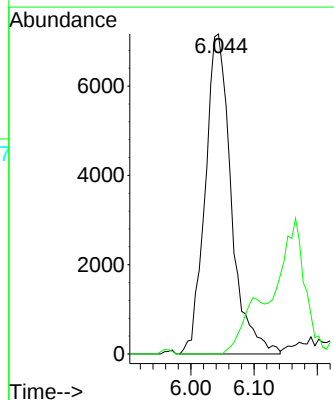
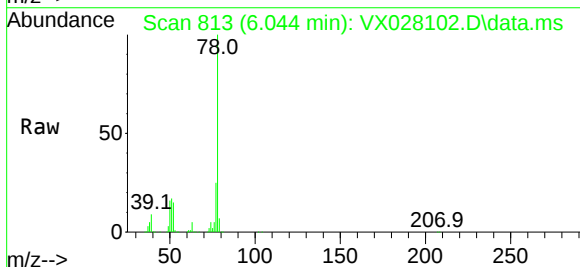
Instrument :
MSVOA_X
ClientSampleId :
MW-24

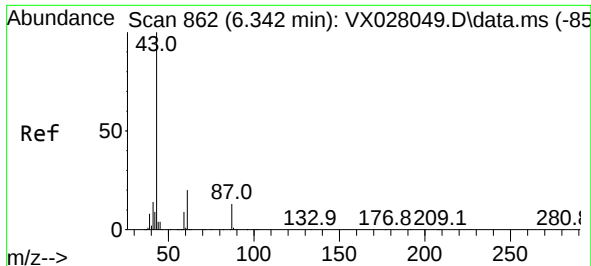
Tgt Ion: 41	Resp: 3009
Ion Ratio	Lower Upper
41 100	
39 0.0	43.0 64.4#
67 0.0	70.2 105.4#
52 0.0	26.0 39.0#



#42
1,2-Dichloroethane
Concen: 4.484 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.048 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 62	Resp: 20508
Ion Ratio	Lower Upper
62 100	
98 0.0	0.0 20.4

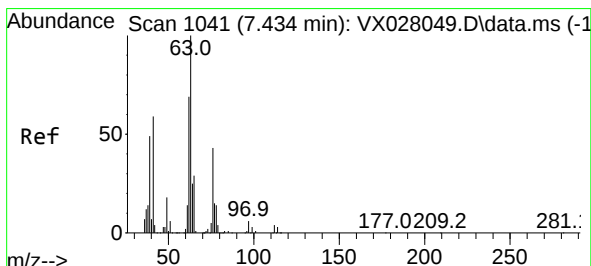
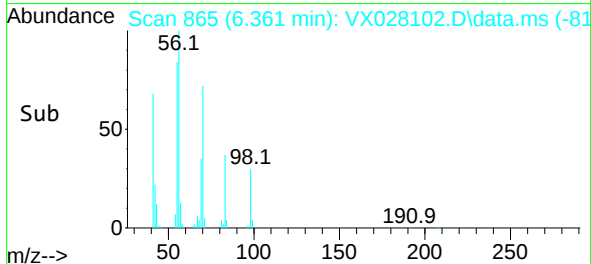
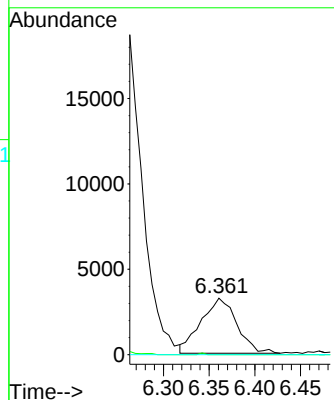
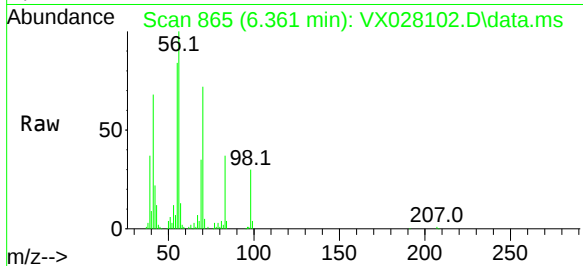




#43
Isopropyl Acetate
Concen: 1.085 ug/l
RT: 6.361 min Scan# 80
Delta R.T. 0.019 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

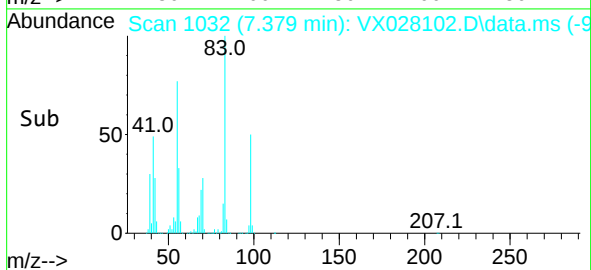
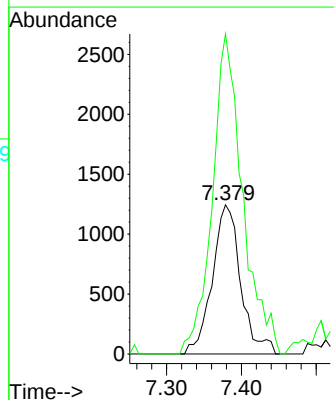
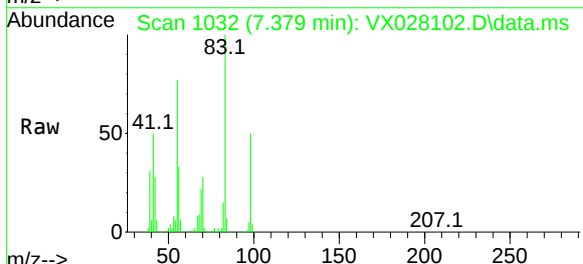
Instrument :
MSVOA_X
ClientSampleId :
MW-24

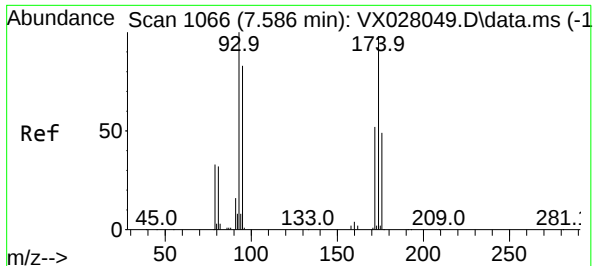
Tgt Ion: 43 Resp: 8769
Ion Ratio Lower Upper
43 100
61 0.0 18.5 27.7#
87 0.0 13.0 19.6#



#45
1,2-Dichloropropane
Concen: 1.076 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.055 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 63 Resp: 3284
Ion Ratio Lower Upper
63 100
65 214.5 25.8 38.6#





#46

Dibromomethane

Concen: 0.207 ug/l

RT: 7.556 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

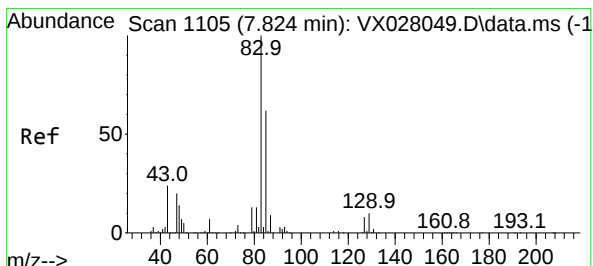
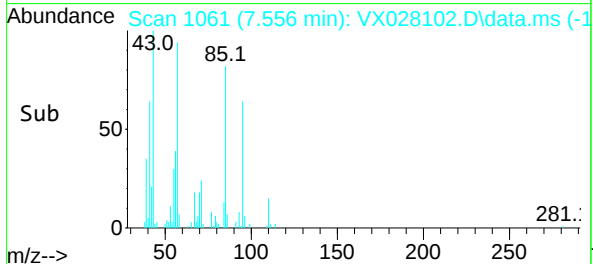
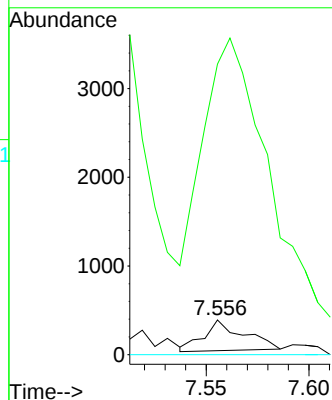
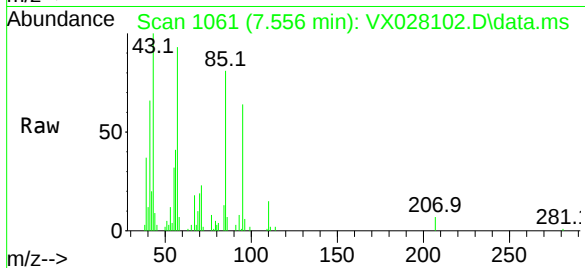
Tgt Ion: 93 Resp: 465

Ion Ratio Lower Upper

93 100

95 1906.0 65.8 98.6#

174 0.0 85.4 128.2#



#47

Bromodichloromethane

Concen: 0.457 ug/l

RT: 7.775 min Scan# 1097

Delta R.T. -0.049 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

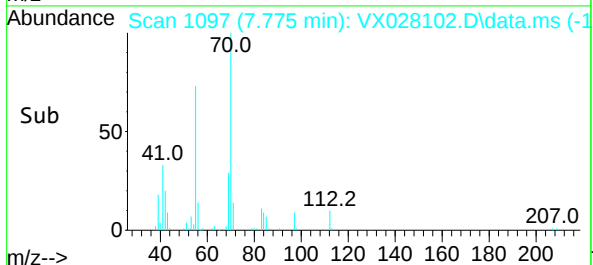
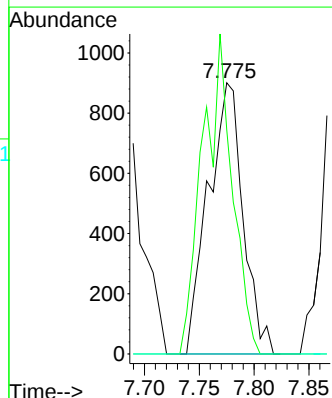
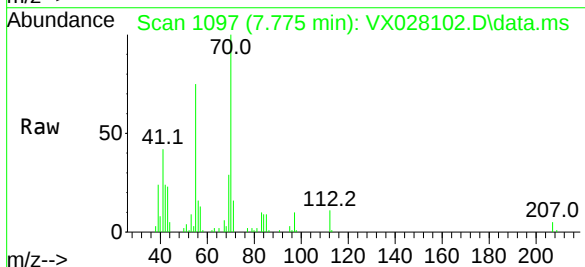
Tgt Ion: 83 Resp: 1987

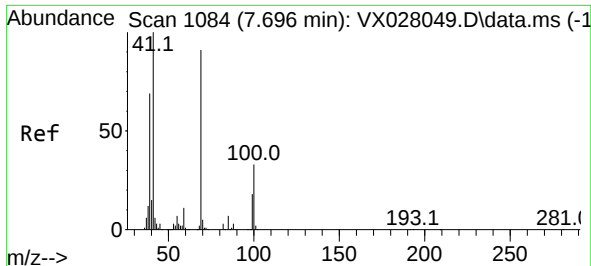
Ion Ratio Lower Upper

83 100

85 82.6 52.2 78.2#

127 0.0 6.8 10.2#





#48

Methyl methacrylate

Concen: 3.891 ug/l

RT: 7.659 min Scan# 1

Delta R.T. -0.037 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

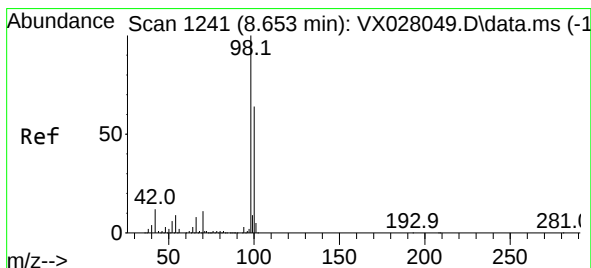
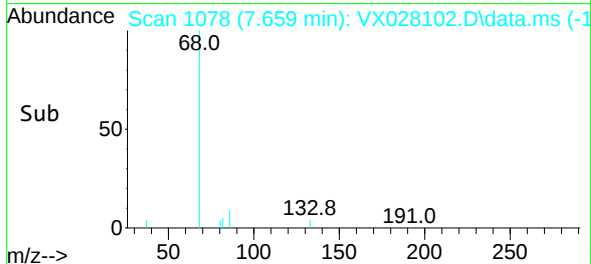
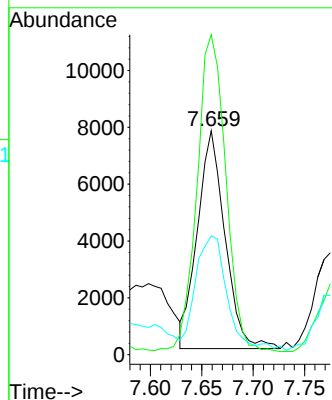
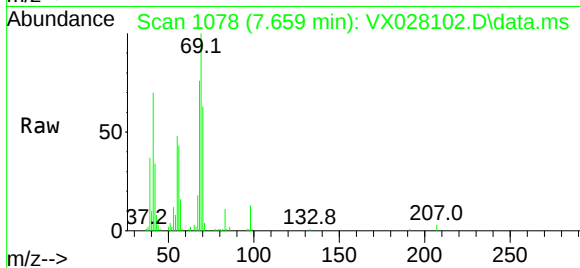
Tgt Ion: 41 Resp: 14358

Ion Ratio Lower Upper

41 100

69 151.9 82.5 123.7#

39 60.1 43.8 65.8



#50

Toluene-d8

Concen: 51.031 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX028102.D

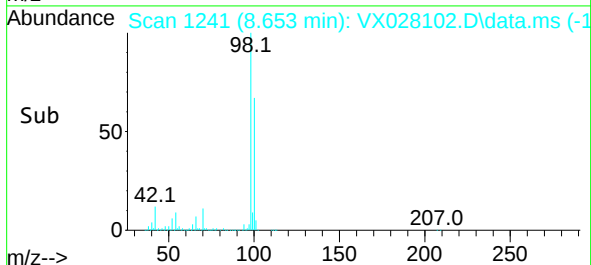
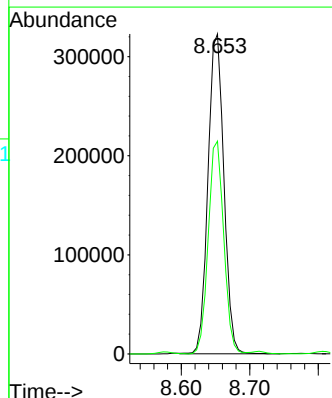
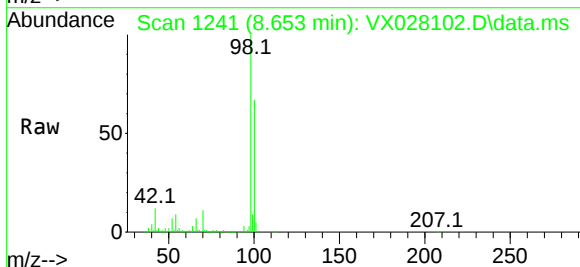
Acq: 14 Apr 2022 13:17

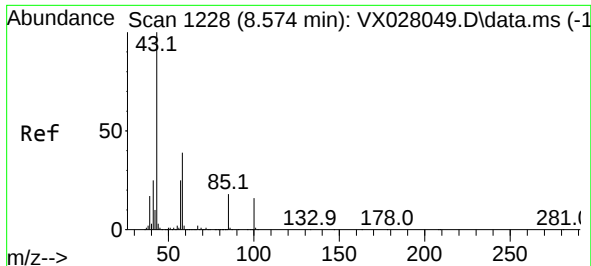
Tgt Ion: 98 Resp: 519374

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8

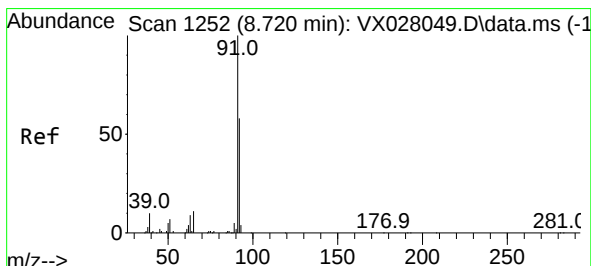
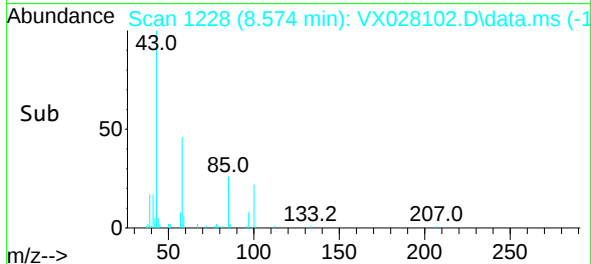
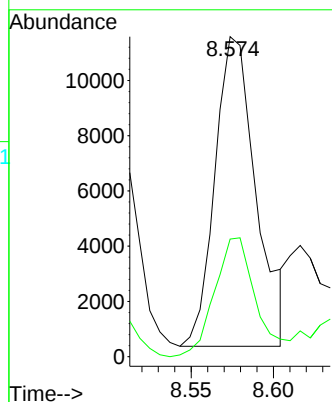
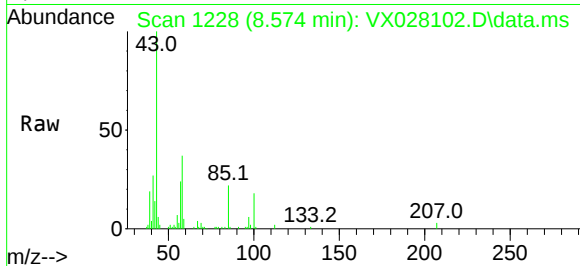




#51
4-Methyl-2-Pentanone
Concen: 3.789 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

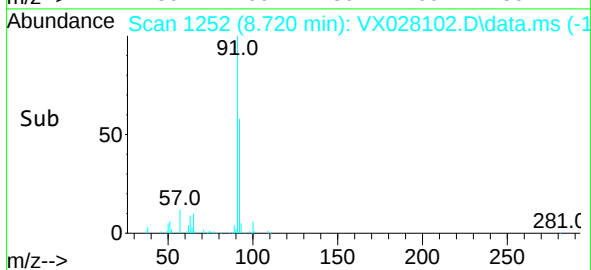
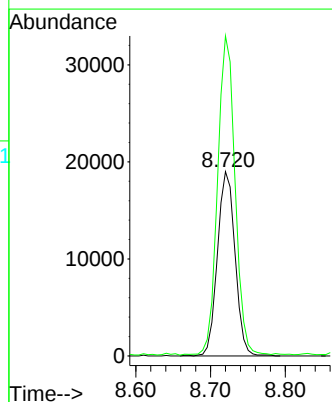
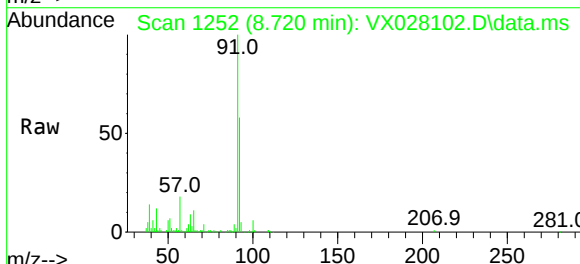
Instrument : MSVOA_X
ClientSampleId : MW-24

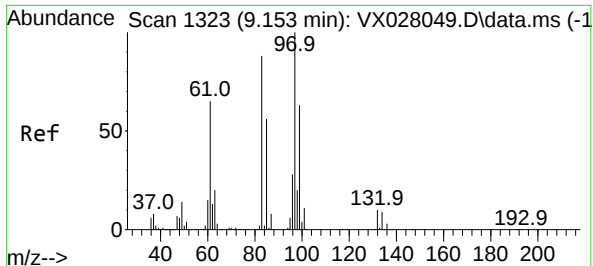
Tgt Ion: 43 Resp: 19528
Ion Ratio Lower Upper
43 100
58 38.7 36.1 54.1



#52
Toluene
Concen: 3.850 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 92 Resp: 31104
Ion Ratio Lower Upper
92 100
91 170.4 137.5 206.3





#55

1,1,2-Trichloroethane

Concen: 5.952 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.049 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

Tgt Ion: 97 Resp: 19497

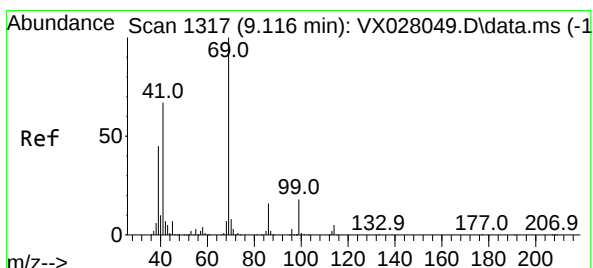
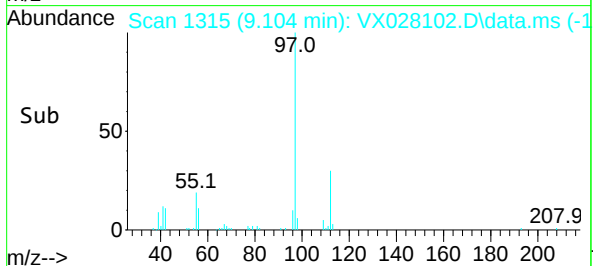
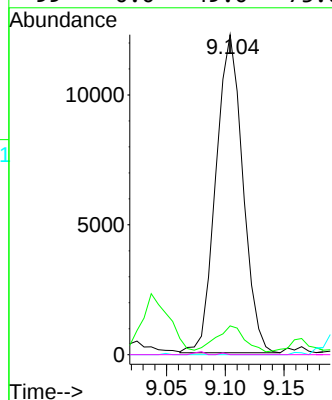
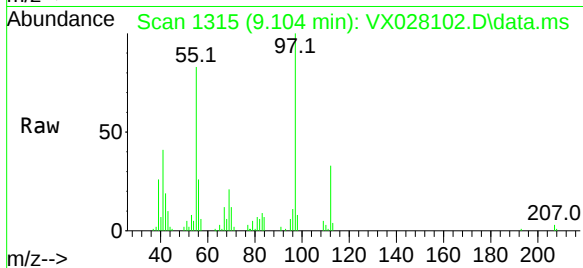
Ion Ratio Lower Upper

97 100

83 7.4 66.2 99.4#

85 0.0 42.9 64.3#

99 0.0 49.0 73.6#



#56

Ethyl methacrylate

Concen: 0.781 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

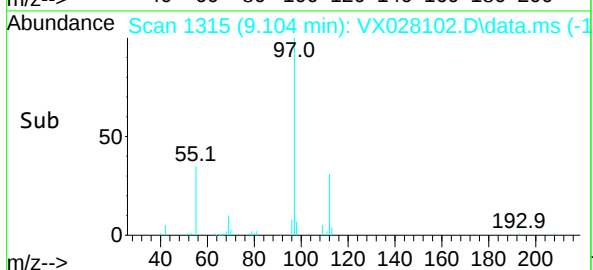
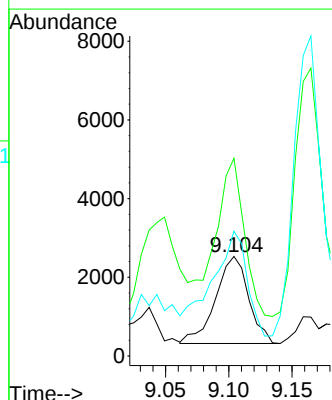
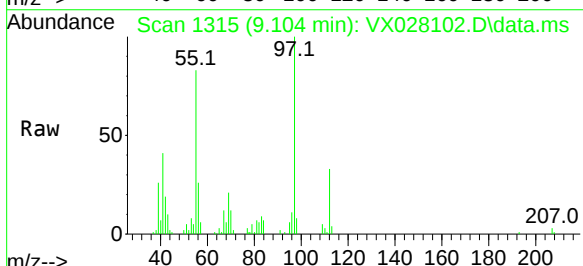
Tgt Ion: 69 Resp: 4020

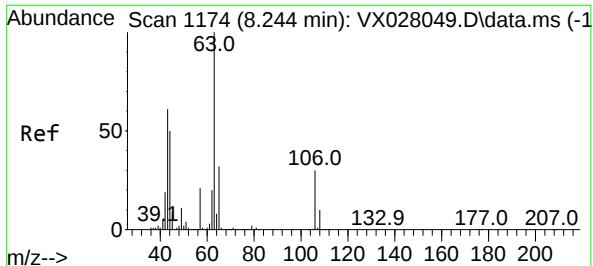
Ion Ratio Lower Upper

69 100

41 144.3 43.8 65.6#

39 129.1 22.2 33.2#





#58

2-Chloroethyl Vinyl ether

Concen: 0.445 ug/l

RT: 8.196 min Scan# 1174

Delta R.T. -0.048 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

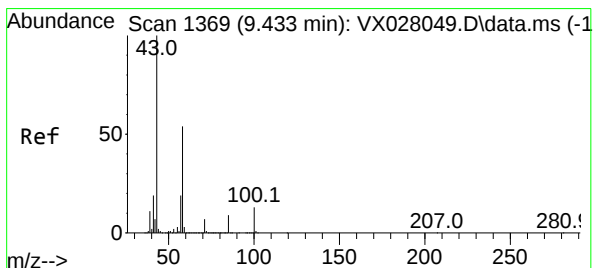
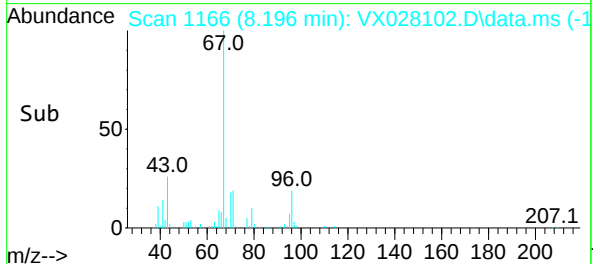
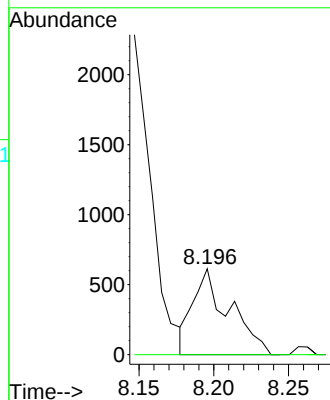
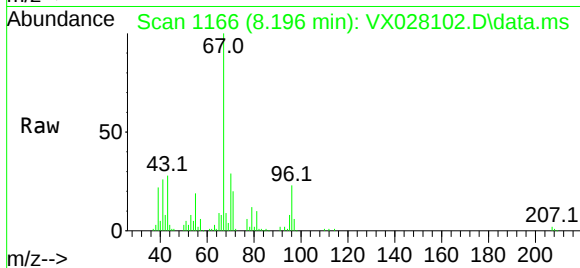
MW-24

Tgt Ion: 63 Resp: 1033

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#



#59

2-Hexanone

Concen: 6.649 ug/l

RT: 9.451 min Scan# 1372

Delta R.T. 0.018 min

Lab File: VX028102.D

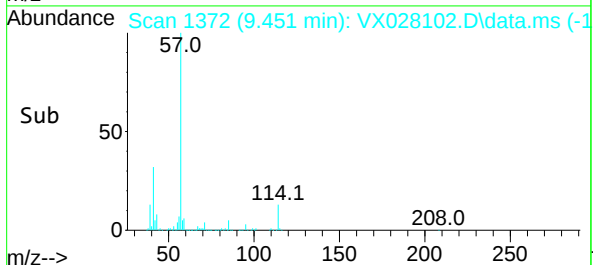
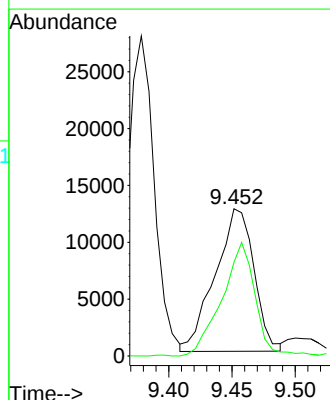
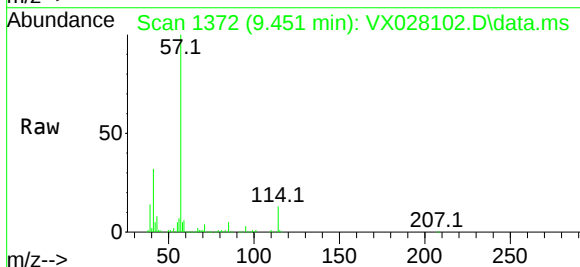
Acq: 14 Apr 2022 13:17

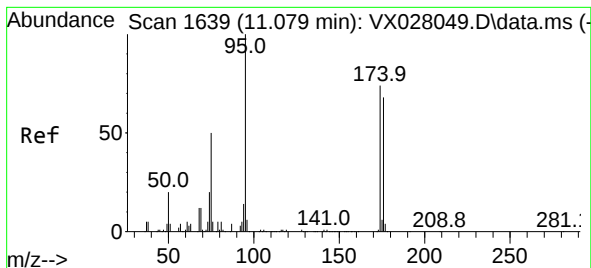
Tgt Ion: 43 Resp: 26839

Ion Ratio Lower Upper

43 100

58 68.2 31.9 95.7

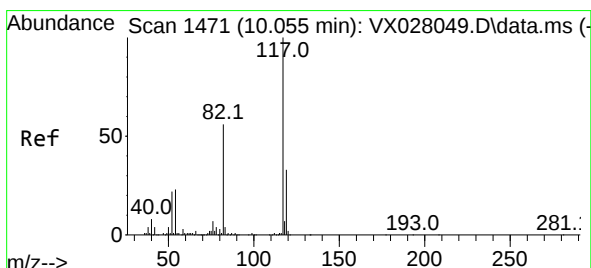
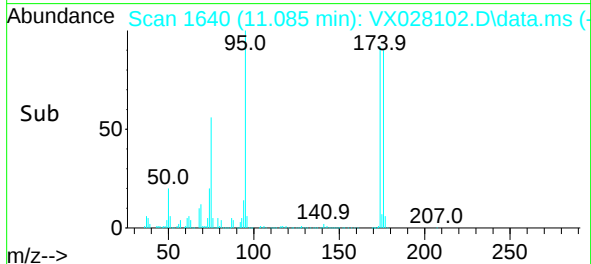
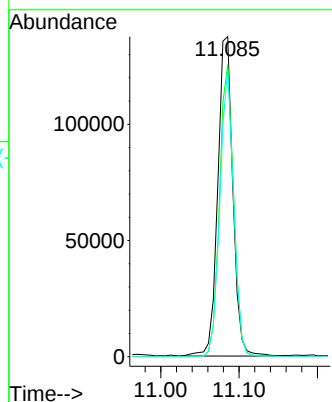
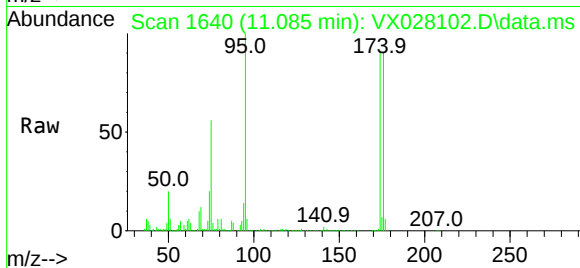




#62
4-Bromofluorobenzene
Concen: 48.452 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

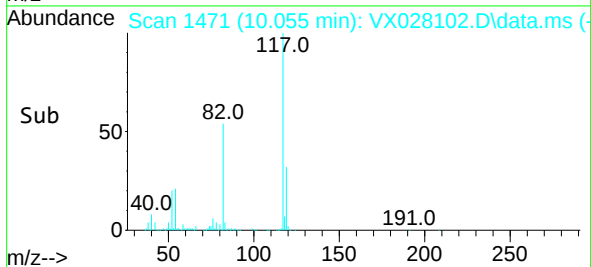
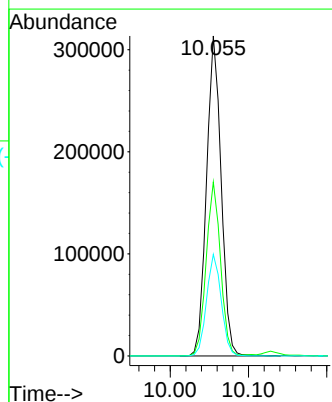
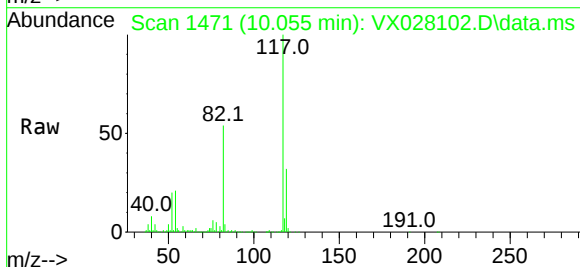
Instrument :
MSVOA_X
ClientSampleId :
MW-24

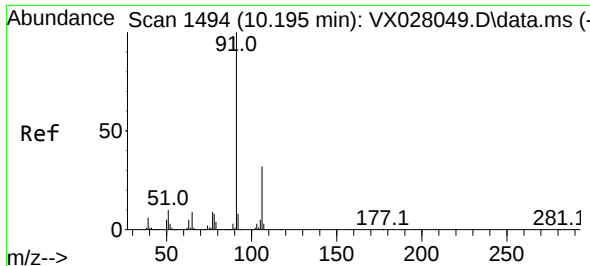
Tgt Ion: 95 Resp: 184123
Ion Ratio Lower Upper
95 100
174 86.0 0.0 163.0
176 82.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 117 Resp: 405868
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 31.7 24.8 37.2

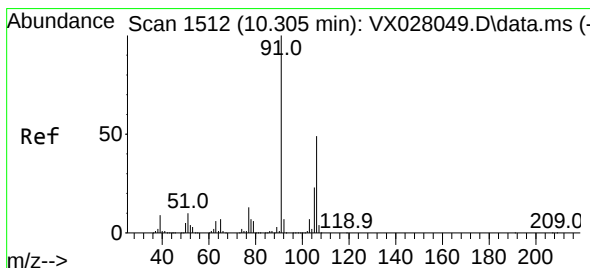
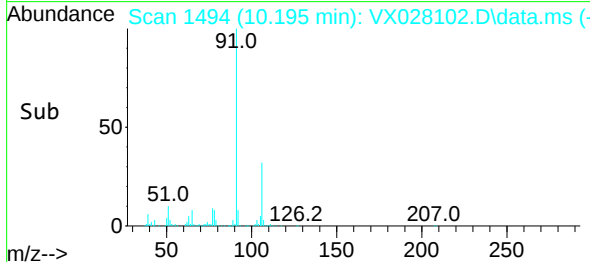
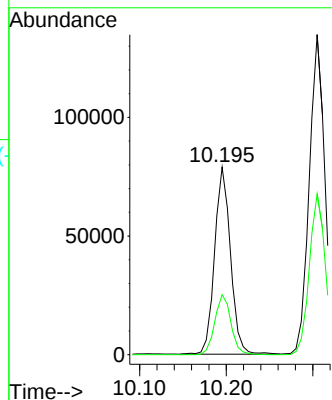
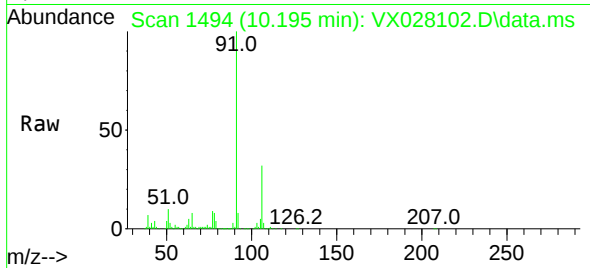




#67
Ethyl Benzene
Concen: 6.442 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

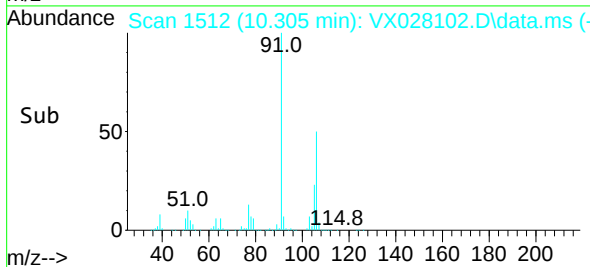
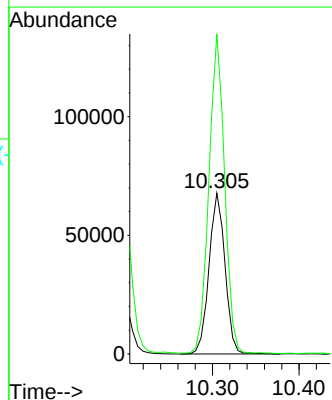
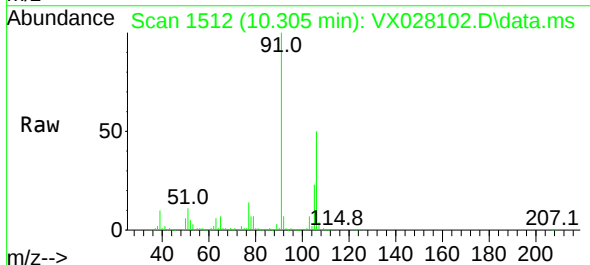
Instrument :
MSVOA_X
ClientSampleId :
MW-24

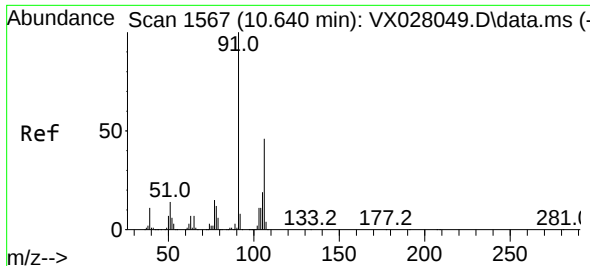
Tgt Ion: 91 Resp: 100455
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 13.338 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 106 Resp: 86856
Ion Ratio Lower Upper
106 100
91 194.7 160.4 240.6

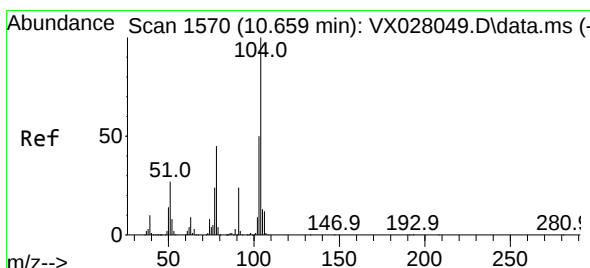
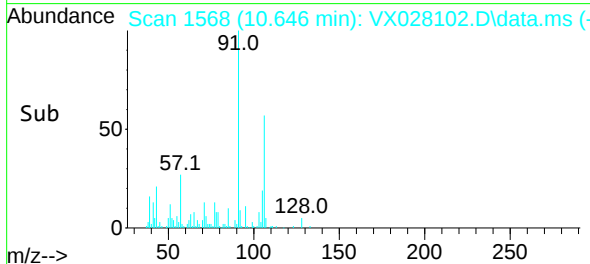
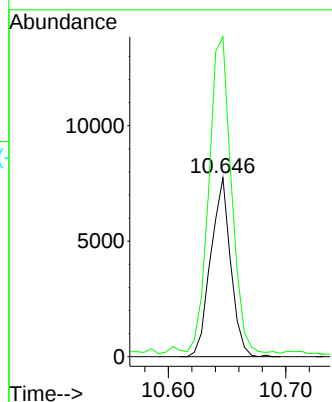
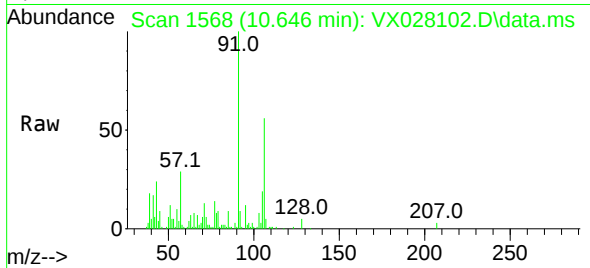




#69
o-Xylene
Concen: 1.442 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

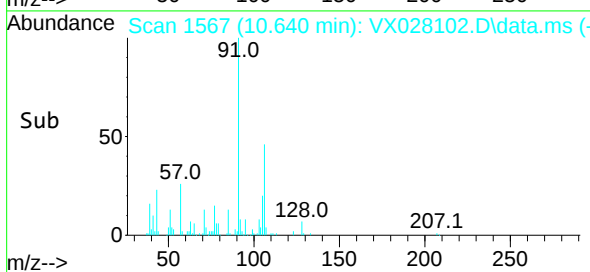
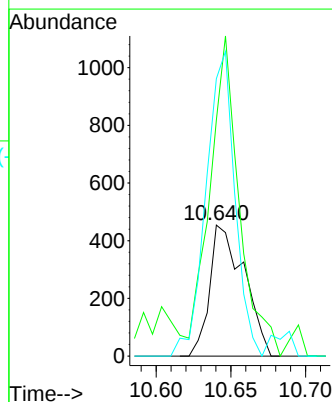
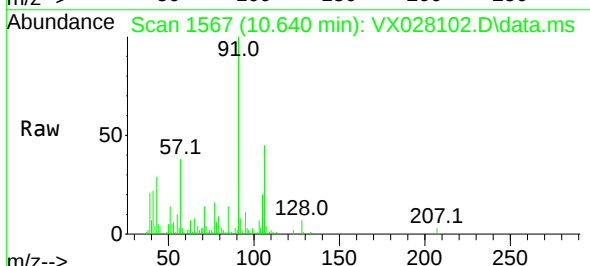
Instrument :
MSVOA_X
ClientSampleId :
MW-24

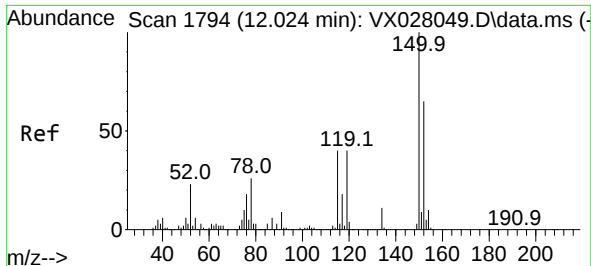
Tgt Ion:106 Resp: 9130
Ion Ratio Lower Upper
106 100
91 203.1 106.1 318.1



#70
Styrene
Concen: 4.757 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion:104 Resp: 726
Ion Ratio Lower Upper
104 100
78 208.4 38.6 57.8#
103 195.5 43.8 65.8#

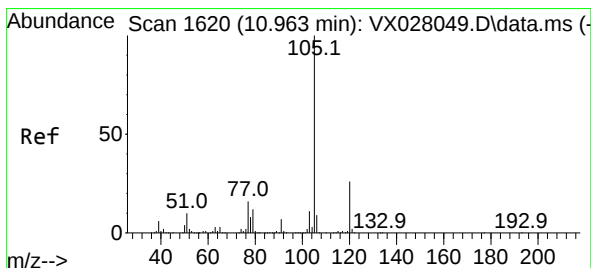
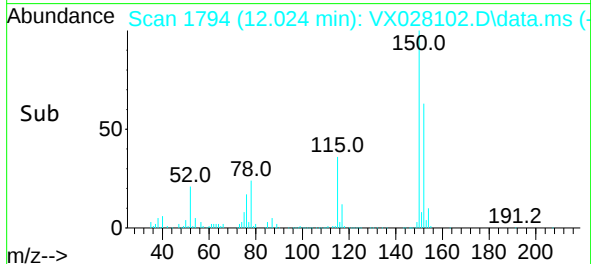
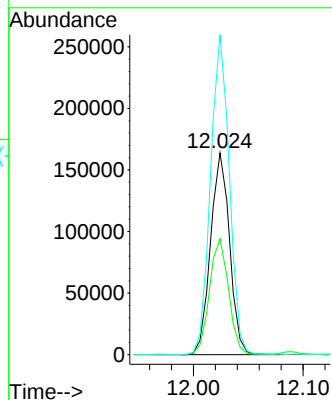
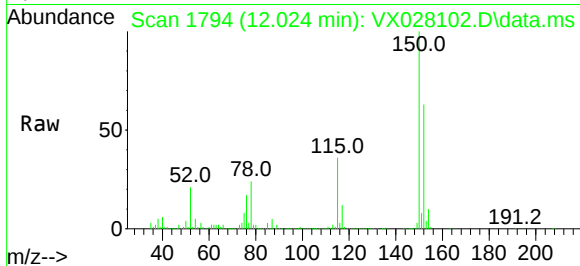




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

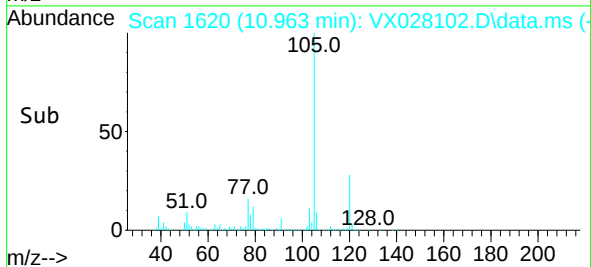
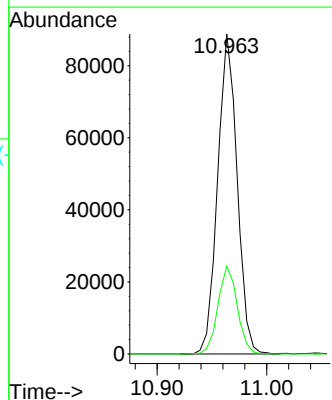
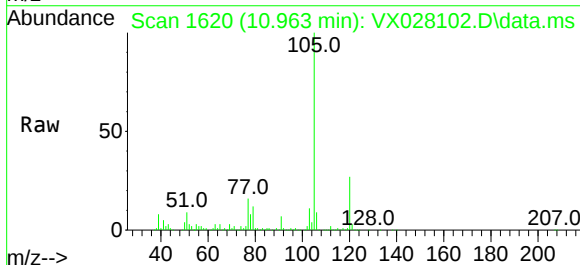
Instrument :
MSVOA_X
ClientSampleId :
MW-24

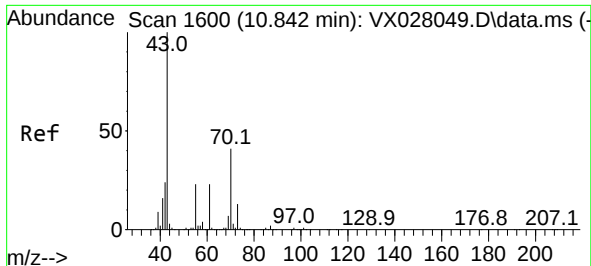
Tgt Ion:152 Resp: 197855
Ion Ratio Lower Upper
152 100
115 57.4 37.5 112.7
150 156.6 0.0 338.2



#73
Isopropylbenzene
Concen: 7.795 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

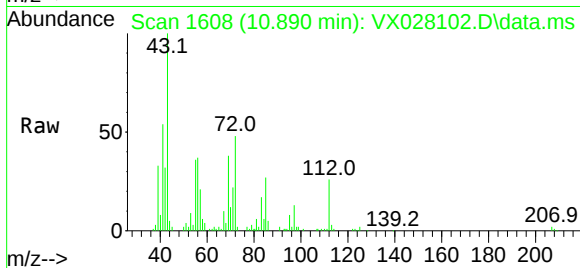
Tgt Ion:105 Resp: 109567
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.5



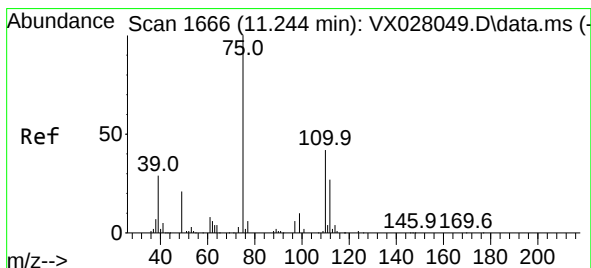
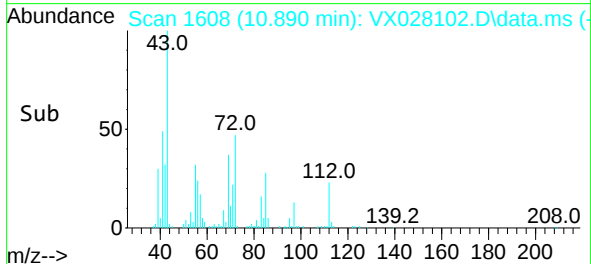
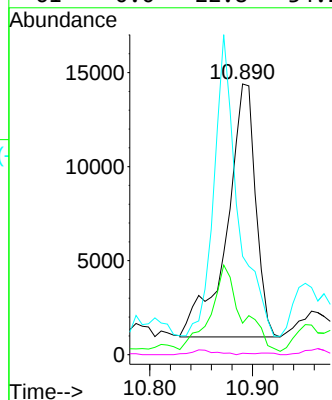


#74
N-amy1 acetate
Concen: 4.319 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.048 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Instrument :
MSVOA_X
ClientSampleId :
MW-24

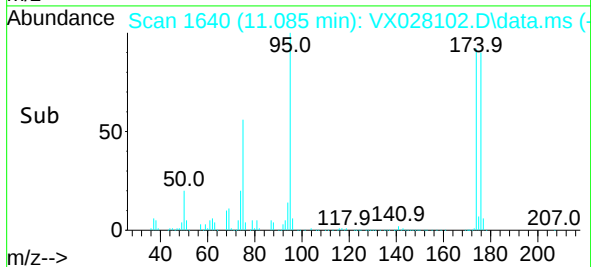
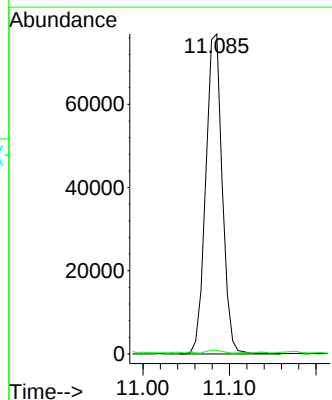
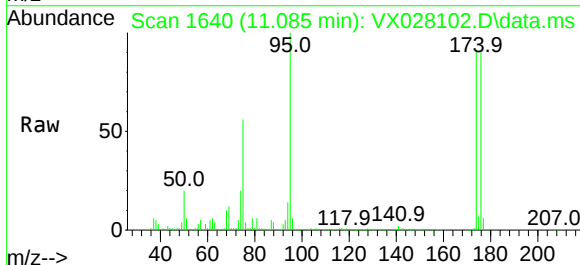


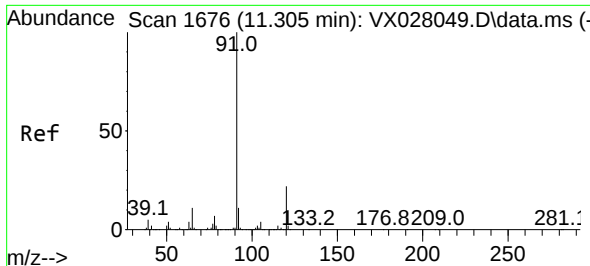
Tgt Ion: 43 Resp: 26234
Ion Ratio Lower Upper
43 100
70 37.1 42.5 63.7#
55 98.1 23.1 34.7#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 23.049 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 75 Resp: 101526
Ion Ratio Lower Upper
75 100
77 0.8 19.4 58.2#

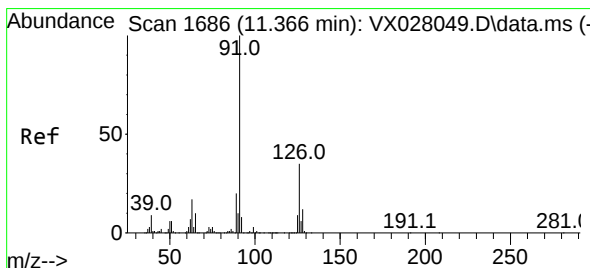
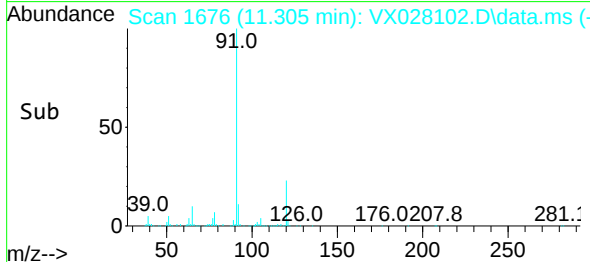
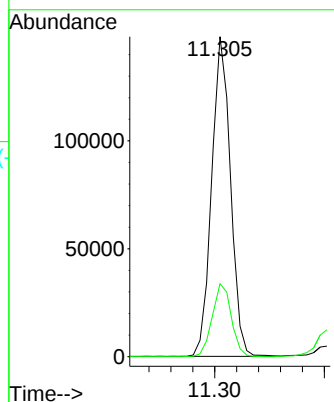
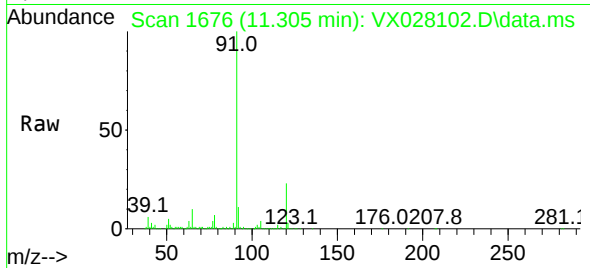




#78
n-propylbenzene
Concen: 10.806 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

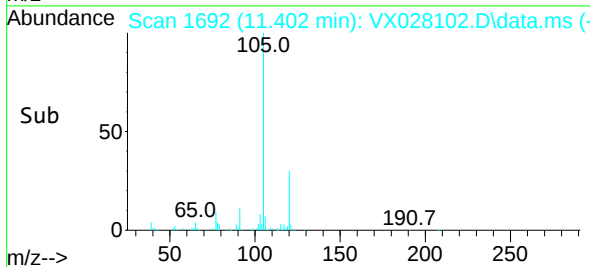
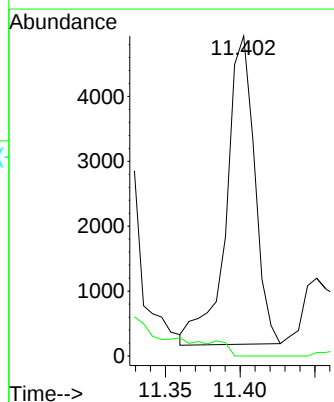
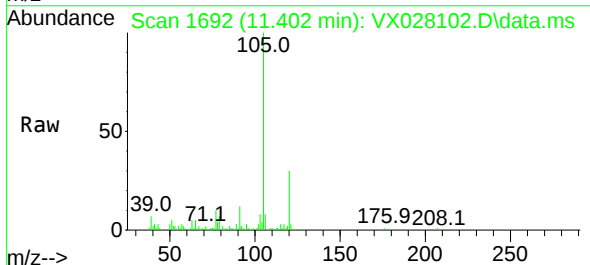
Instrument :
MSVOA_X
ClientSampleId :
MW-24

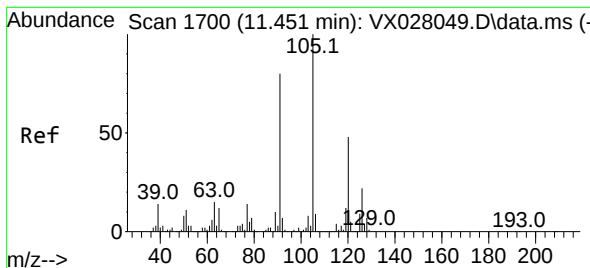
Tgt Ion: 91 Resp: 176525
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8



#79
2-Chlorotoluene
Concen: 0.632 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.036 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 91 Resp: 6257
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 0.639 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

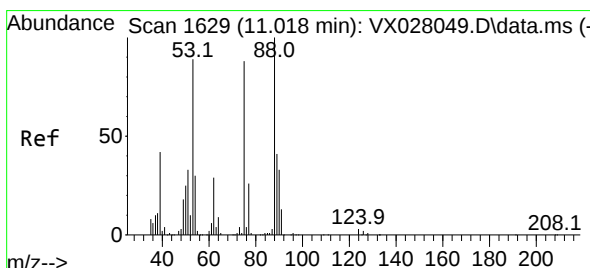
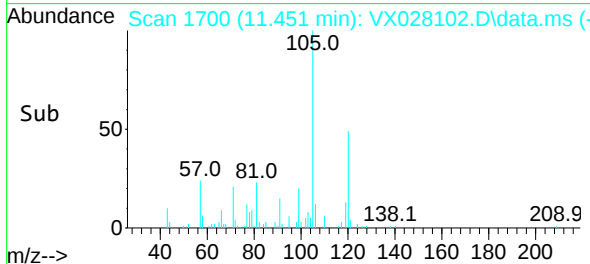
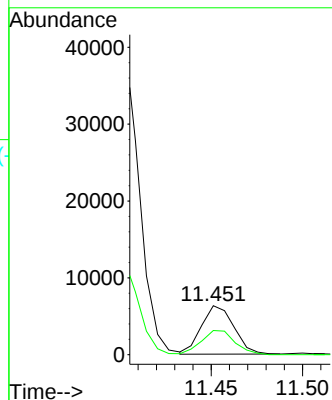
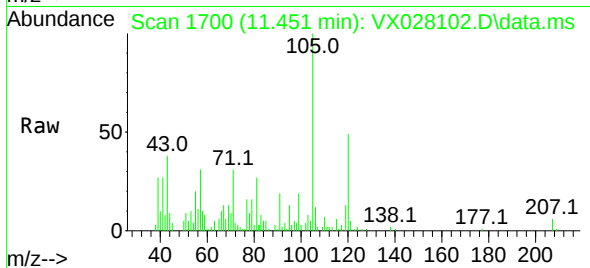
MW-24

Tgt Ion:105 Resp: 7756

Ion Ratio Lower Upper

105 100

120 52.2 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 64.918 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

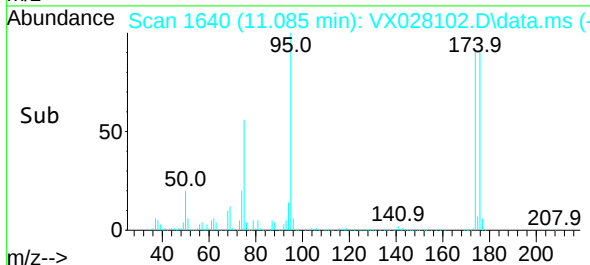
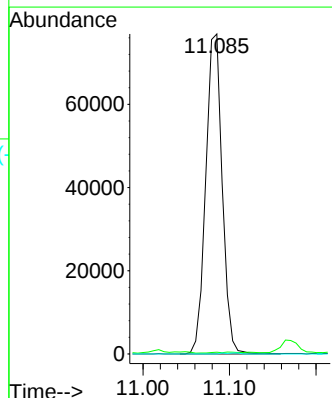
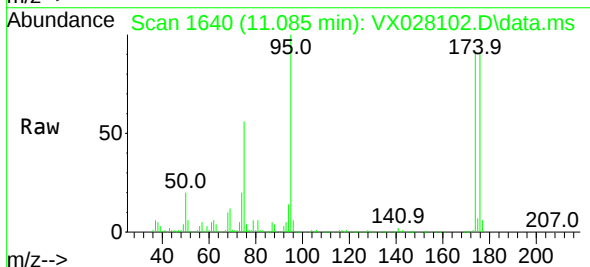
Tgt Ion: 75 Resp: 101526

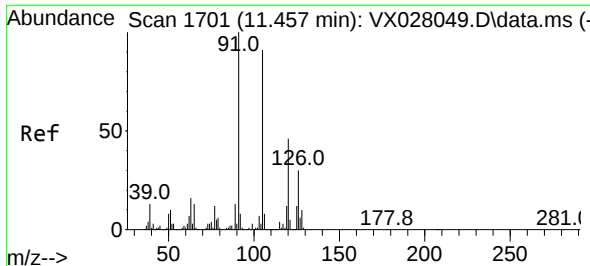
Ion Ratio Lower Upper

75 100

53 0.4 69.0 103.4#

89 0.0 37.0 55.6#

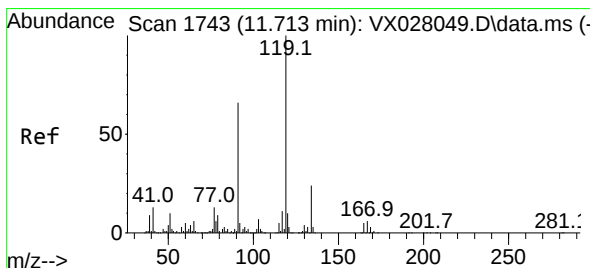
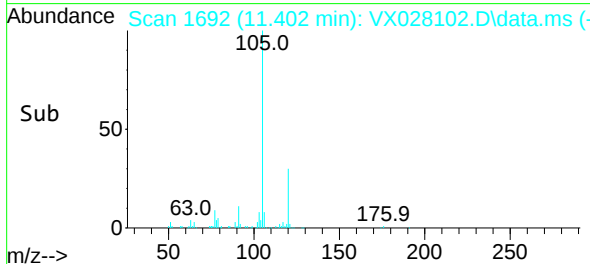
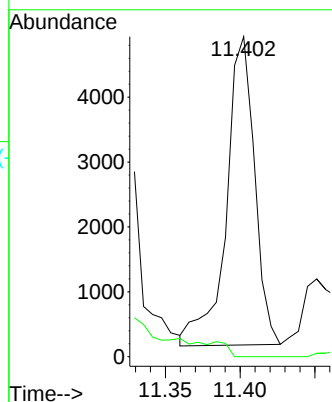
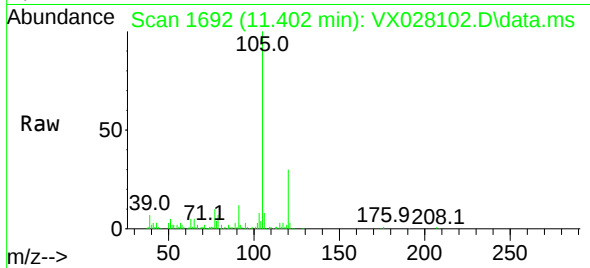




#82
4-Chlorotoluene
Concen: 0.537 ug/l
RT: 11.402 min Scan# 1785
Delta R.T. -0.055 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

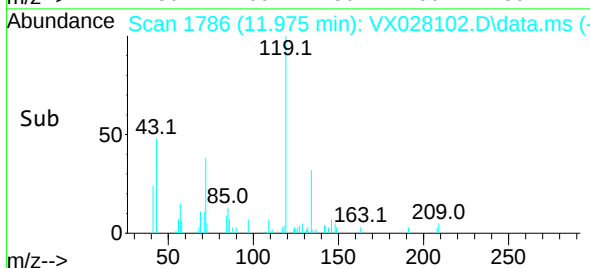
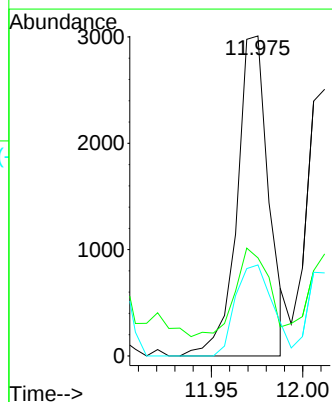
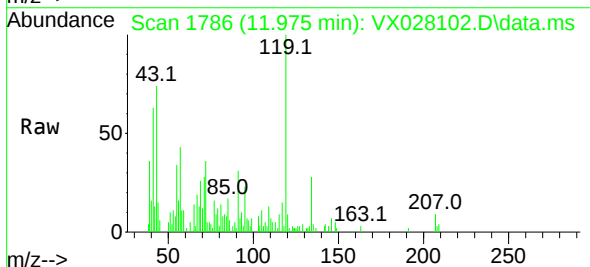
Instrument :
MSVOA_X
ClientSampleId :
MW-24

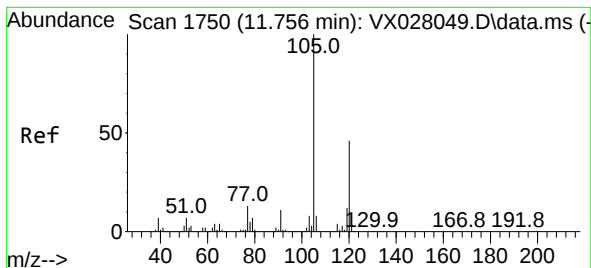
Tgt Ion: 91 Resp: 6257
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#83
tert-Butylbenzene
Concen: 0.308 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.262 min
Lab File: VX028102.D
Acq: 14 Apr 2022 13:17

Tgt Ion: 119 Resp: 3618
Ion Ratio Lower Upper
119 100
91 28.7 26.9 80.6
134 32.7 11.4 34.2





#84

1,2,4-Trimethylbenzene

Concen: 3.759 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

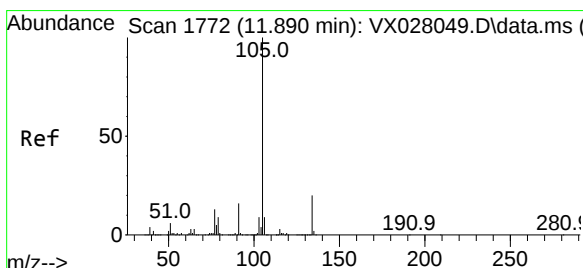
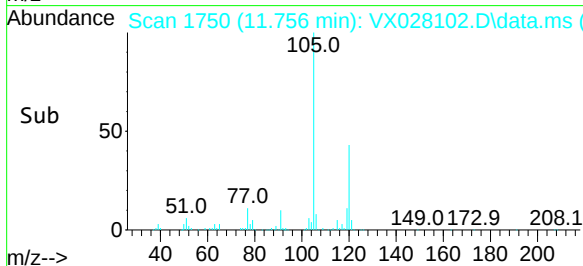
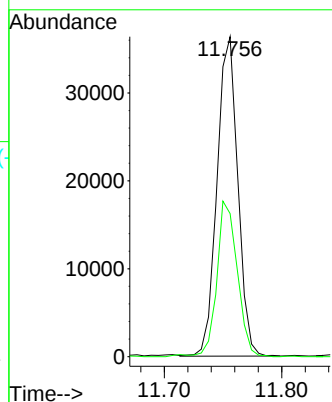
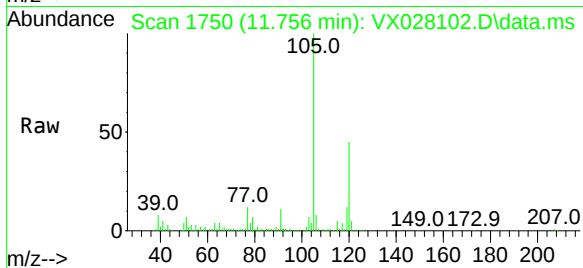
MW-24

Tgt Ion:105 Resp: 44678

Ion Ratio Lower Upper

105 100

120 48.0 22.6 67.8



#85

sec-Butylbenzene

Concen: 0.614 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX028102.D

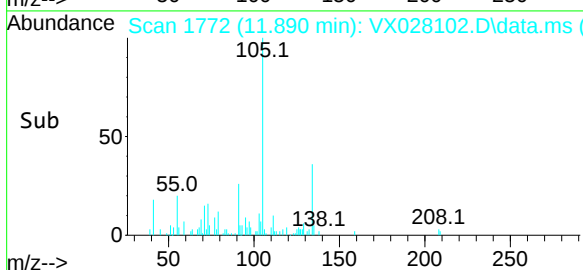
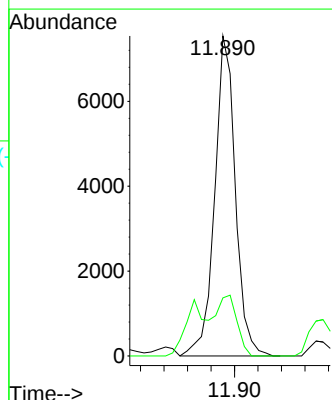
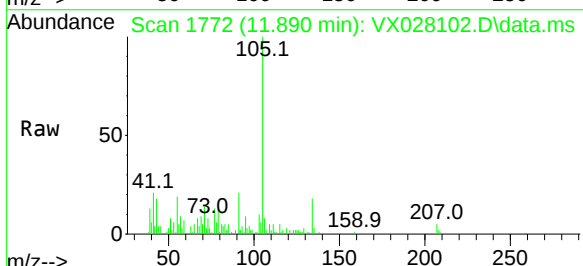
Acq: 14 Apr 2022 13:17

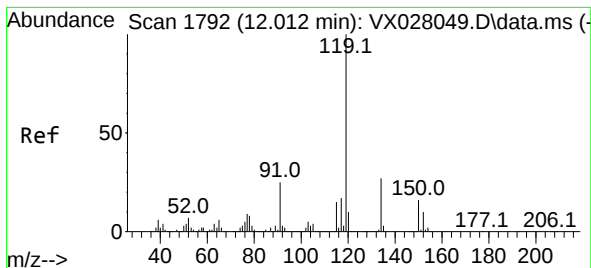
Tgt Ion:105 Resp: 9203

Ion Ratio Lower Upper

105 100

134 19.0 10.2 30.4





#86

p-Isopropyltoluene

Concen: 0.247 ug/l

RT: 12.012 min Scan# 119

Delta R.T. 0.000 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

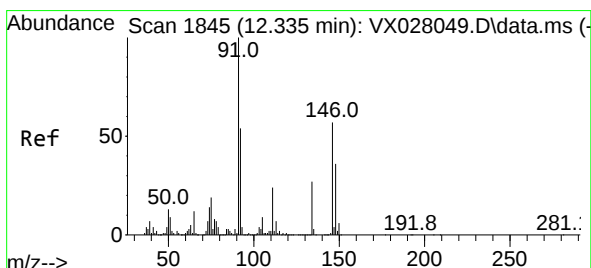
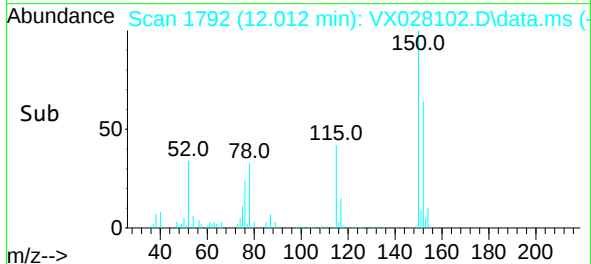
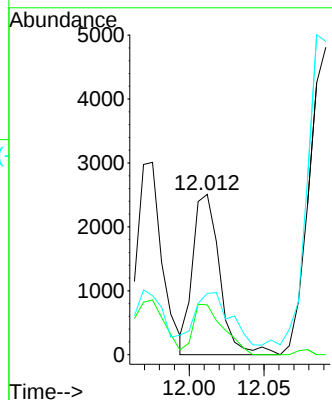
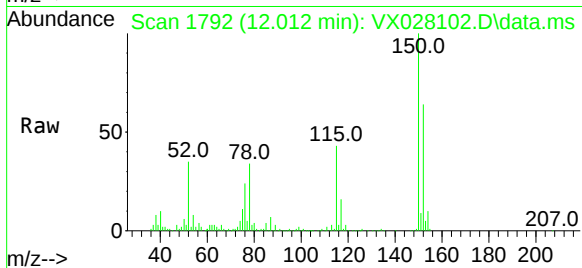
Tgt Ion:119 Resp: 3143

Ion Ratio Lower Upper

119 100

134 35.3 13.0 39.0

91 0.0 11.3 33.9#



#89

n-Butylbenzene

Concen: 1.020 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

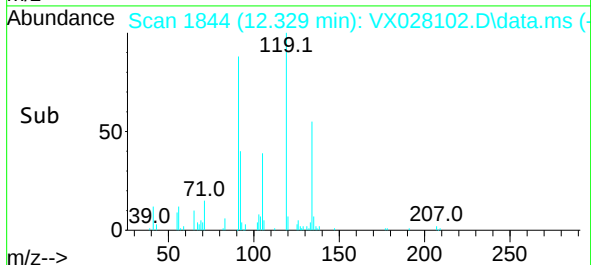
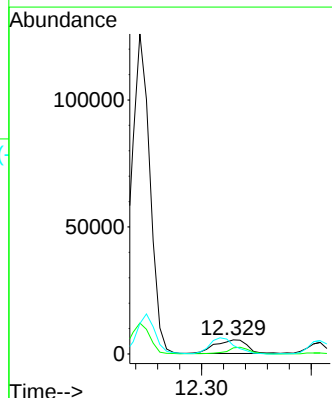
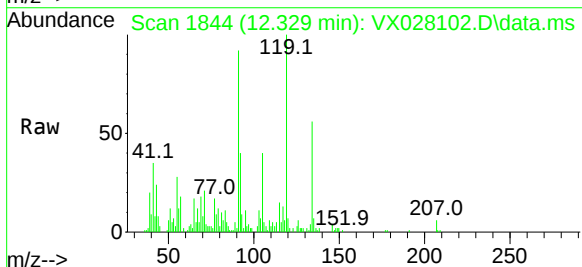
Tgt Ion: 91 Resp: 11087

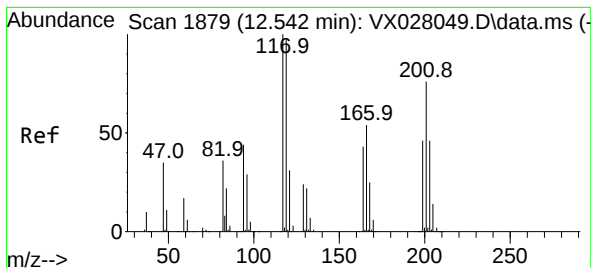
Ion Ratio Lower Upper

91 100

92 33.6 27.8 83.3

134 91.7 13.3 39.8#





#90

Hexachloroethane

Concen: 15.254 ug/l

RT: 12.646 min Scan# 1896

Delta R.T. 0.104 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

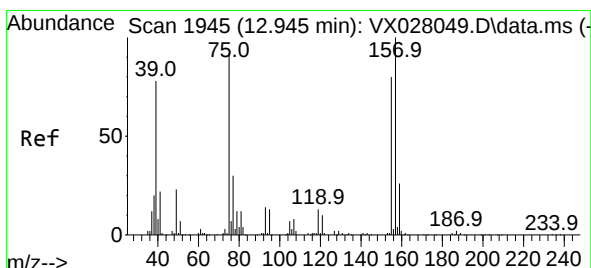
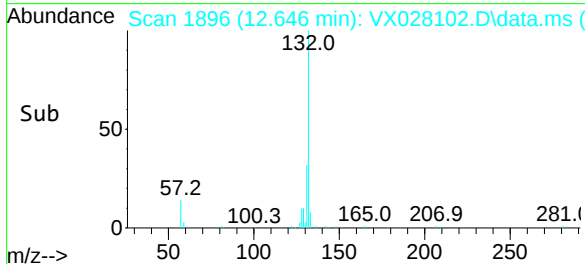
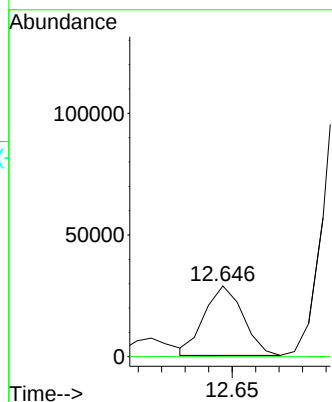
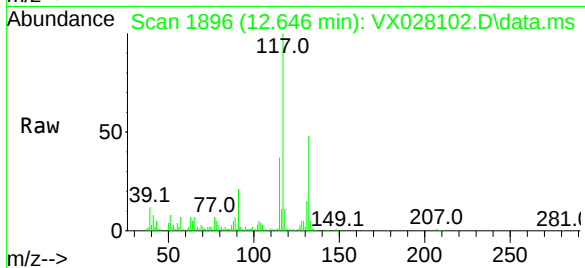
MW-24

Tgt Ion:117 Resp: 32561

Ion Ratio Lower Upper

117 100

201 0.1 39.5 118.5#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.625 ug/l

RT: 12.926 min Scan# 1942

Delta R.T. -0.019 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

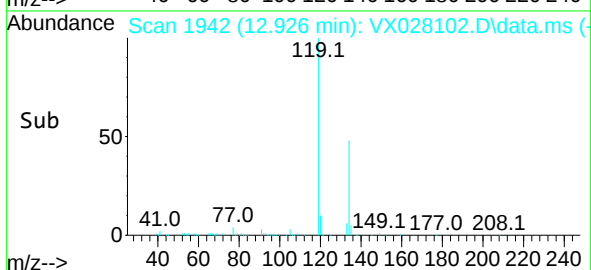
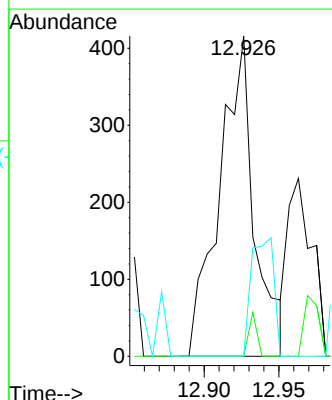
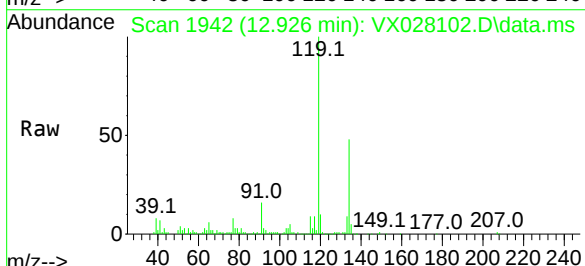
Tgt Ion: 75 Resp: 675

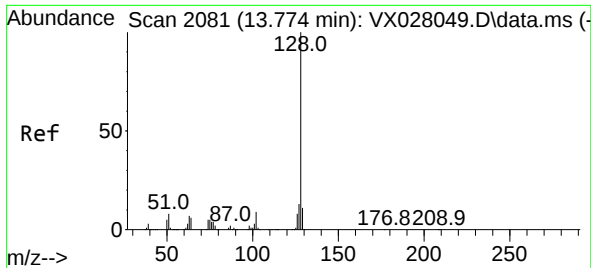
Ion Ratio Lower Upper

75 100

155 3.1 47.0 141.2#

157 23.7 57.9 173.6#





#95

Naphthalene

Concen: 25.457 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX028102.D

Acq: 14 Apr 2022 13:17

Instrument :

MSVOA_X

ClientSampleId :

MW-24

Tgt Ion:128 Resp: 332368

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.4 8.7 13.1

