

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120722\
 Data File : VX033304.D
 Acq On : 08 Dec 2022 00:10
 Operator : JC/MD
 Sample : N5906-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13R

Quant Time: Dec 08 01:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	147228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	239511	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47147	49.916	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.840%		
35) Dibromofluoromethane	5.385	113	51060	47.397	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.653	98	117230	52.019	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	104.040%		
62) 4-Bromofluorobenzene	11.079	95	98514	57.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	114.340%		
Target Compounds						Qvalue
3) Chloromethane	1.288	50	244	0.205	ug/l #	43
11) Tert butyl alcohol	2.983	59	54207	187.717	ug/l	99
13) Acrolein	2.215	56	6751	21.556	ug/l #	1
14) Allyl chloride	2.721	41	7270	3.411	ug/l #	20
15) Acrylonitrile	3.105	53	7877	11.012	ug/l #	39
16) Acetone	2.343	43	12712	18.188	ug/l #	55
18) Methyl Acetate	2.782	43	115660	57.165	ug/l #	51
19) Methyl tert-butyl Ether	3.111	73	111927	24.209	ug/l #	1
20) Methylene Chloride	2.727	84	2747	1.762	ug/l #	13
22) Diisopropyl ether	3.757	45	10972	2.403	ug/l #	85
23) Vinyl Acetate	3.739	43	10674	3.011	ug/l #	72
25) 2-Butanone	4.434	43	5442	5.424	ug/l #	47
27) cis-1,2-Dichloroethene	4.501	96	428	0.245	ug/l	88
29) Tetrahydrofuran	5.032	42	266	0.409	ug/l #	51
30) Chloroform	5.178	83	14388	4.830	ug/l #	21
31) Cyclohexane	5.477	56	162031	72.184	ug/l	91
36) 1,1-Dichloropropene	5.562	75	11429	5.442	ug/l #	50
38) Carbon Tetrachloride	5.550	117	14727	6.258	ug/l #	15
39) Methylcyclohexane	7.385	83	158416	67.385	ug/l	98
40) Benzene	6.044	78	1381779	225.638	ug/l	100
41) Methacrylonitrile	4.952	41	3819	3.491	ug/l #	21
42) 1,2-Dichloroethane	6.044	62	14026	5.768	ug/l #	77
43) Isopropyl Acetate	6.355	43	5512	1.725	ug/l #	61
45) 1,2-Dichloropropane	7.385	63	2206	1.409	ug/l #	1
46) Dibromomethane	7.556	93	370	0.310	ug/l #	1
47) Bromodichloromethane	7.769	83	1442	0.620	ug/l #	87
48) Methyl methacrylate	7.659	41	18607	11.286	ug/l #	45
51) 4-Methyl-2-Pentanone	8.610	43	7240	3.584	ug/l #	54
52) Toluene	8.720	92	131837	33.297	ug/l	100
53) t-1,3-Dichloropropene	9.159	75	112	2.548	ug/l #	1
55) 1,1,2-Trichloroethane	9.104	97	20308	12.202	ug/l #	19
56) Ethyl methacrylate	9.098	69	5313	2.267	ug/l #	61
58) 2-Chloroethyl Vinyl ether	8.190	63	684	0.638	ug/l #	46
59) 2-Hexanone	9.452	43	2074	1.393	ug/l	67
60) Dibromochloromethane	9.275	129	1252	0.683	ug/l #	11
64) Tetrachloroethene	9.275	164	1325	0.866	ug/l	95

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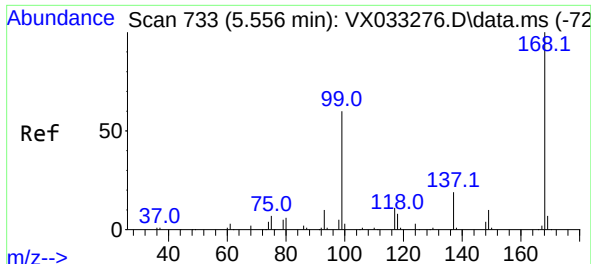
Quant Time: Dec 08 01:45:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) Chlorobenzene	10.079	112	2255	0.498	ug/l #	82
67) Ethyl Benzene	10.195	91	3009622	381.181	ug/l	96
68) m/p-Xylenes	10.305	106	565062	183.946	ug/l	97
69) o-Xylene	10.640	106	177858	58.576	ug/l	99
70) Styrene	10.640	104	10535	2.118	ug/l #	1
73) Isopropylbenzene	10.963	105	734231	87.675	ug/l	99
76) 1,2,3-Trichloropropane	11.305	75	14486	6.162	ug/l #	1
78) n-propylbenzene	11.305	91	2366960	253.129	ug/l	98
79) 2-Chlorotoluene	11.402	91	98483	17.042	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.451	105	106610	15.293	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.963	75	8237	10.900	ug/l #	61
82) 4-Chlorotoluene	11.402	91	98483	14.656	ug/l #	45
83) tert-Butylbenzene	11.756	119	161885	23.288	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.756	105	1313952	188.829	ug/l	97
85) sec-Butylbenzene	11.890	105	126768	15.630	ug/l	98
86) p-Isopropyltoluene	11.969	119	48719	6.967	ug/l	99
89) n-Butylbenzene	12.329	91	180504	31.518	ug/l #	72
90) Hexachloroethane	12.616	117	111897	94.145	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	12.963	75	3213	5.599	ug/l #	1
95) Naphthalene	13.774	128	1852298	240.079	ug/l	99

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

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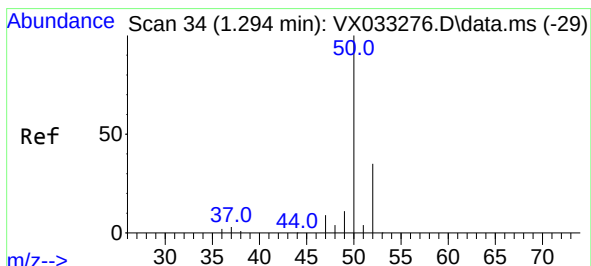
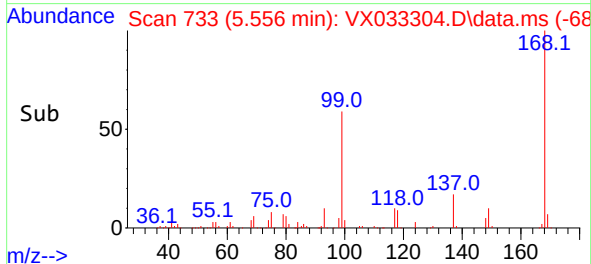
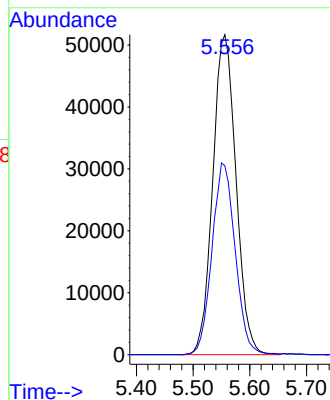
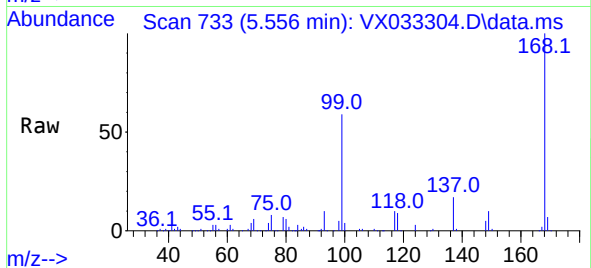




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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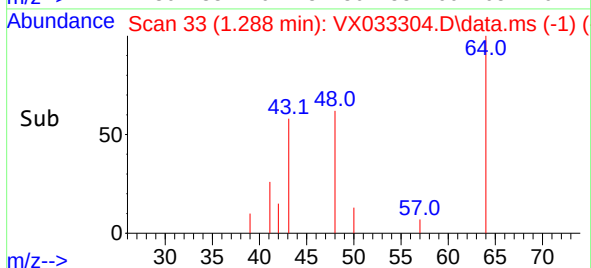
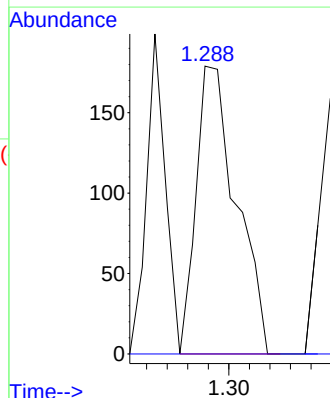
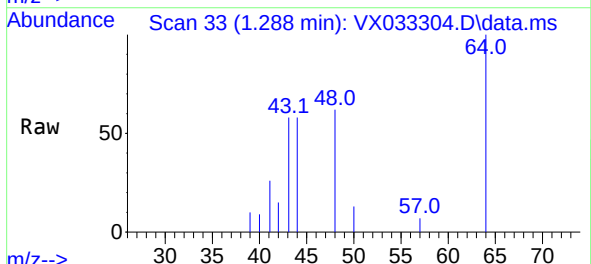
Instrument :
MSVOA_X
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MW-13R

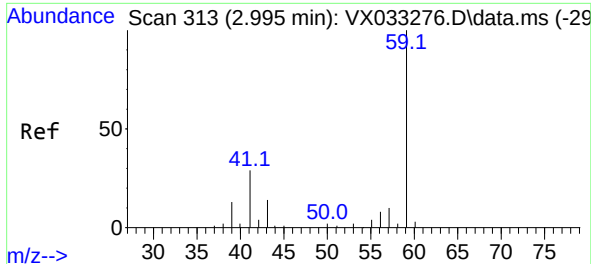
Tgt Ion:168 Resp: 147228
Ion Ratio Lower Upper
168 100
99 59.0 46.1 69.1



#3
Chloromethane
Concen: 0.205 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 50 Resp: 244
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#11

Tert butyl alcohol

Concen: 187.717 ug/l

RT: 2.983 min Scan# 31

Delta R.T. -0.012 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

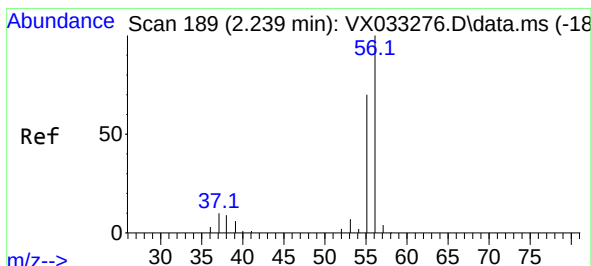
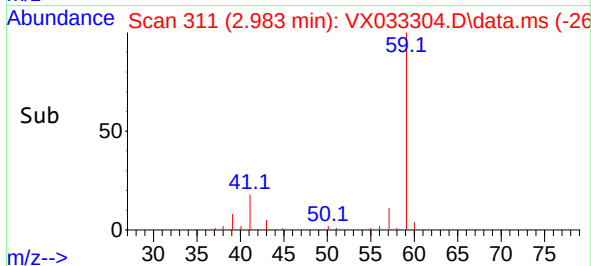
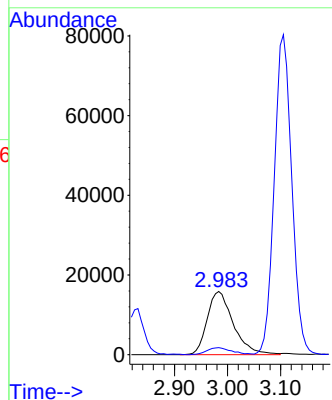
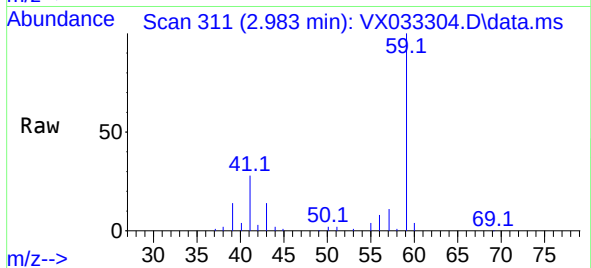
MW-13R

Tgt Ion: 59 Resp: 54207

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



#13

Acrolein

Concen: 21.556 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX033304.D

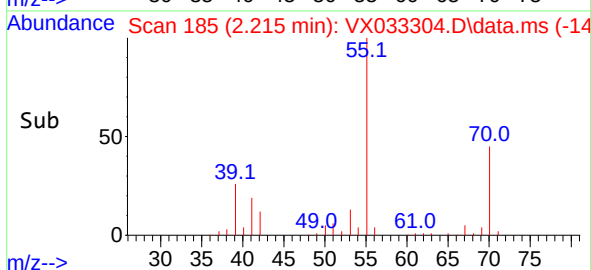
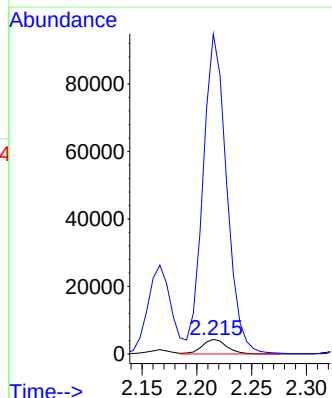
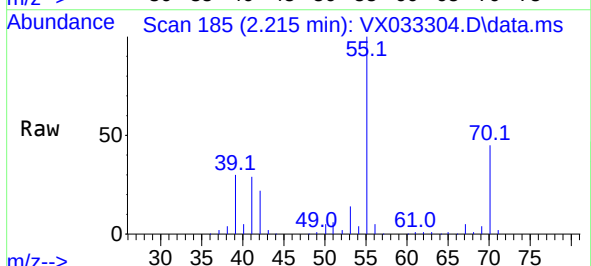
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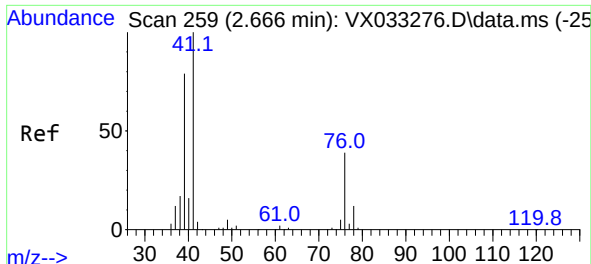
Tgt Ion: 56 Resp: 6751

Ion Ratio Lower Upper

56 100

55 2097.3 56.9 85.3#

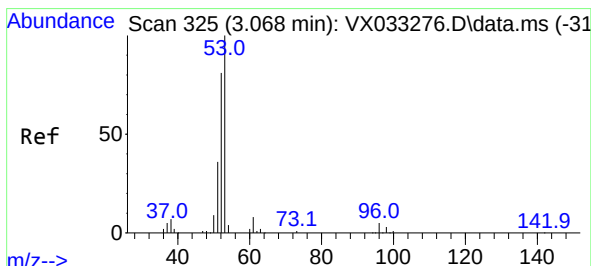
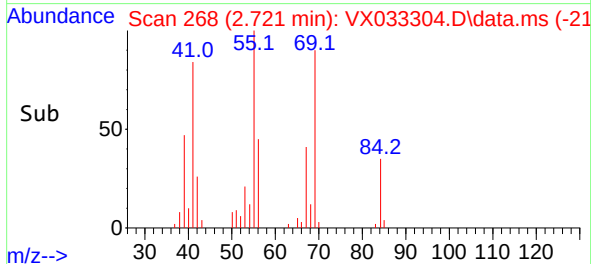
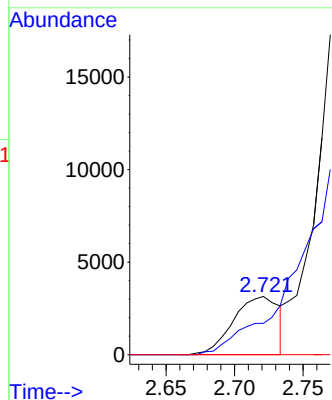
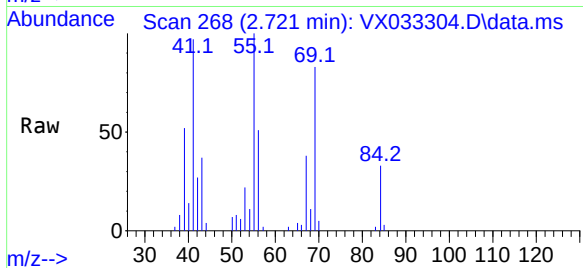




#14
 Allyl chloride
 Concen: 3.411 ug/l
 RT: 2.721 min Scan# 2
 Delta R.T. 0.055 min
 Lab File: VX033304.D
 Acq: 08 Dec 2022 00:10

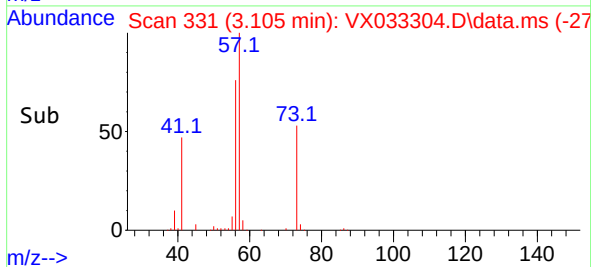
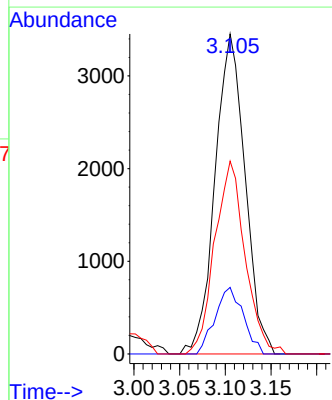
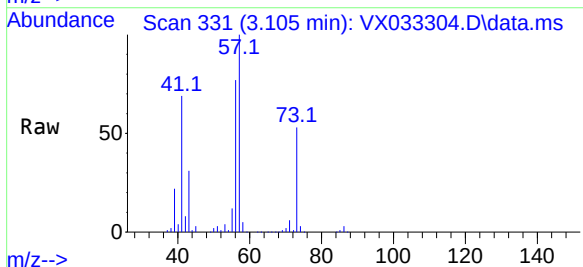
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13R

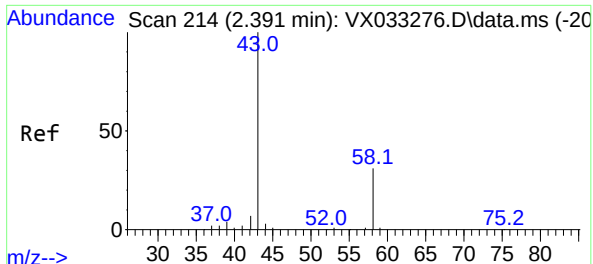
Tgt Ion: 41 Resp: 7270
 Ion Ratio Lower Upper
 41 100
 39 0.0 61.4 92.2#
 76 0.0 29.2 43.8#



#15
 Acrylonitrile
 Concen: 11.012 ug/l
 RT: 3.105 min Scan# 331
 Delta R.T. 0.037 min
 Lab File: VX033304.D
 Acq: 08 Dec 2022 00:10

Tgt Ion: 53 Resp: 7877
 Ion Ratio Lower Upper
 53 100
 52 19.5 67.4 101.0#
 51 61.0 30.3 45.5#

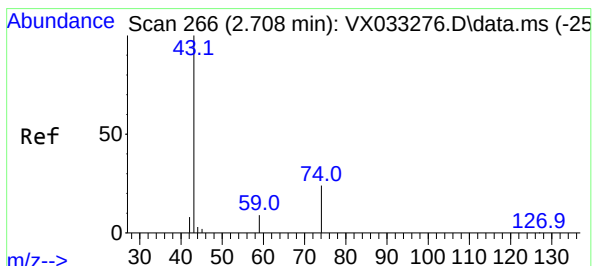
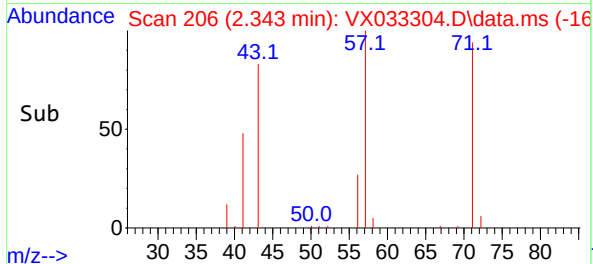
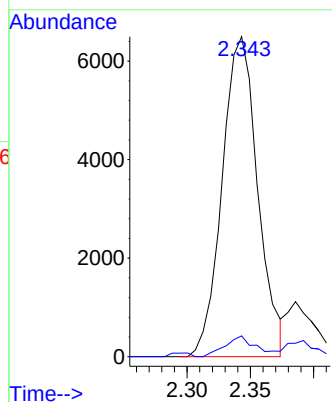
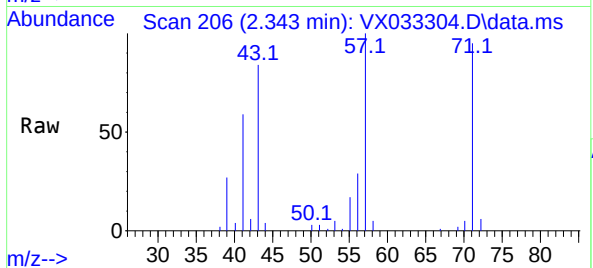




#16
Acetone
Concen: 18.188 ug/l
RT: 2.343 min Scan# 206
Delta R.T. -0.048 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

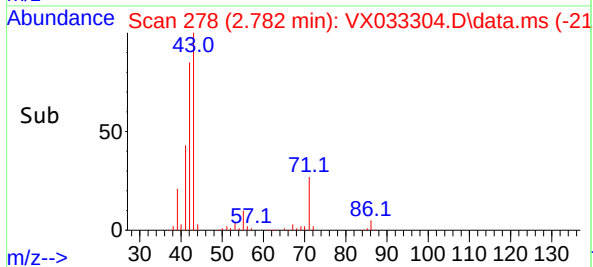
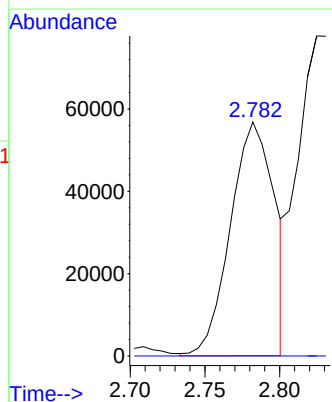
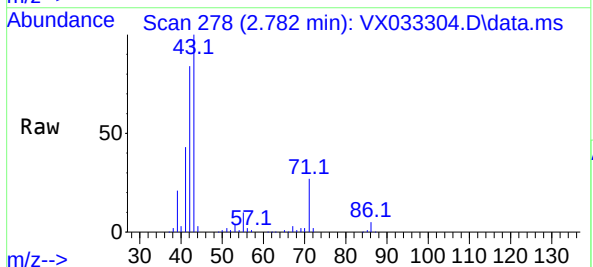
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ClientSampleId : MW-13R

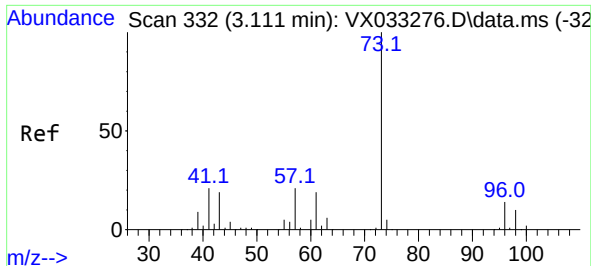
Tgt Ion: 43 Resp: 12712
Ion Ratio Lower Upper
43 100
58 5.4 23.8 35.8#



#18
Methyl Acetate
Concen: 57.165 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.074 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 43 Resp: 115660
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.0#

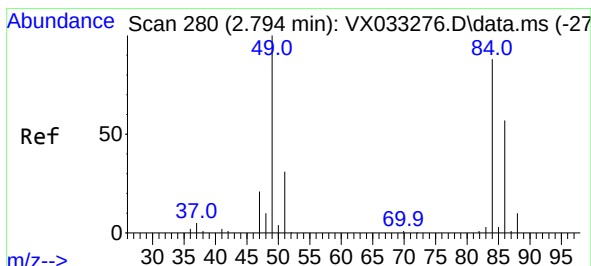
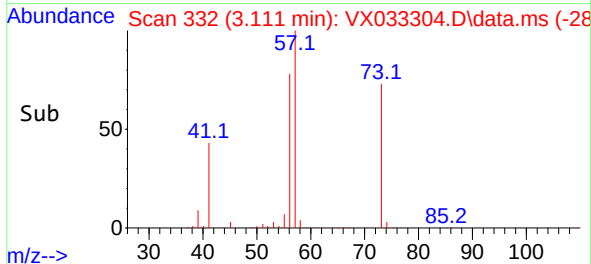
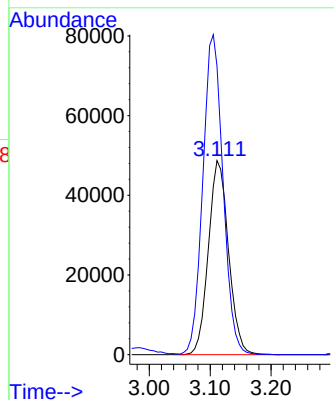
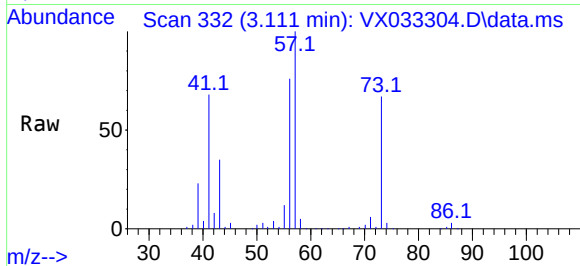




#19
Methyl tert-butyl Ether
Concen: 24.209 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

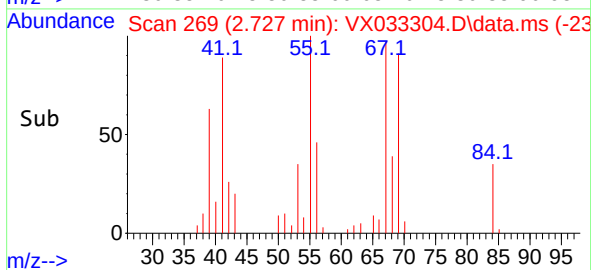
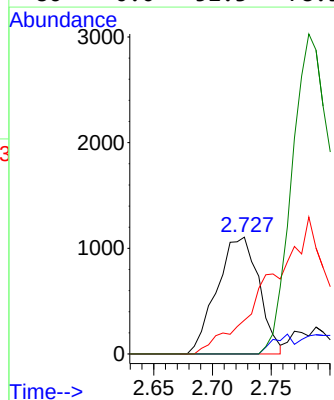
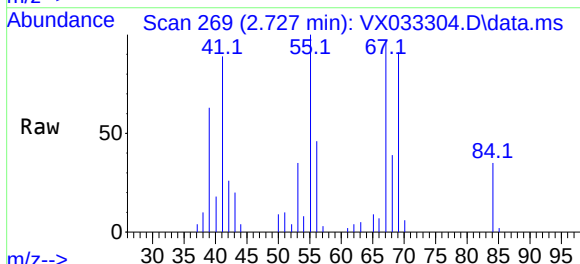
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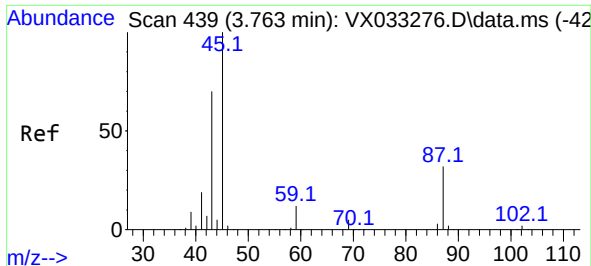
Tgt Ion: 73 Resp: 111927
Ion Ratio Lower Upper
73 100
57 148.6 16.6 25.0#



#20
Methylene Chloride
Concen: 1.762 ug/l
RT: 2.727 min Scan# 269
Delta R.T. -0.067 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 84 Resp: 2747
Ion Ratio Lower Upper
84 100
49 0.0 101.0 151.6#
51 28.9 31.1 46.7#
86 0.0 52.3 78.5#



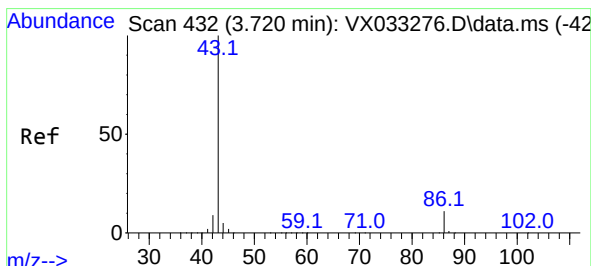
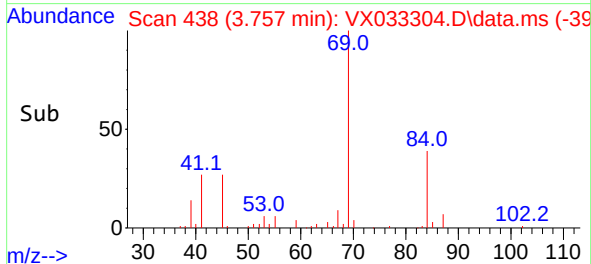
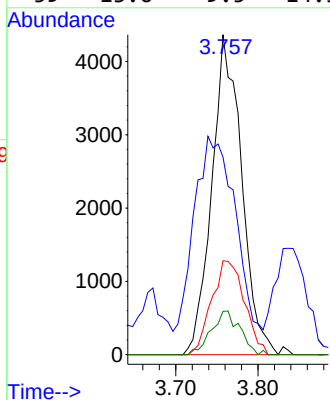
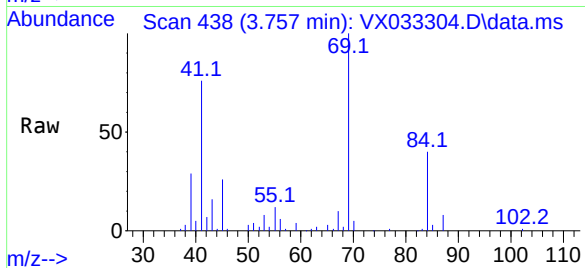


#22
Diisopropyl ether
Concen: 2.403 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Instrument :
MSVOA_X
ClientSampleId :
MW-13R

Tgt Ion: 45 Resp: 10972

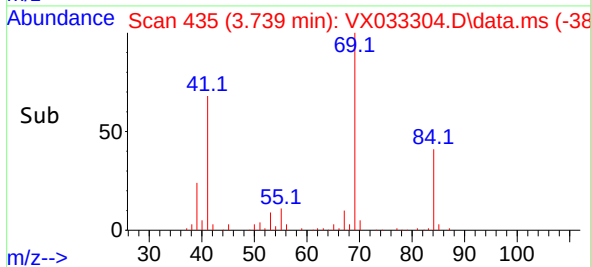
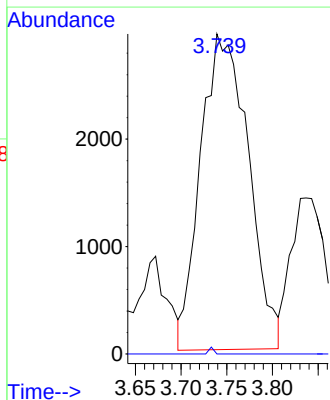
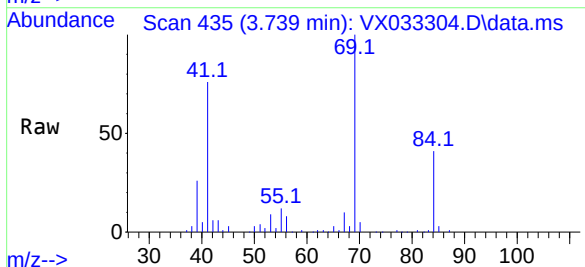
Ion	Ratio	Lower	Upper
45	100		
43	52.2	56.4	84.6#
87	29.3	24.4	36.6
59	13.6	9.5	14.3

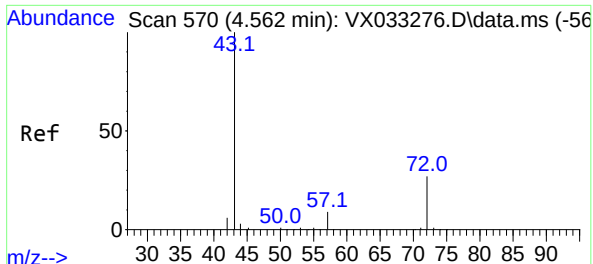


#23
Vinyl Acetate
Concen: 3.011 ug/l
RT: 3.739 min Scan# 435
Delta R.T. 0.019 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 43 Resp: 10674

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.6	12.8#

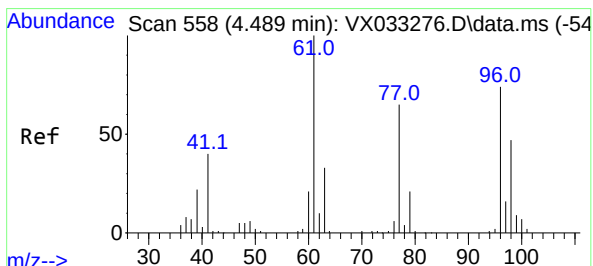
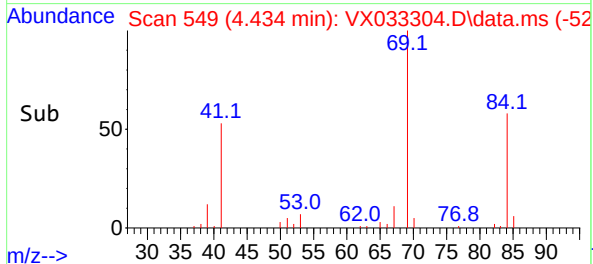
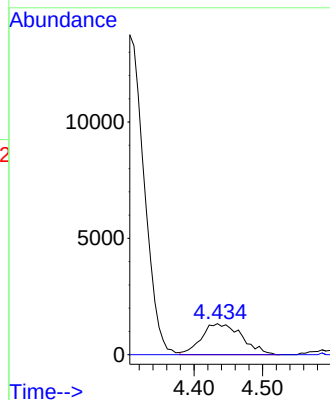
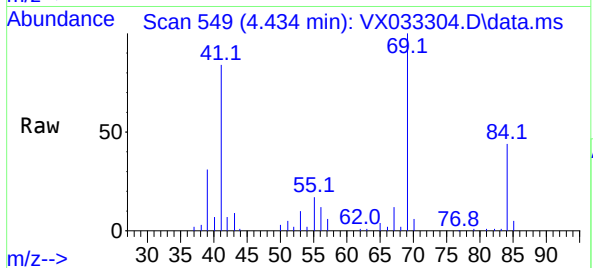




#25
2-Butanone
Concen: 5.424 ug/l
RT: 4.434 min Scan# 54
Delta R.T. -0.128 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

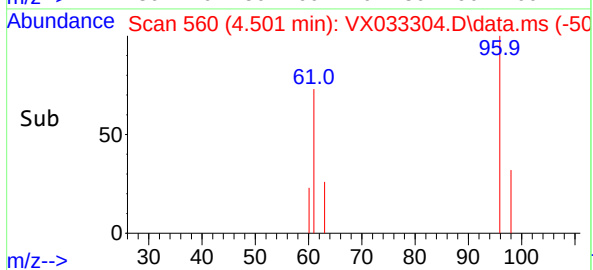
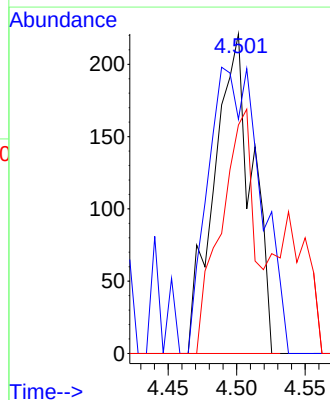
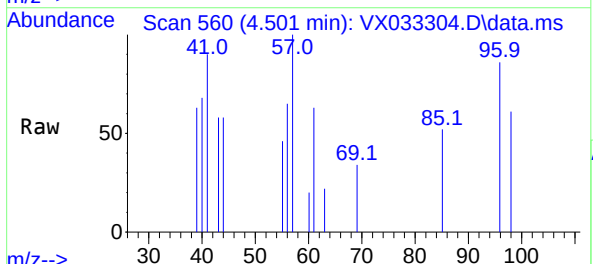
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

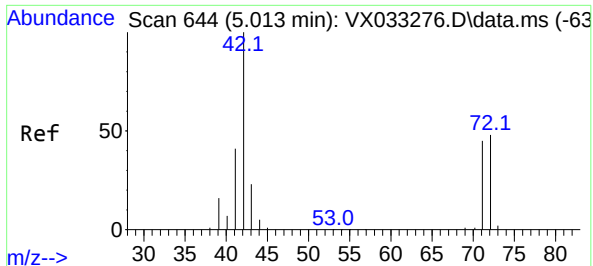
Tgt Ion: 43 Resp: 5442
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



#27
cis-1,2-Dichloroethene
Concen: 0.245 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.013 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 96 Resp: 428
Ion Ratio Lower Upper
96 100
61 123.4 0.0 286.0
98 67.5 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.409 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.019 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

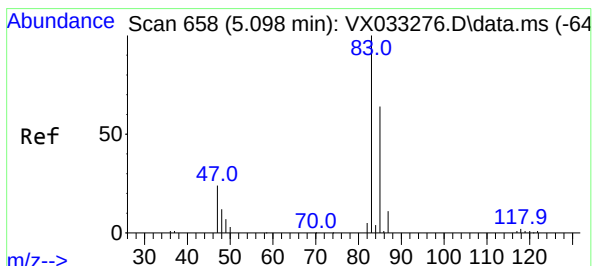
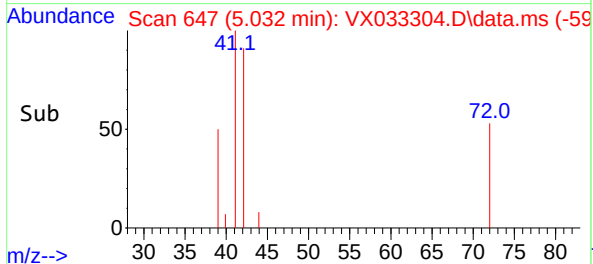
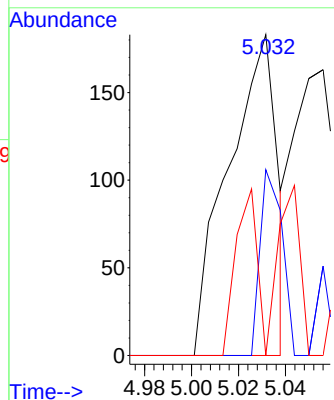
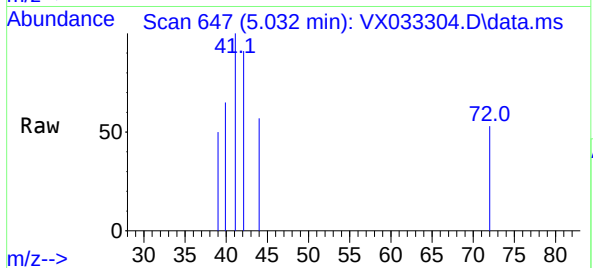
Instrument :

MSVOA_X

ClientSampleId :

MW-13R

Tgt Ion:	42	Resp:	266
Ion	Ratio	Lower	Upper
42	100		
72	25.9	37.6	56.4#
71	0.0	34.7	52.1#



#30

Chloroform

Concen: 4.830 ug/l

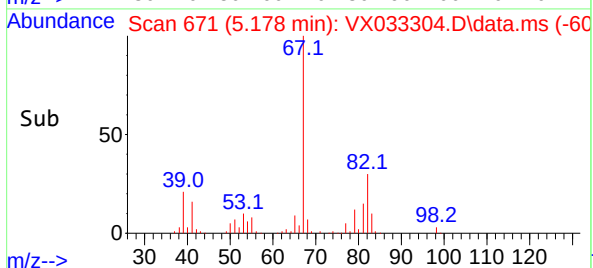
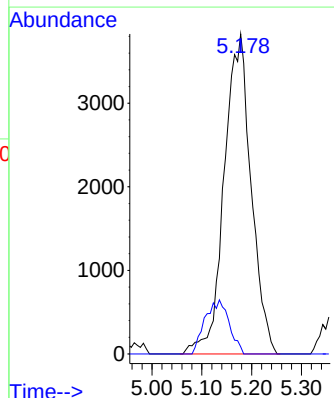
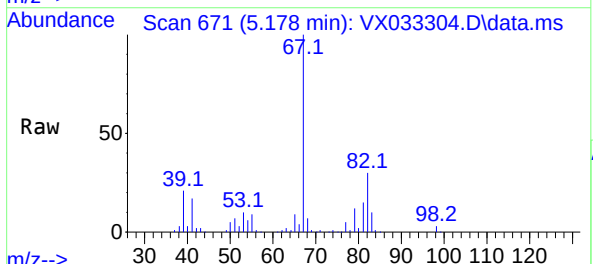
RT: 5.178 min Scan# 671

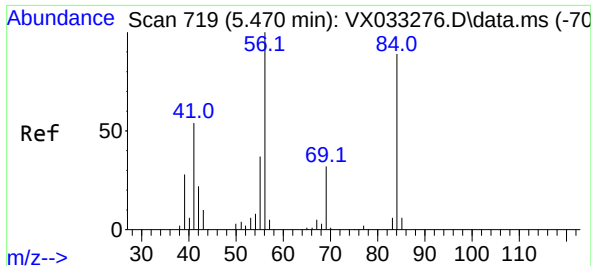
Delta R.T. 0.080 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Tgt Ion:	83	Resp:	14388
Ion	Ratio	Lower	Upper
83	100		
85	2.3	51.1	76.7#

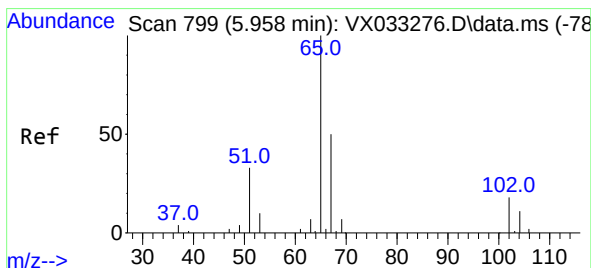
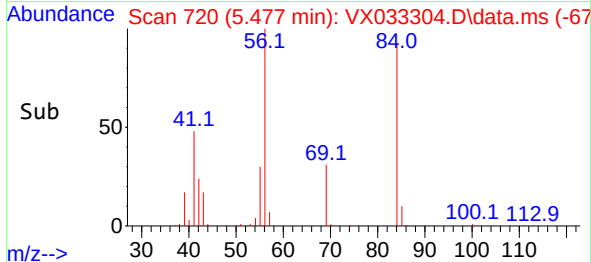
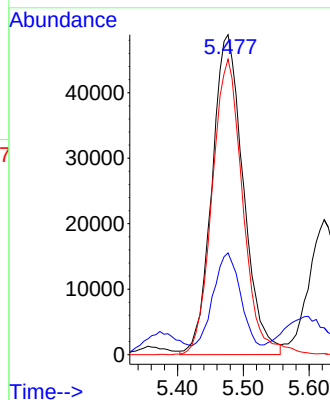
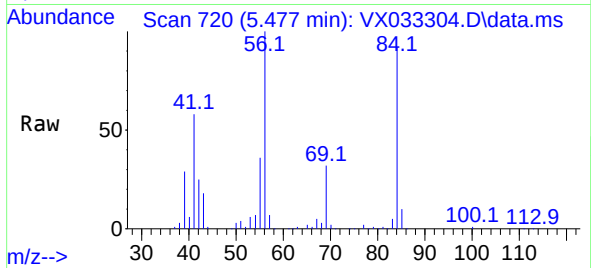




#31
Cyclohexane
Concen: 72.184 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

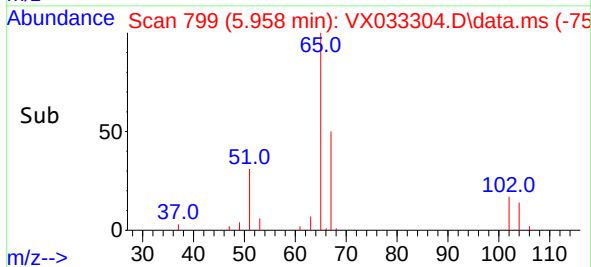
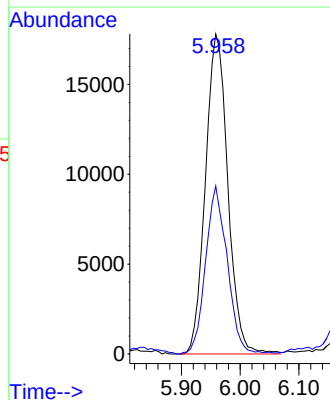
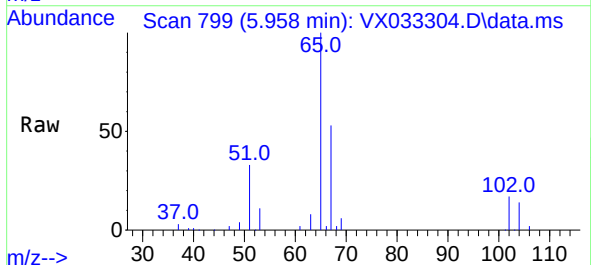
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

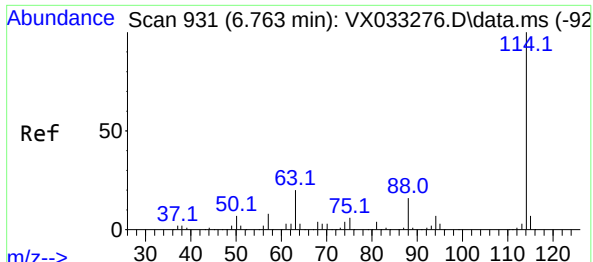
Tgt Ion: 56 Resp: 162031
Ion Ratio Lower Upper
56 100
69 27.6 24.1 36.1
84 93.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.916 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 65 Resp: 47147
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

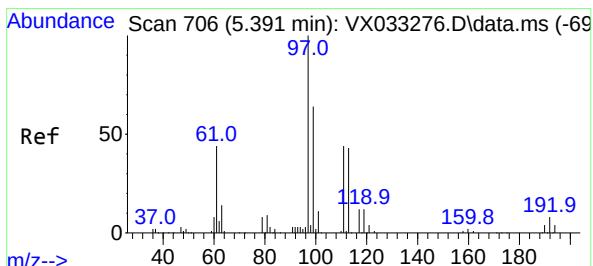
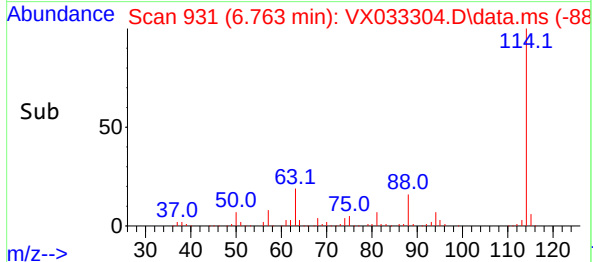
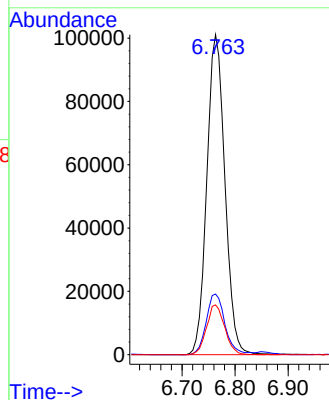
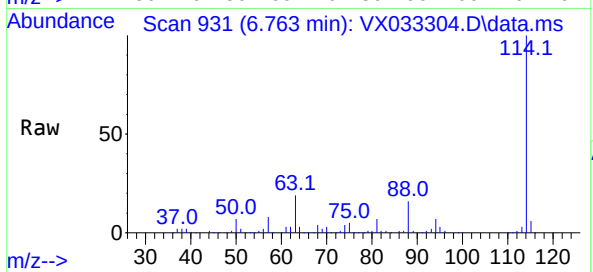




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

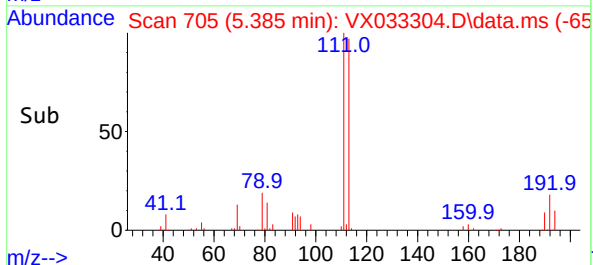
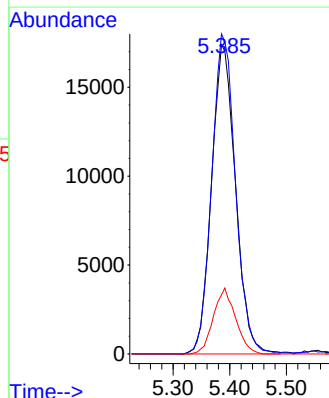
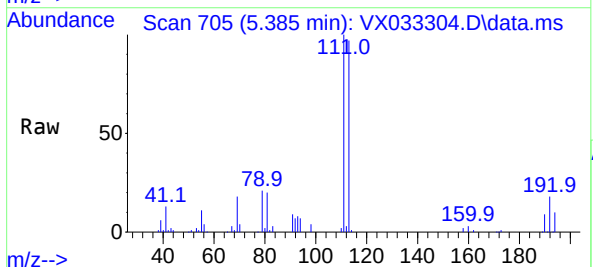
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

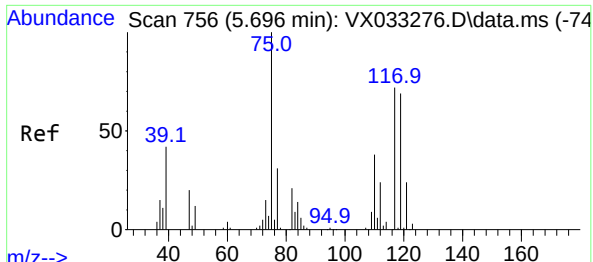
Tgt Ion:114 Resp: 239511
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.397 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion:113 Resp: 51060
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.7 15.4 23.2

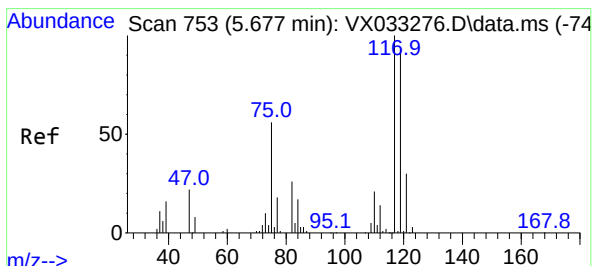
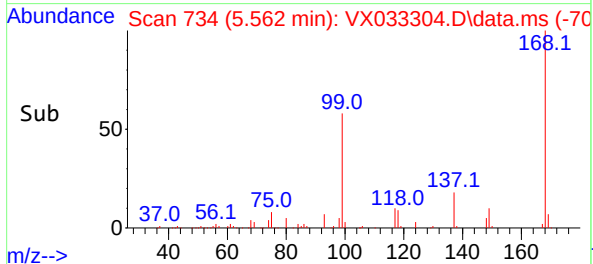
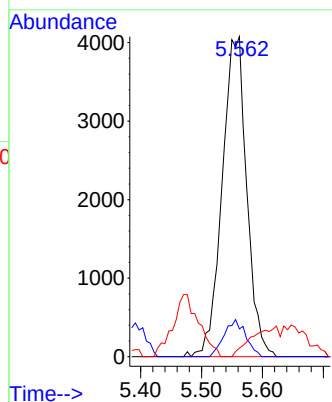
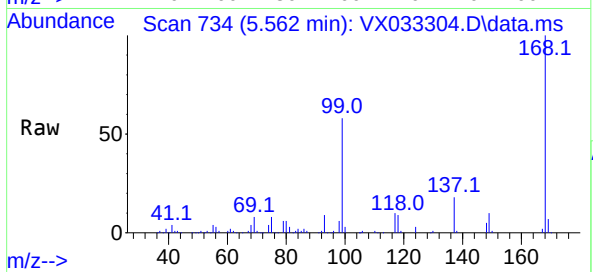




#36
1,1-Dichloropropene
Concen: 5.442 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

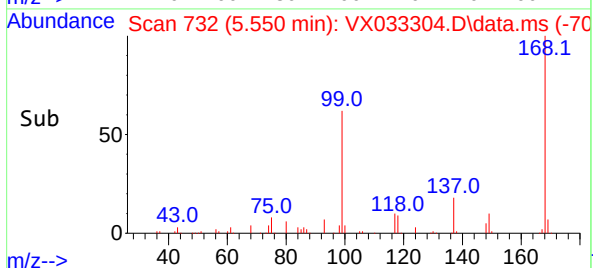
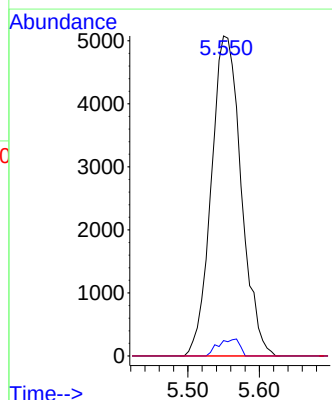
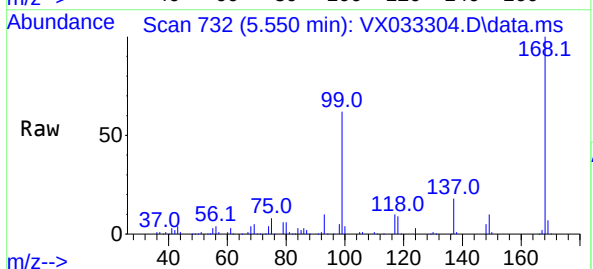
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

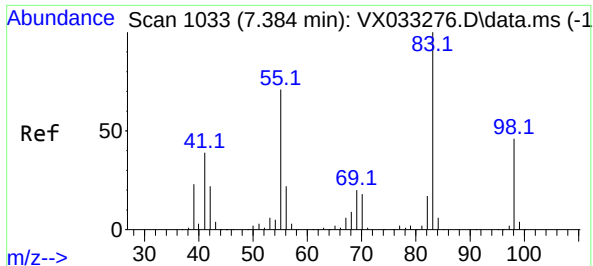
Tgt Ion: 75 Resp: 11429
Ion Ratio Lower Upper
75 100
110 10.1 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.258 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 117 Resp: 14727
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 67.385 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

MW-13R

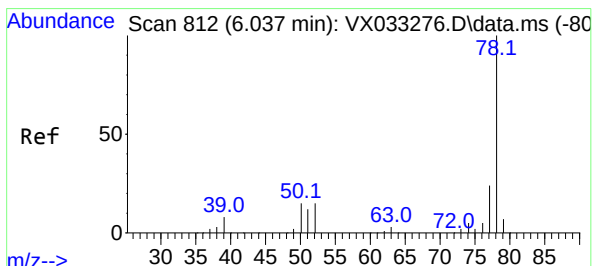
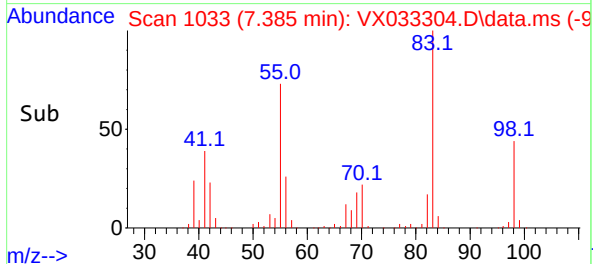
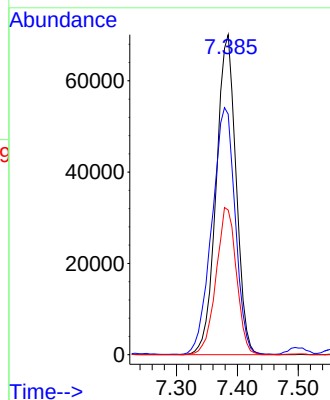
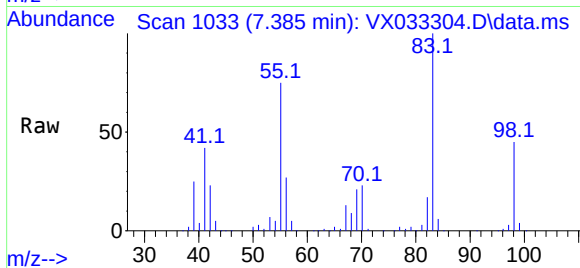
Tgt Ion: 83 Resp: 158416

Ion Ratio Lower Upper

83 100

55 75.0 58.4 87.6

98 45.2 37.2 55.8



#40

Benzene

Concen: 225.638 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX033304.D

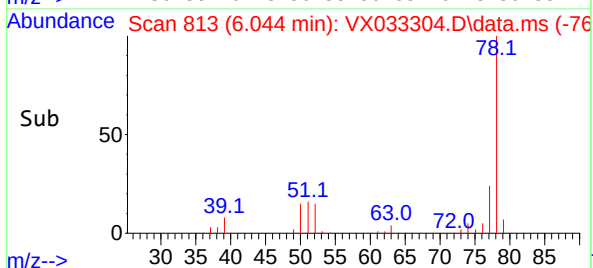
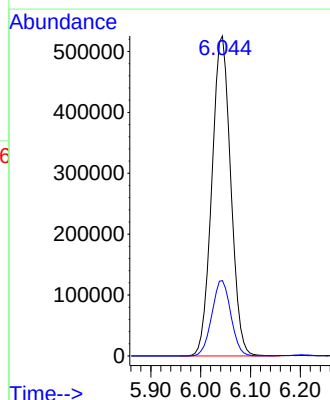
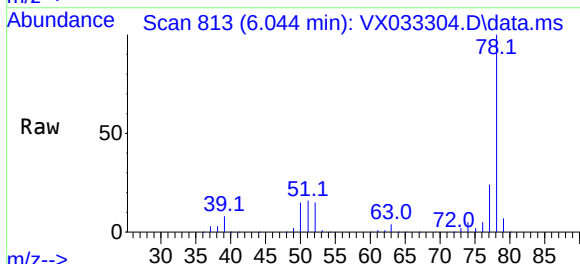
Acq: 08 Dec 2022 00:10

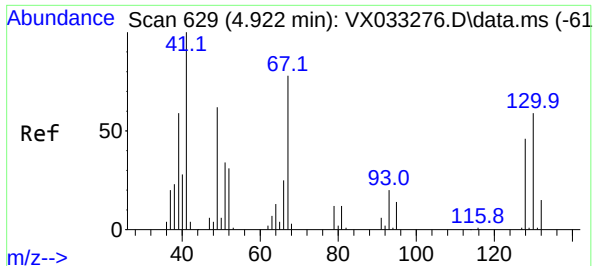
Tgt Ion: 78 Resp: 1381779

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



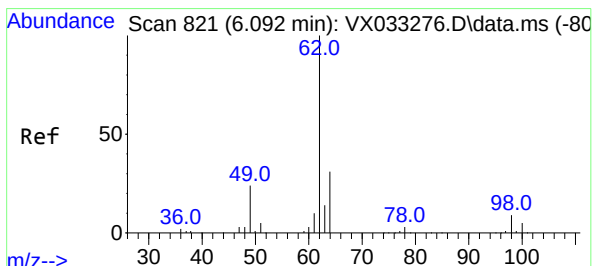
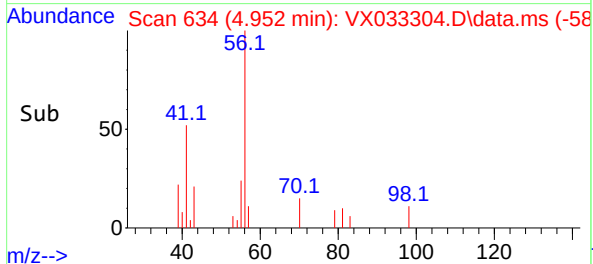
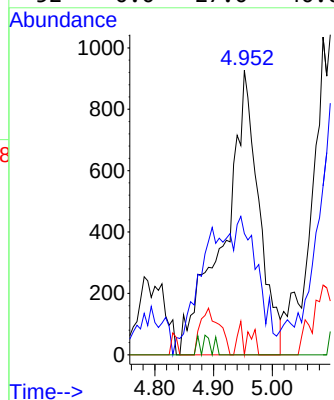
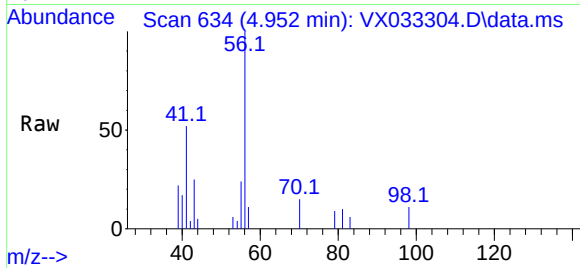


#41
Methacrylonitrile
Concen: 3.491 ug/l
RT: 4.952 min Scan# 61
Delta R.T. 0.031 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Instrument :
MSVOA_X
ClientSampleId :
MW-13R

Tgt Ion: 41 Resp: 3819

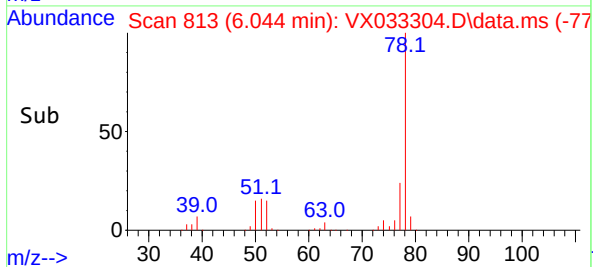
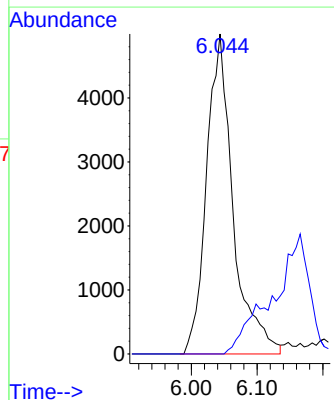
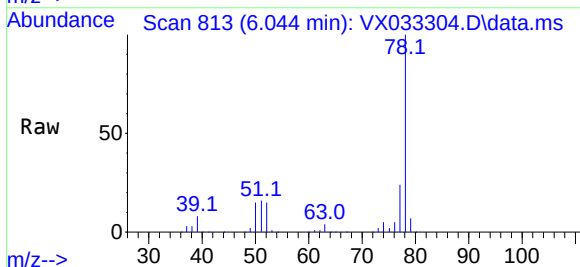
Ion	Ratio	Lower	Upper
41	100		
39	0.0	47.5	71.3#
67	0.0	60.5	90.7#
52	0.0	27.0	40.6#

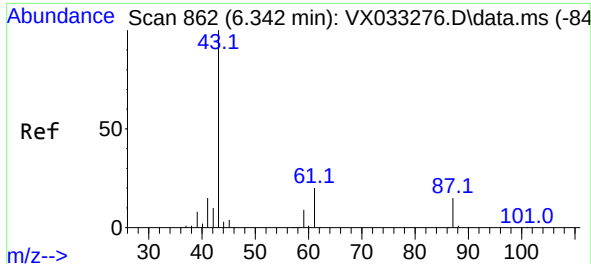


#42
1,2-Dichloroethane
Concen: 5.768 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.048 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 62 Resp: 14026

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	16.0





#43

Isopropyl Acetate

Concen: 1.725 ug/l

RT: 6.355 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

MW-13R

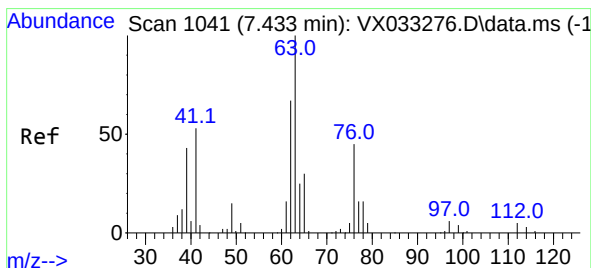
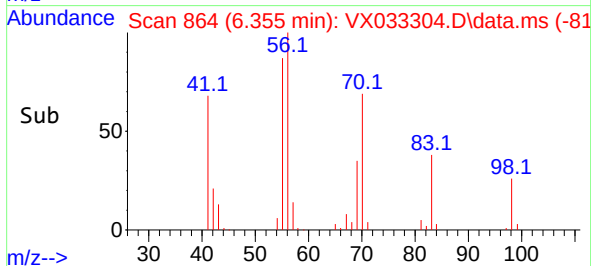
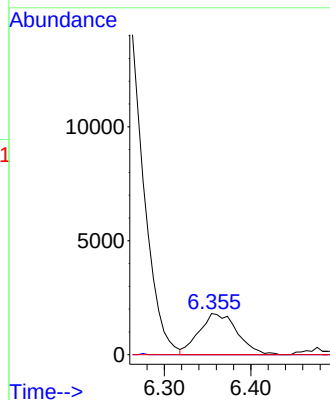
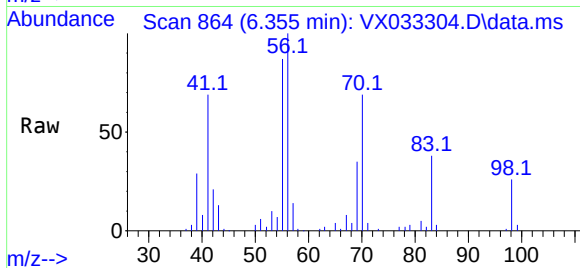
Tgt Ion: 43 Resp: 5512

Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.0#

87 0.0 10.8 16.2#



#45

1,2-Dichloropropane

Concen: 1.409 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. -0.048 min

Lab File: VX033304.D

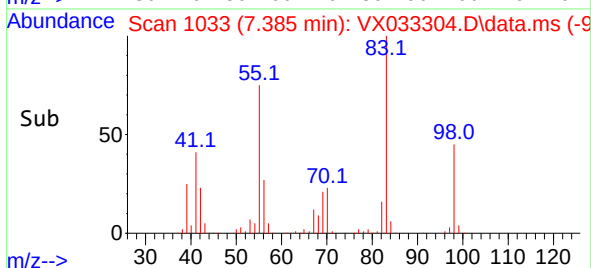
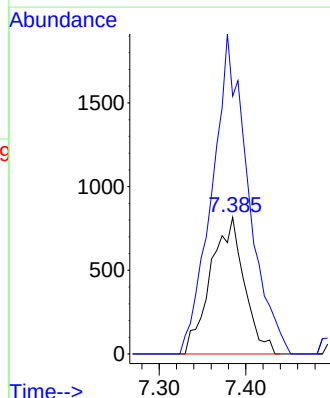
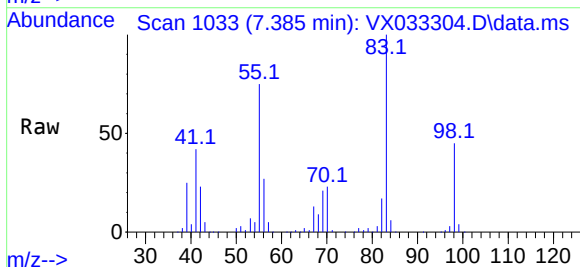
Acq: 08 Dec 2022 00:10

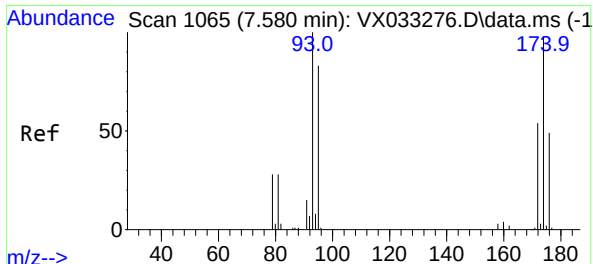
Tgt Ion: 63 Resp: 2206

Ion Ratio Lower Upper

63 100

65 188.5 24.6 36.8#





#46

Dibromomethane

Concen: 0.310 ug/l

RT: 7.556 min Scan# 1061

Delta R.T. -0.024 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

MW-13R

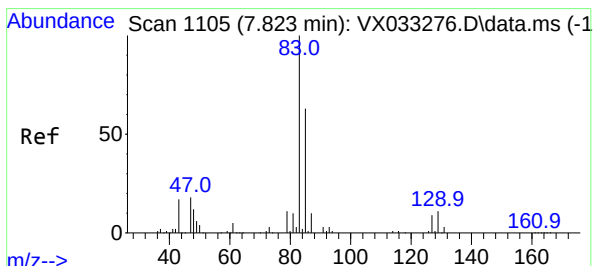
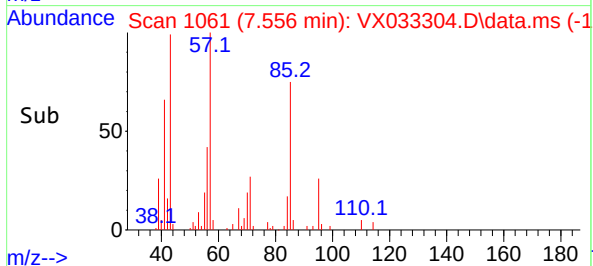
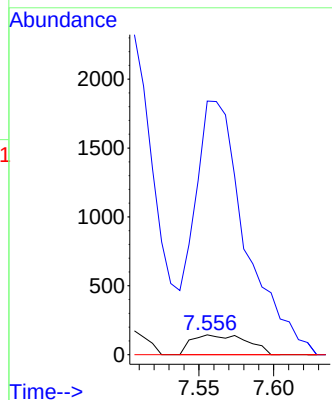
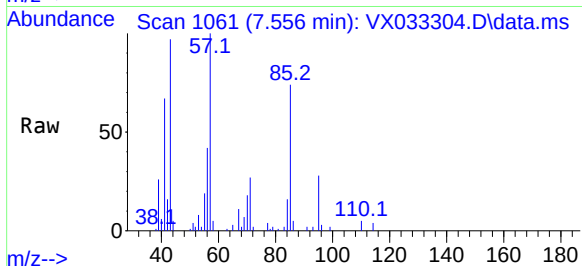
Tgt Ion: 93 Resp: 370

Ion Ratio Lower Upper

93 100

95 1170.5 65.8 98.8#

174 0.0 79.8 119.6#



#47

Bromodichloromethane

Concen: 0.620 ug/l

RT: 7.769 min Scan# 1096

Delta R.T. -0.054 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

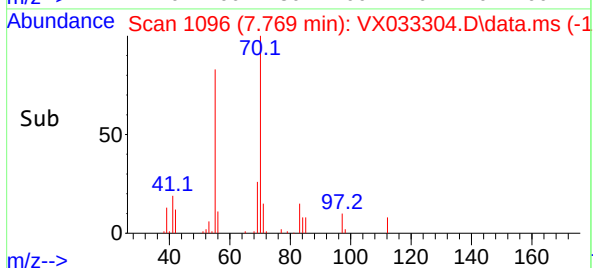
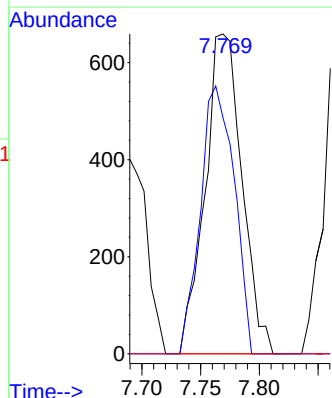
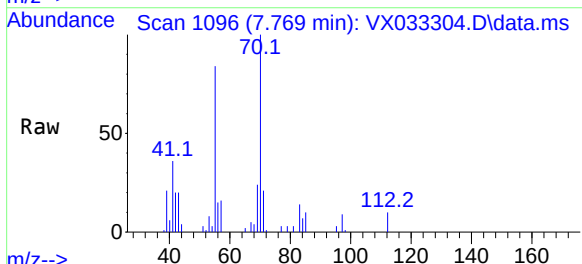
Tgt Ion: 83 Resp: 1442

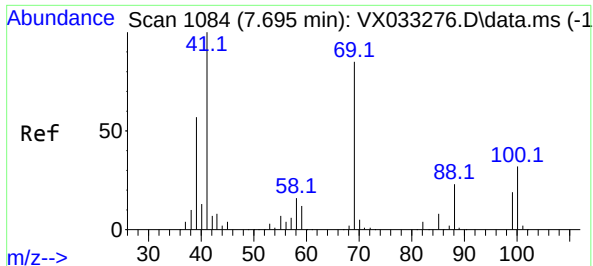
Ion Ratio Lower Upper

83 100

85 73.9 52.2 78.4

127 0.0 7.4 11.2#





#48

Methyl methacrylate

Concen: 11.286 ug/l

RT: 7.659 min Scan# 1084

Delta R.T. -0.036 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

MW-13R

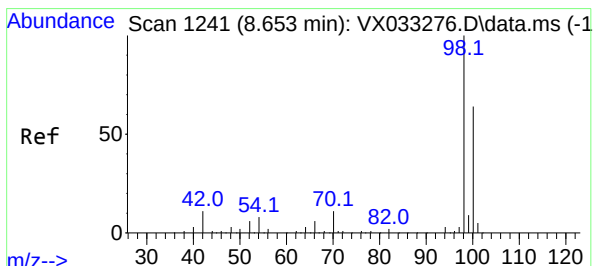
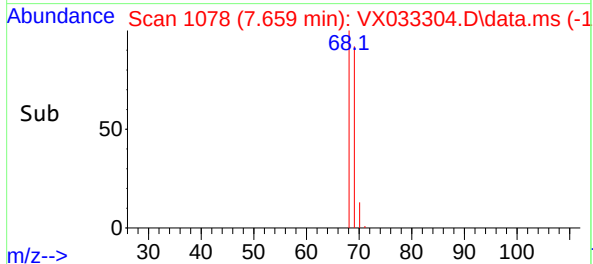
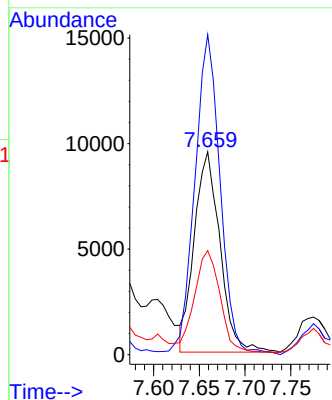
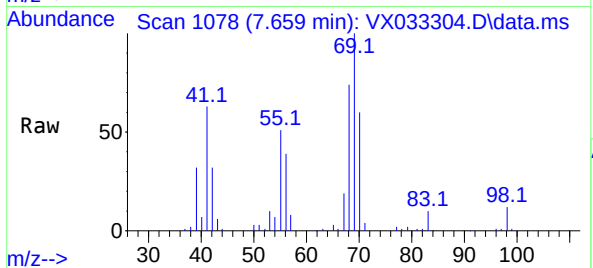
Tgt Ion: 41 Resp: 18607

Ion Ratio Lower Upper

41 100

69 158.4 65.1 97.7#

39 52.9 51.9 77.9



#50

Toluene-d8

Concen: 52.019 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX033304.D

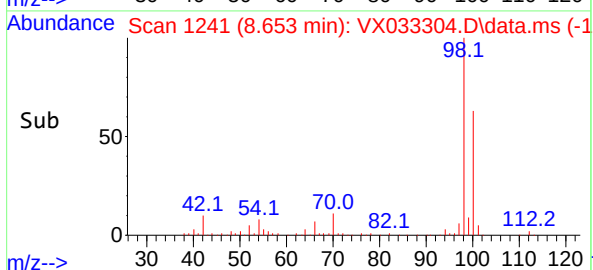
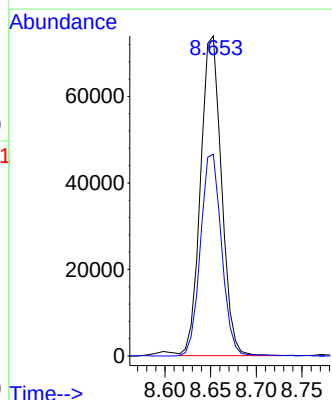
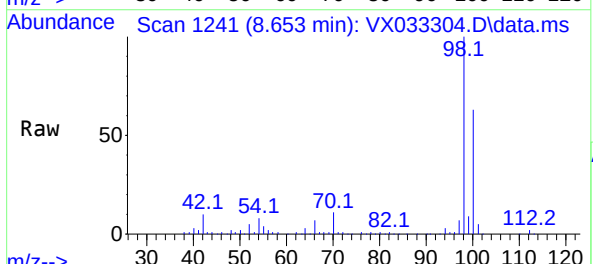
Acq: 08 Dec 2022 00:10

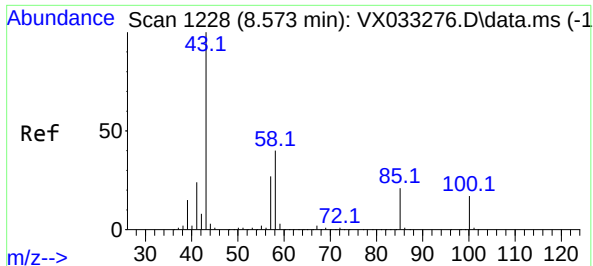
Tgt Ion: 98 Resp: 117230

Ion Ratio Lower Upper

98 100

100 64.0 50.9 76.3

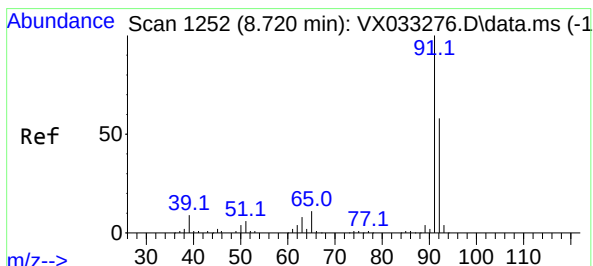
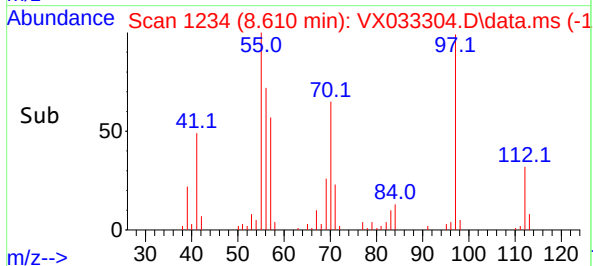
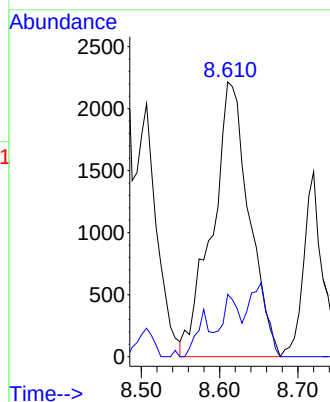
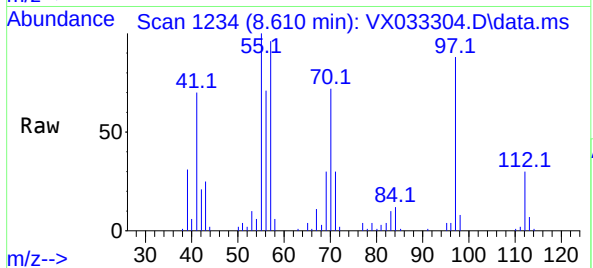




#51
4-Methyl-2-Pentanone
Concen: 3.584 ug/l
RT: 8.610 min Scan# 11
Delta R.T. 0.037 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

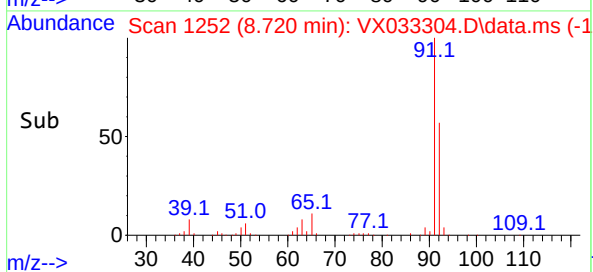
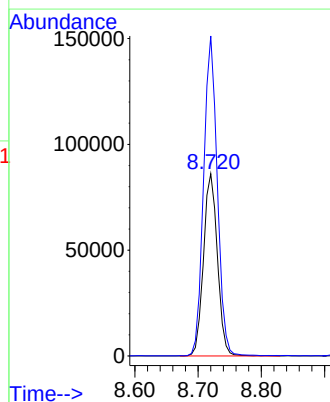
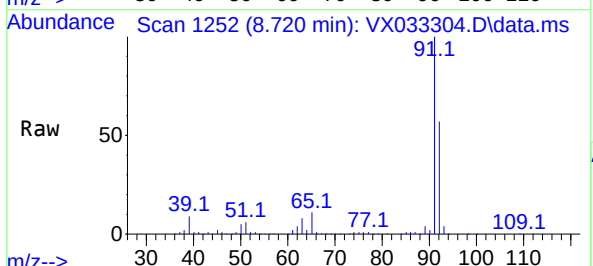
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

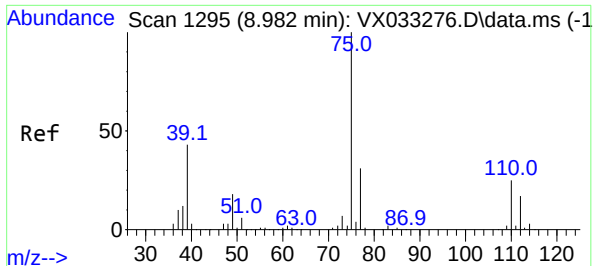
Tgt Ion: 43 Resp: 7240
Ion Ratio Lower Upper
43 100
58 10.6 30.9 46.3#



#52
Toluene
Concen: 33.297 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 92 Resp: 131837
Ion Ratio Lower Upper
92 100
91 172.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 2.548 ug/l

RT: 9.159 min Scan# 11

Delta R.T. 0.177 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

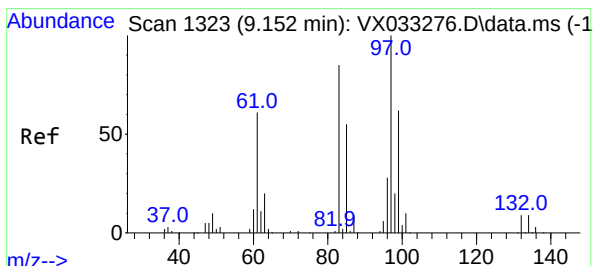
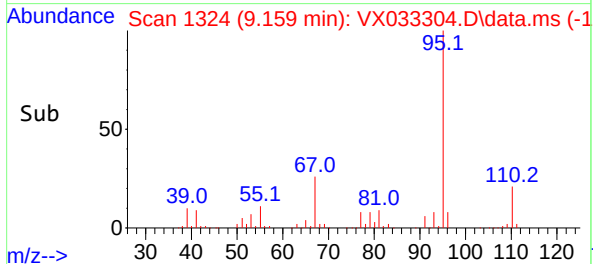
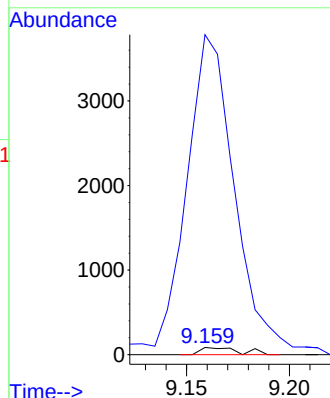
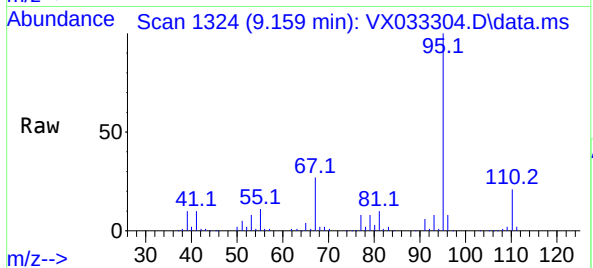
MW-13R

Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

77 4215.3 25.1 37.7#



#55

1,1,2-Trichloroethane

Concen: 12.202 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.048 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Tgt Ion: 97 Resp: 20308

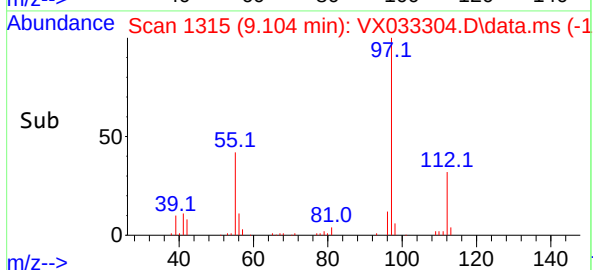
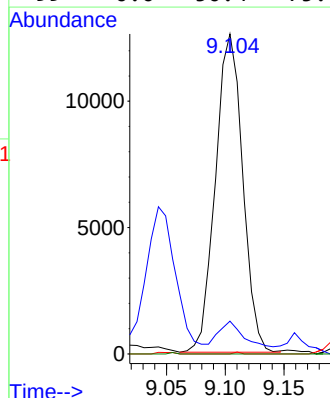
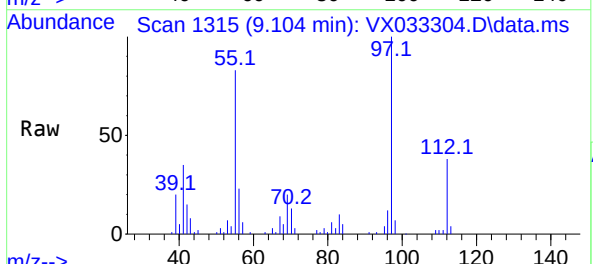
Ion Ratio Lower Upper

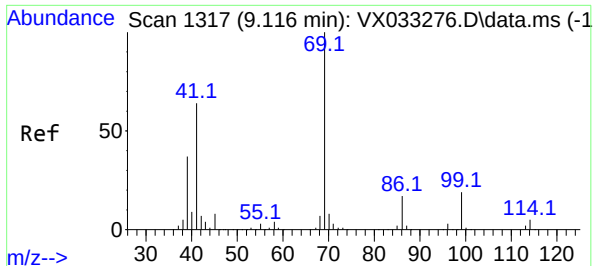
97 100

83 7.8 68.1 102.1#

85 0.0 43.3 64.9#

99 0.0 50.4 75.6#





#56

Ethyl methacrylate

Concen: 2.267 ug/l

RT: 9.098 min Scan# 1165

Delta R.T. -0.018 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

MW-13R

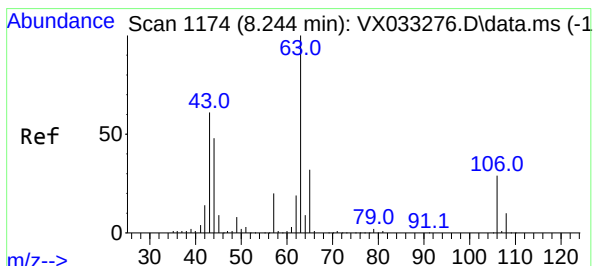
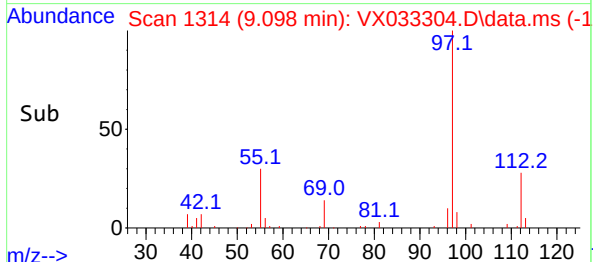
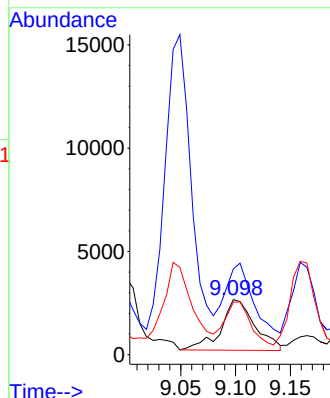
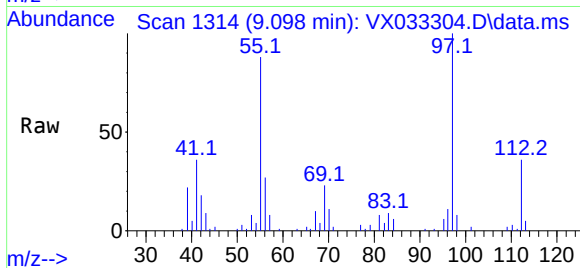
Tgt Ion: 69 Resp: 5313

Ion Ratio Lower Upper

69 100

41 105.5 54.3 81.5#

39 61.8 35.2 52.8#



#58

2-Chloroethyl Vinyl ether

Concen: 0.638 ug/l

RT: 8.190 min Scan# 1165

Delta R.T. -0.054 min

Lab File: VX033304.D

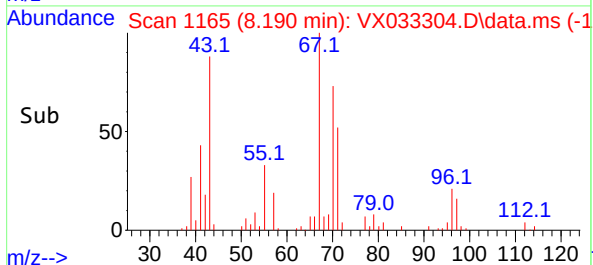
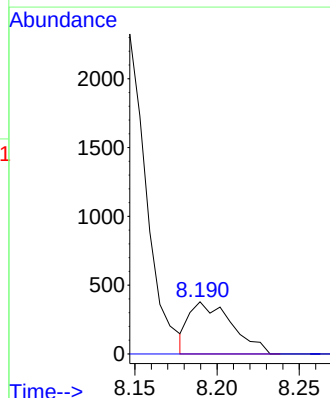
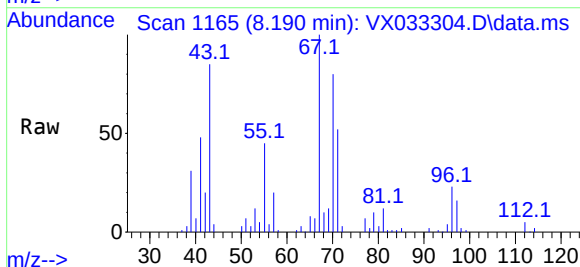
Acq: 08 Dec 2022 00:10

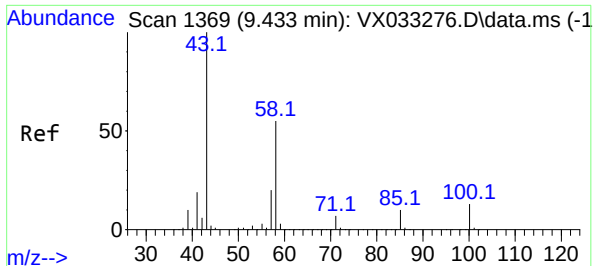
Tgt Ion: 63 Resp: 684

Ion Ratio Lower Upper

63 100

106 0.0 23.3 34.9#





#59

2-Hexanone

Concen: 1.393 ug/l

RT: 9.452 min Scan# 1

Delta R.T. 0.019 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

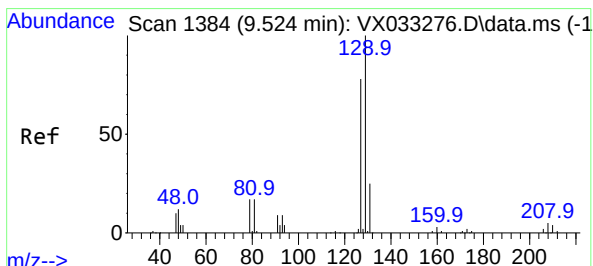
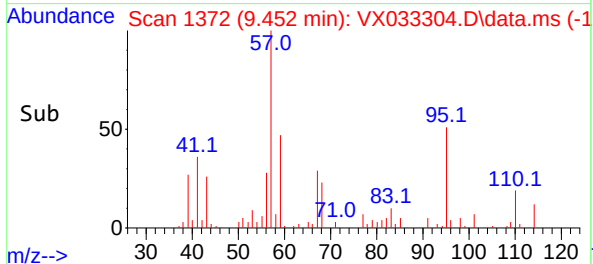
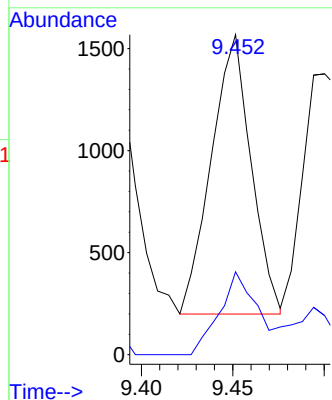
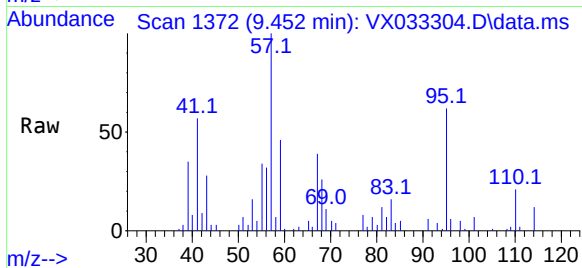
MW-13R

Tgt Ion: 43 Resp: 2074

Ion Ratio Lower Upper

43 100

58 29.8 26.5 79.5



#60

Dibromochloromethane

Concen: 0.683 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX033304.D

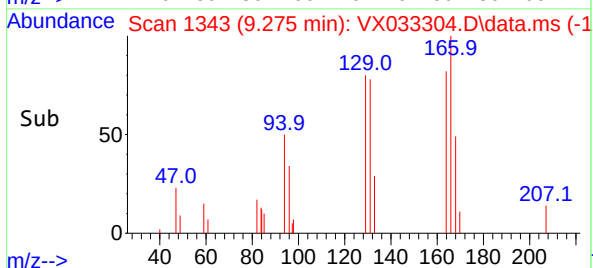
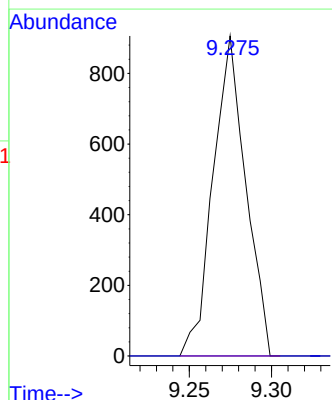
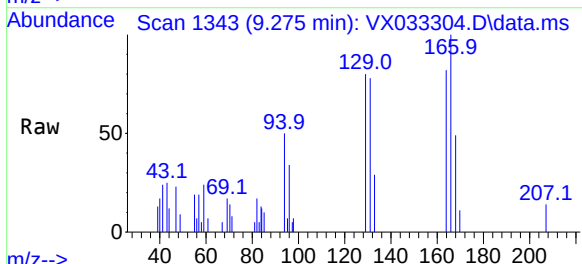
Acq: 08 Dec 2022 00:10

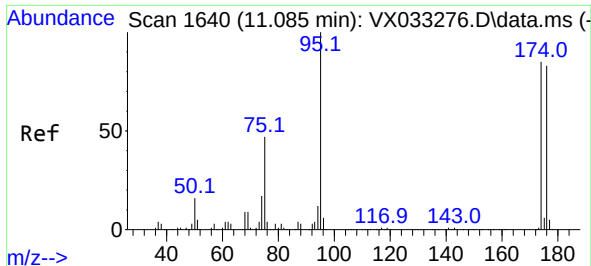
Tgt Ion: 129 Resp: 1252

Ion Ratio Lower Upper

129 100

127 0.0 38.6 115.8#

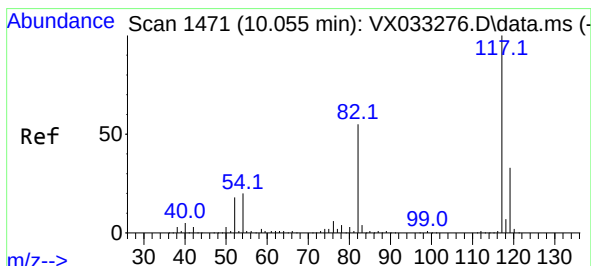
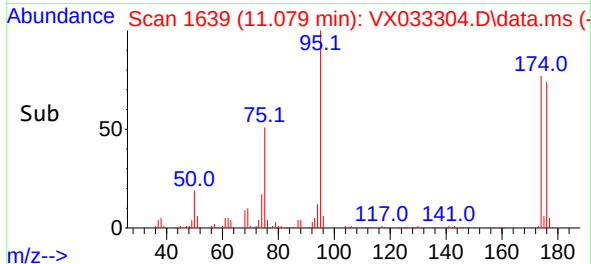
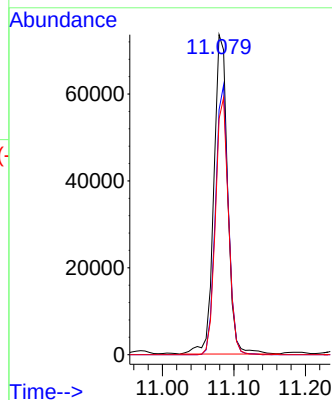
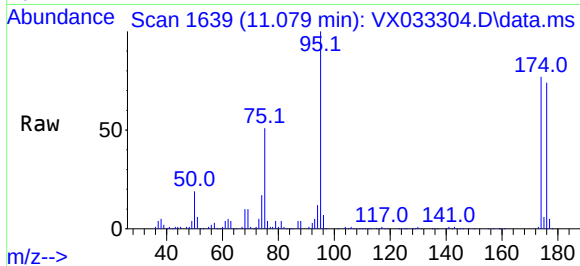




#62
4-Bromofluorobenzene
Concen: 57.171 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

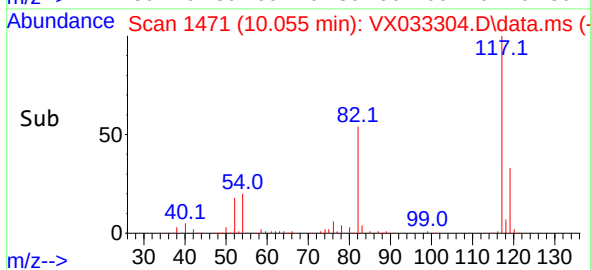
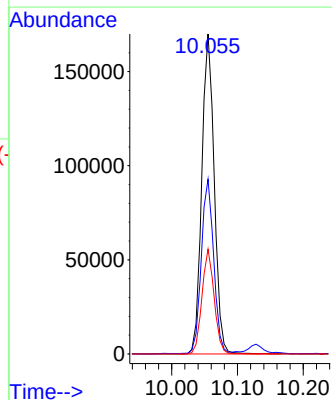
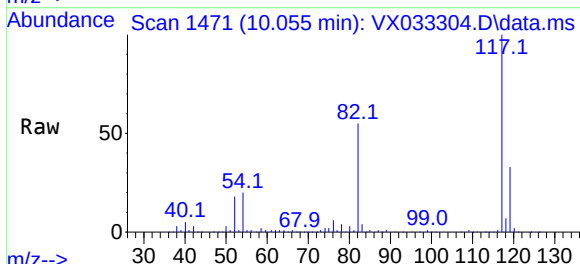
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

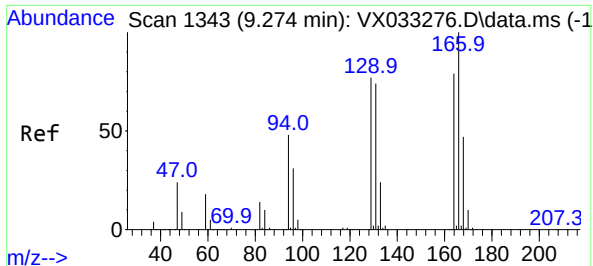
Tgt Ion: 95 Resp: 98514
Ion Ratio Lower Upper
95 100
174 78.9 0.0 164.0
176 75.6 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 117 Resp: 223804
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 32.8 25.7 38.5

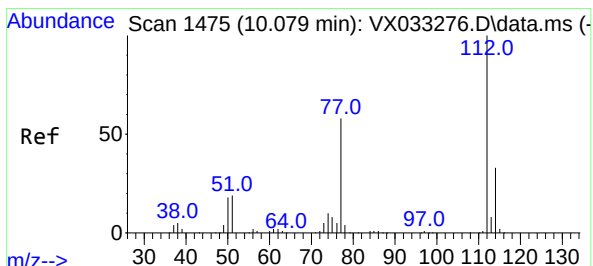
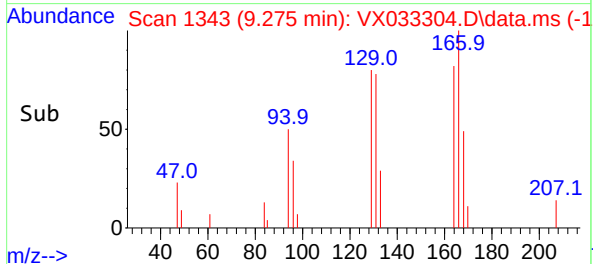
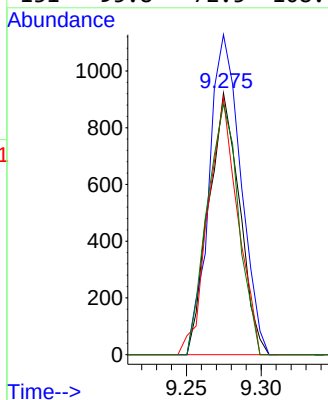
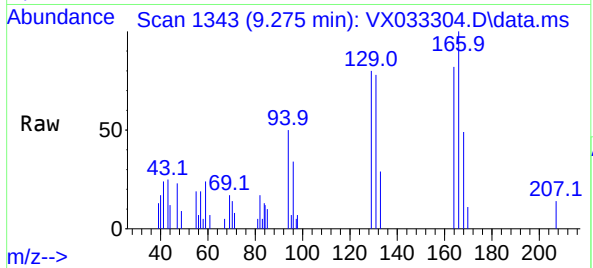




#64
Tetrachloroethene
Concen: 0.866 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

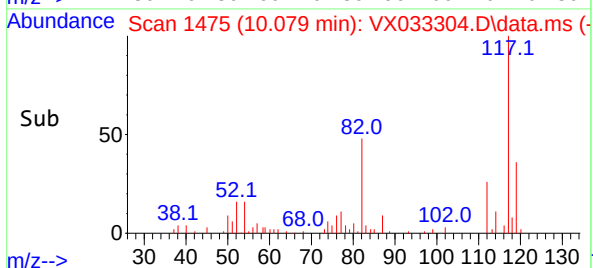
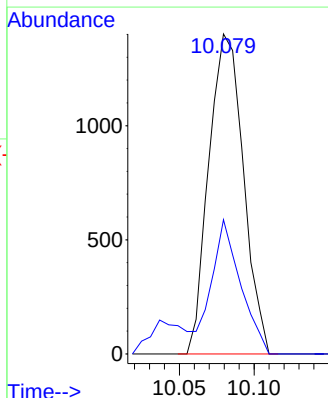
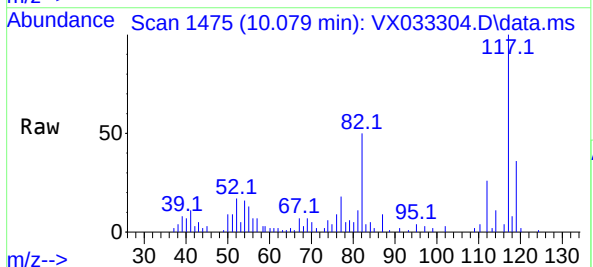
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

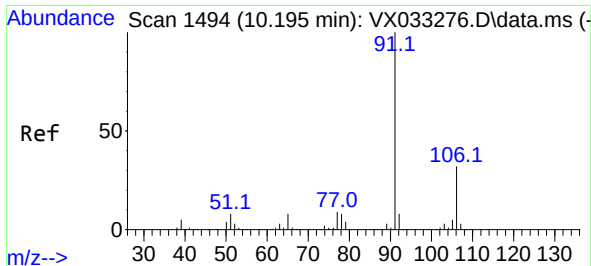
Tgt Ion:164 Resp: 1325
Ion Ratio Lower Upper
164 100
166 122.3 105.4 158.2
129 98.3 78.2 117.2
131 95.8 72.5 108.7



#65
Chlorobenzene
Concen: 0.498 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion:112 Resp: 2255
Ion Ratio Lower Upper
112 100
114 41.9 25.4 38.2#

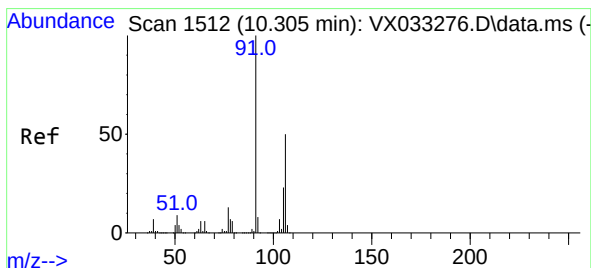
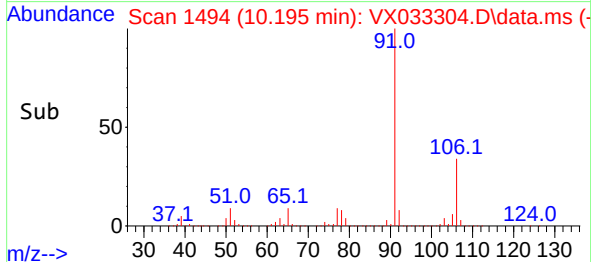
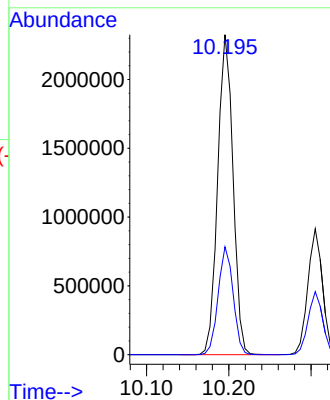
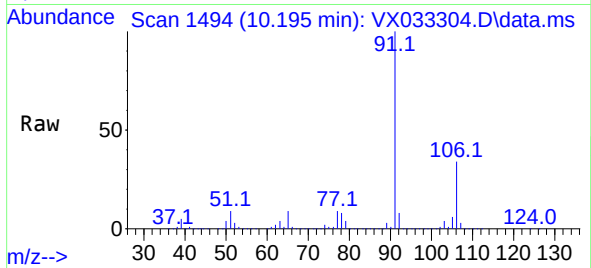




#67
Ethyl Benzene
Concen: 381.181 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

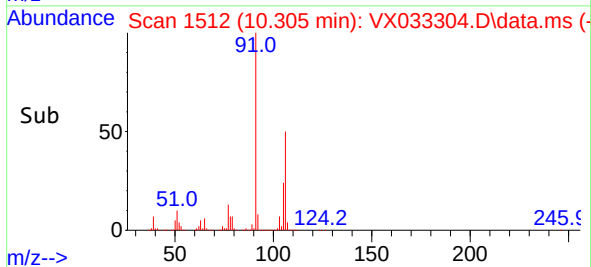
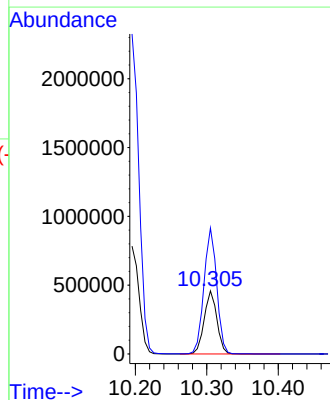
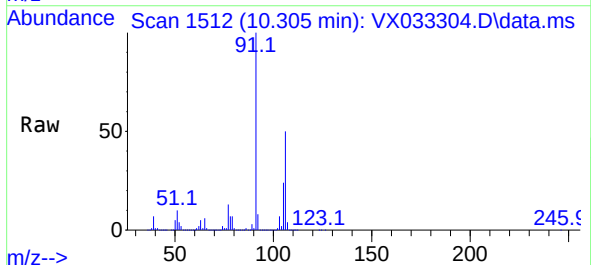
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

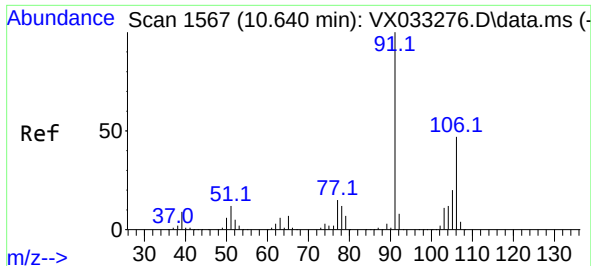
Tgt Ion: 91 Resp: 3009622
Ion Ratio Lower Upper
91 100
106 33.7 25.0 37.6



#68
m/p-Xylenes
Concen: 183.946 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion:106 Resp: 565062
Ion Ratio Lower Upper
106 100
91 200.8 164.5 246.7

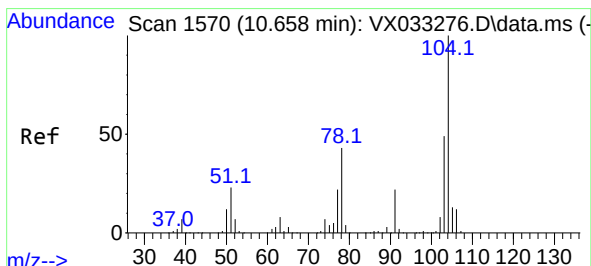
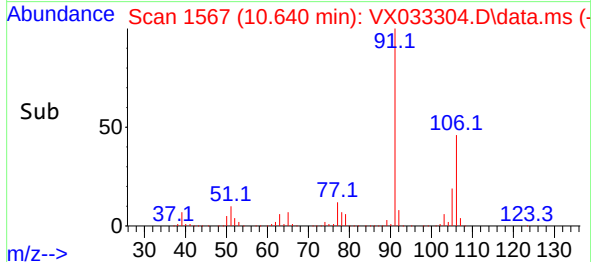
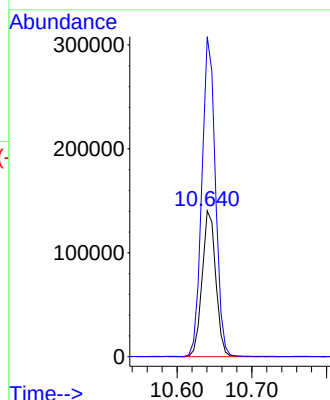
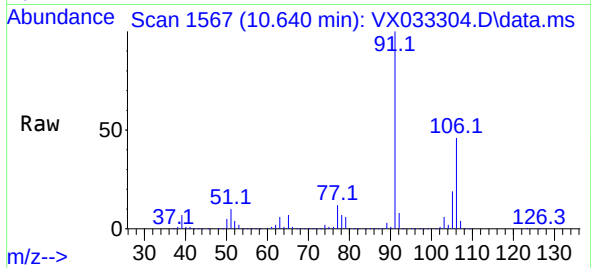




#69
o-Xylene
Concen: 58.576 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

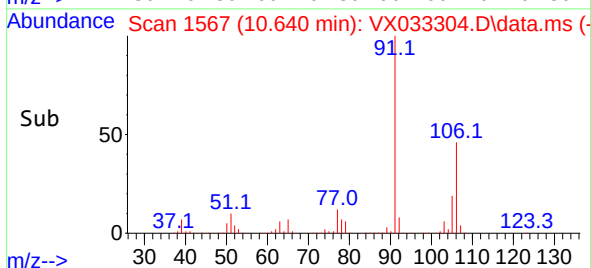
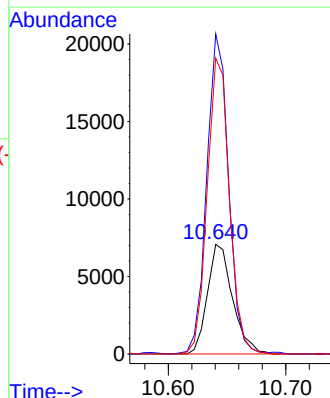
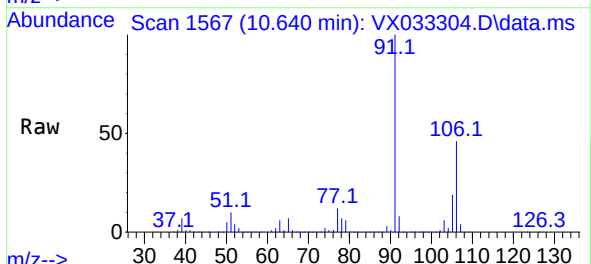
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

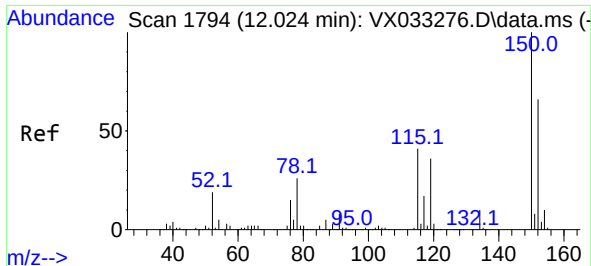
Tgt Ion:106 Resp: 177858
Ion Ratio Lower Upper
106 100
91 217.3 109.2 327.6



#70
Styrene
Concen: 2.118 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.018 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion:104 Resp: 10535
Ion Ratio Lower Upper
104 100
78 253.6 41.8 62.8#
103 237.4 44.5 66.7#

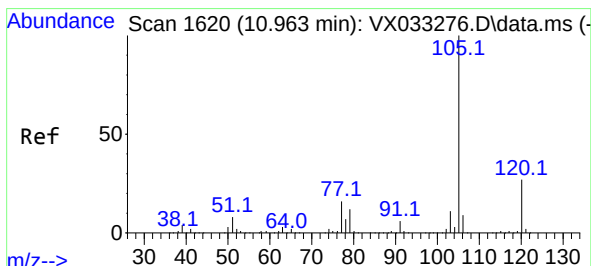
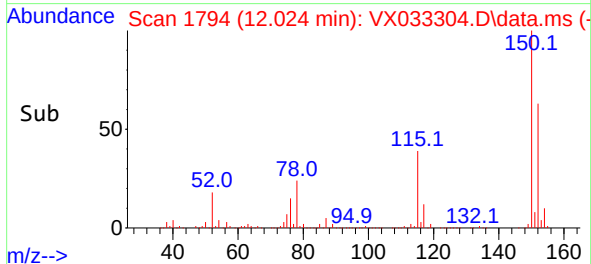
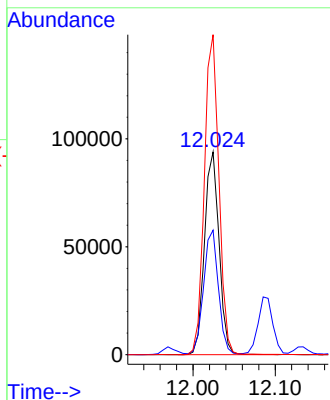
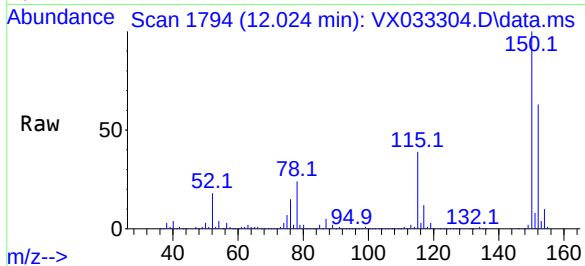




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

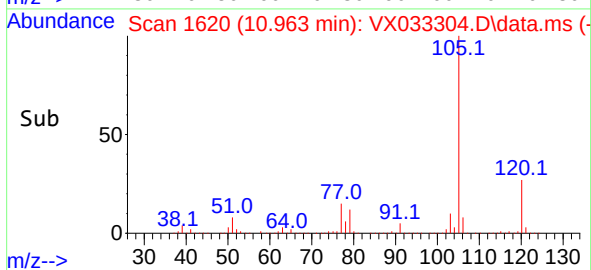
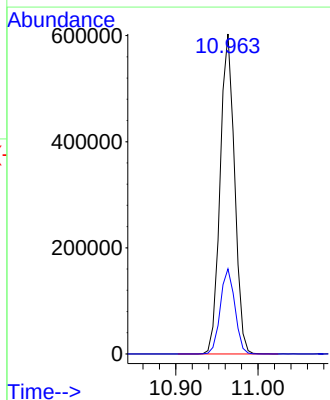
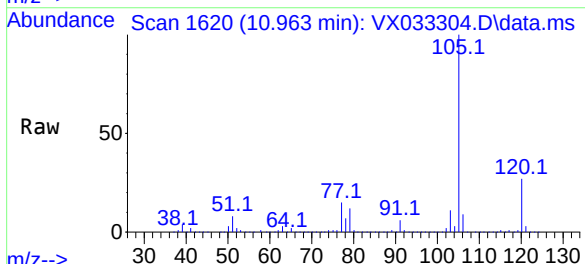
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

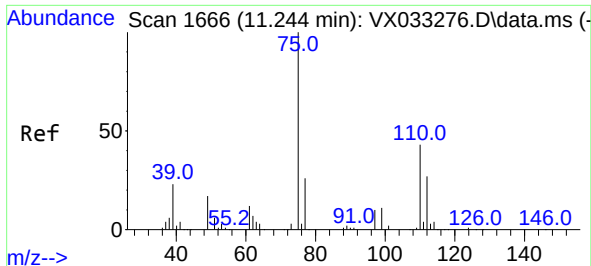
Tgt Ion:152 Resp: 115540
Ion Ratio Lower Upper
152 100
115 61.4 44.0 132.0
150 157.5 0.0 351.8



#73
Isopropylbenzene
Concen: 87.675 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion:105 Resp: 734231
Ion Ratio Lower Upper
105 100
120 26.7 13.1 39.3

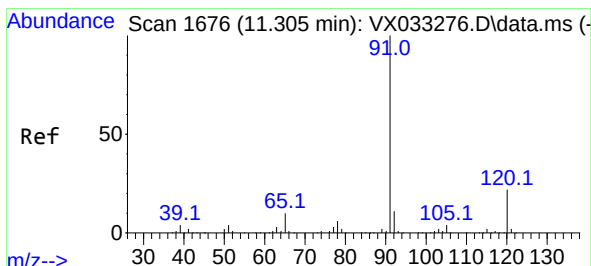
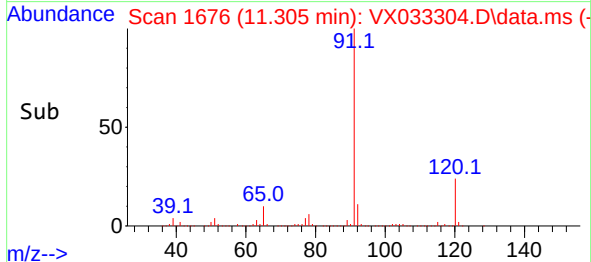
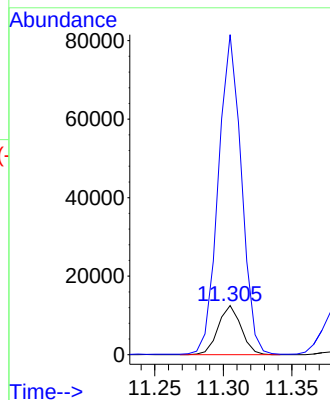
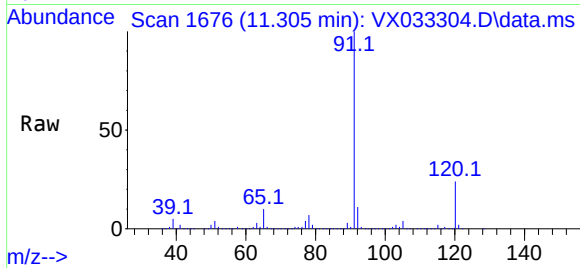




#76
1,2,3-Trichloropropane
Concen: 6.162 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.061 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

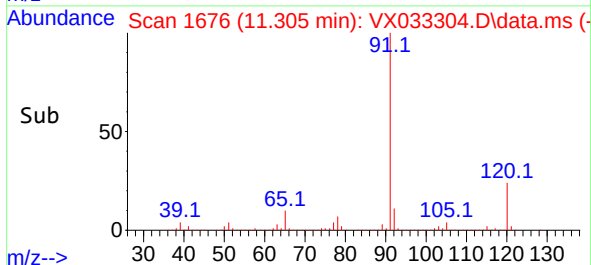
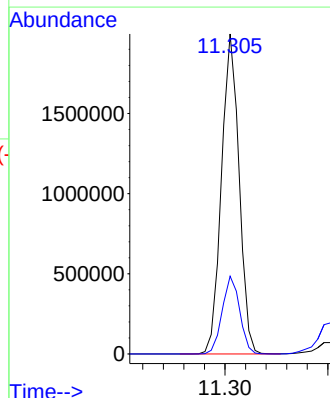
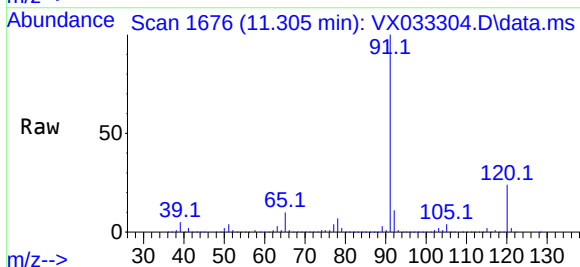
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

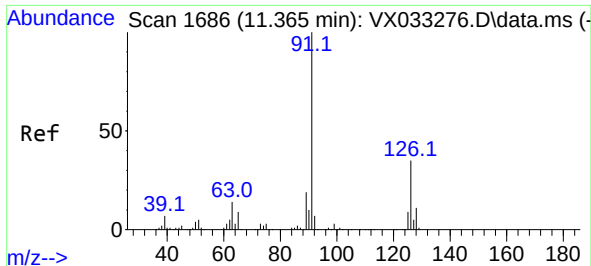
Tgt Ion: 75 Resp: 14486
Ion Ratio Lower Upper
75 100
77 656.9 20.0 60.0#



#78
n-propylbenzene
Concen: 253.129 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 91 Resp: 2366960
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8

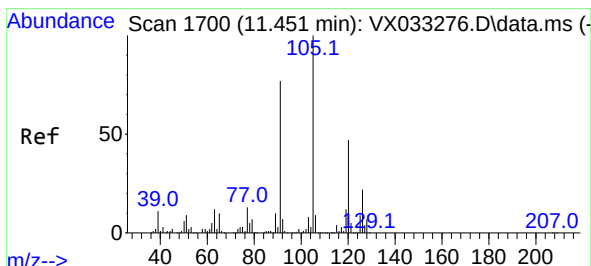
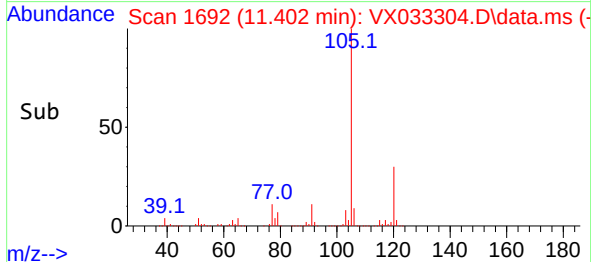
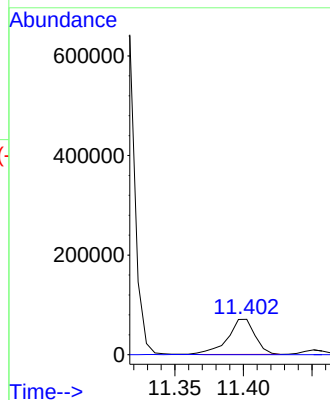
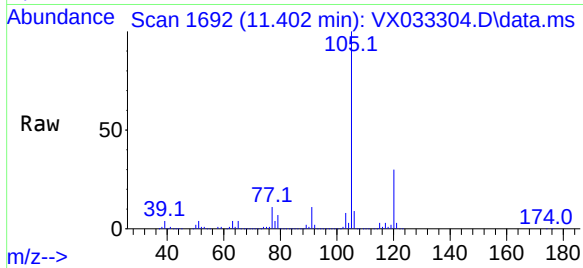




#79
2-Chlorotoluene
Concen: 17.042 ug/l
RT: 11.402 min Scan# 1
Delta R.T. 0.037 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

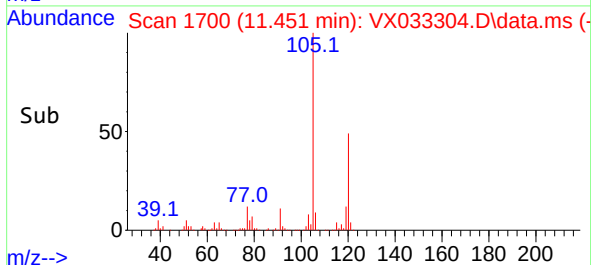
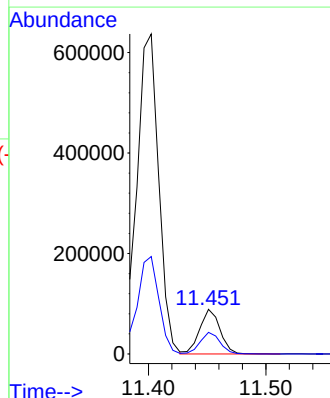
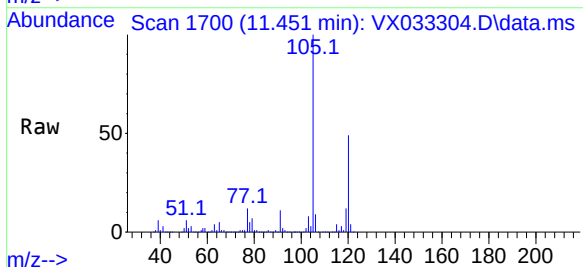
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

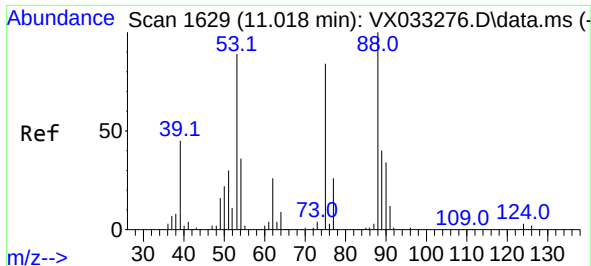
Tgt Ion: 91 Resp: 98483
Ion Ratio Lower Upper
91 100
126 0.0 17.1 51.2#



#80
1,3,5-Trimethylbenzene
Concen: 15.293 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 105 Resp: 106610
Ion Ratio Lower Upper
105 100
120 47.8 23.6 71.0

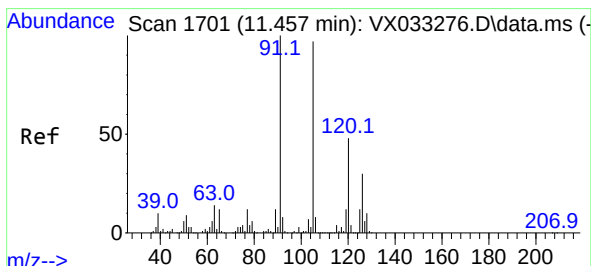
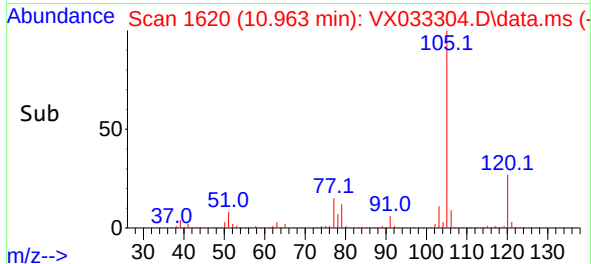
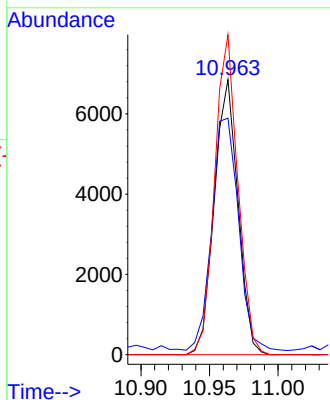
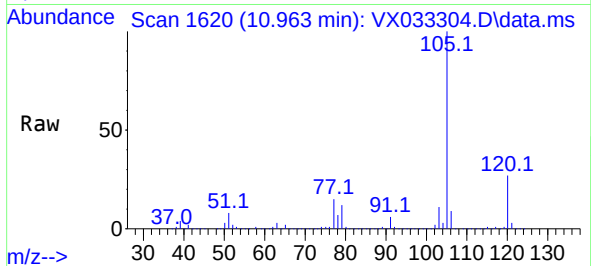




#81
trans-1,4-Dichloro-2-butene
Concen: 10.900 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.054 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

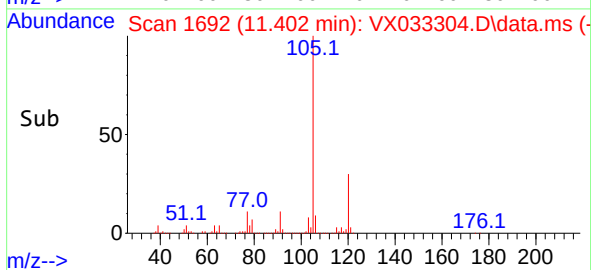
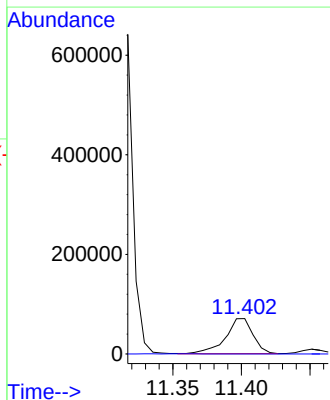
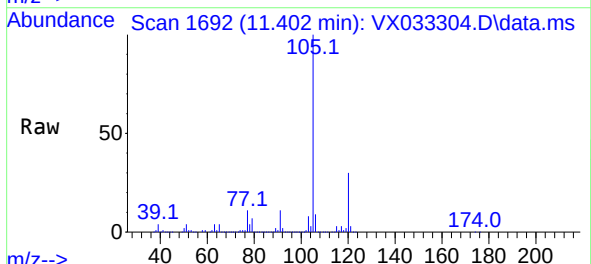
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

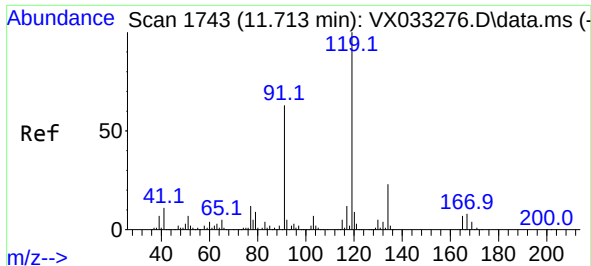
Tgt Ion: 75 Resp: 8237
Ion Ratio Lower Upper
75 100
53 94.9 86.9 130.3
89 113.8 38.3 57.5#



#82
4-Chlorotoluene
Concen: 14.656 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. -0.054 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 91 Resp: 98483
Ion Ratio Lower Upper
91 100
126 0.0 14.8 44.4#

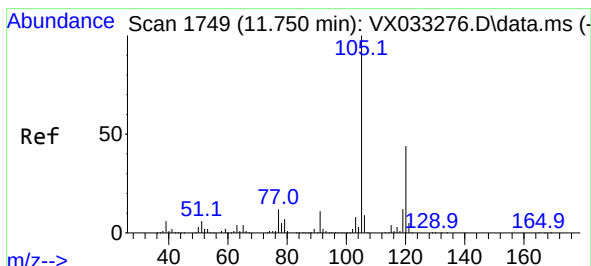
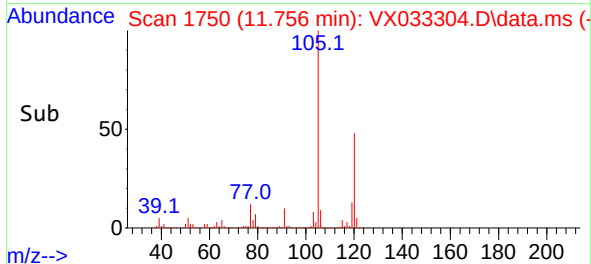
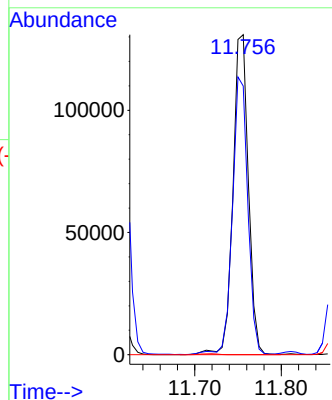
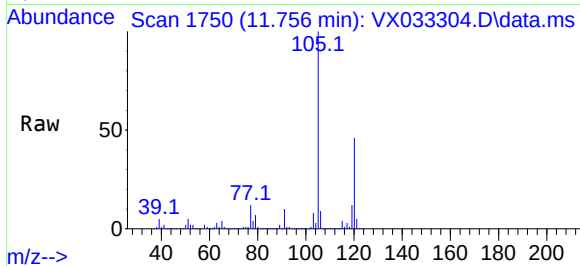




#83
tert-Butylbenzene
Concen: 23.288 ug/l
RT: 11.756 min Scan# 1743
Delta R.T. 0.043 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

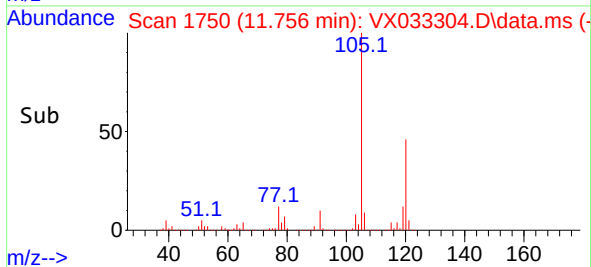
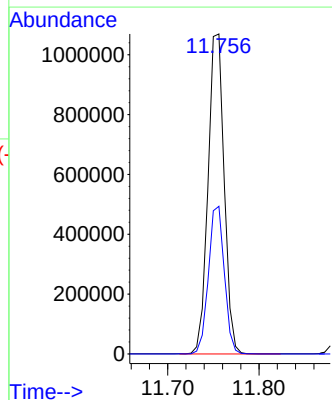
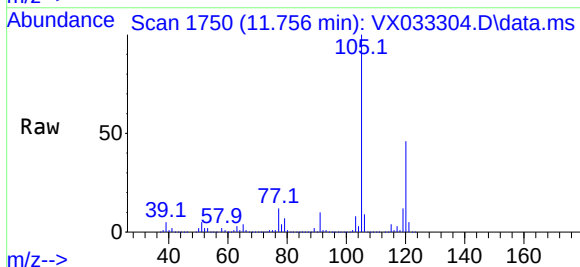
Instrument :
MSVOA_X
ClientSampleId :
MW-13R

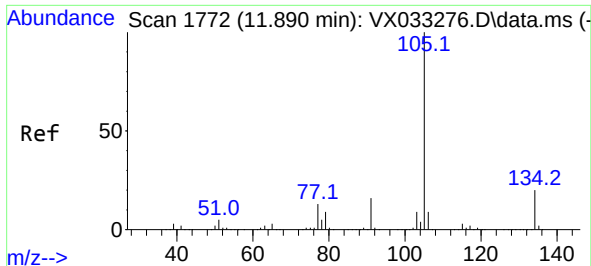
Tgt Ion:119 Resp: 161885
Ion Ratio Lower Upper
119 100
91 86.4 29.4 88.2
134 0.0 11.0 33.0#



#84
1,2,4-Trimethylbenzene
Concen: 188.829 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion:105 Resp: 1313952
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.5

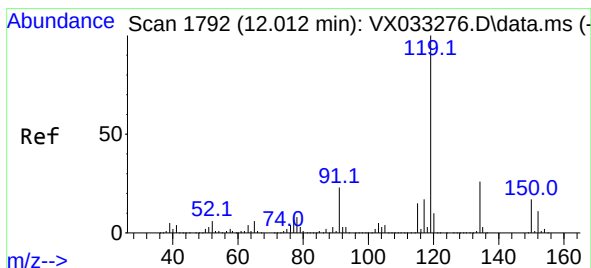
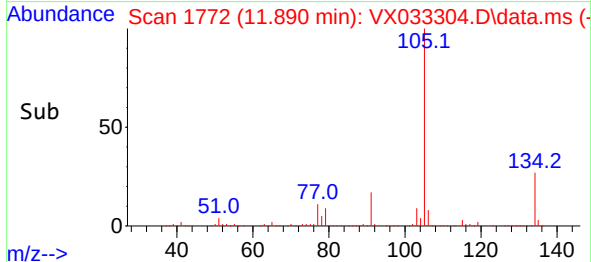
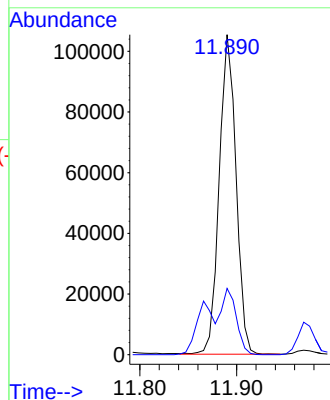
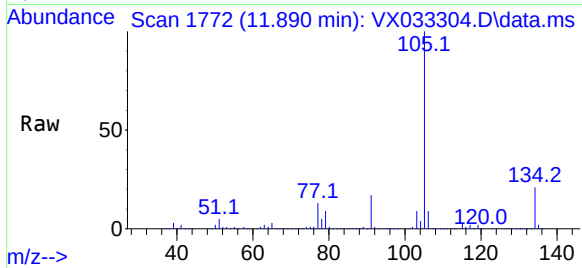




#85
 sec-Butylbenzene
 Concen: 15.630 ug/l
 RT: 11.890 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX033304.D
 Acq: 08 Dec 2022 00:10

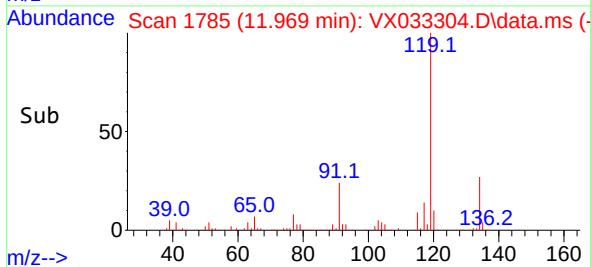
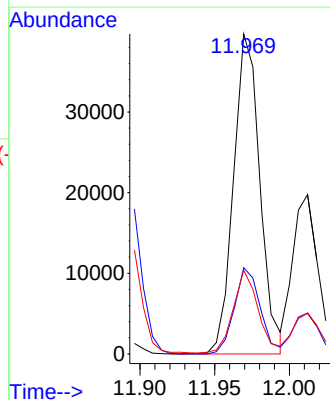
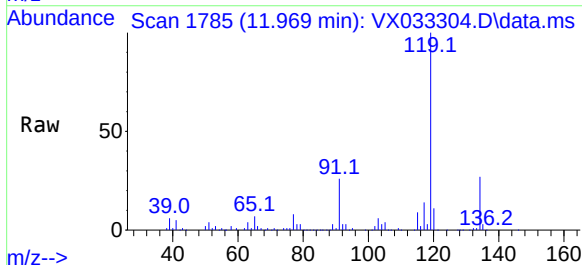
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-13R

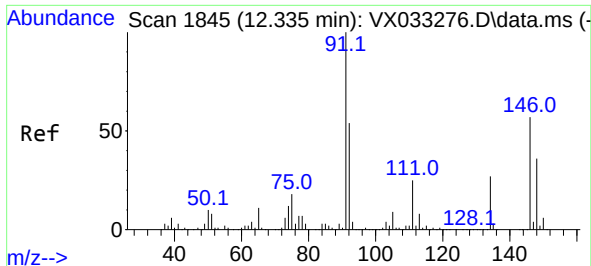
Tgt Ion:105 Resp: 126768
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 6.967 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.042 min
 Lab File: VX033304.D
 Acq: 08 Dec 2022 00:10

Tgt Ion:119 Resp: 48719
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.7
 91 24.5 12.5 37.5





#89

n-Butylbenzene

Concen: 31.518 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX033304.D

Acq: 08 Dec 2022 00:10

Instrument :

MSVOA_X

ClientSampleId :

MW-13R

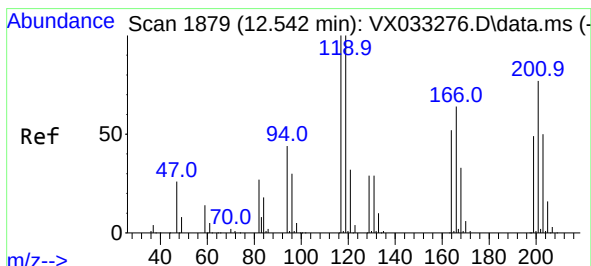
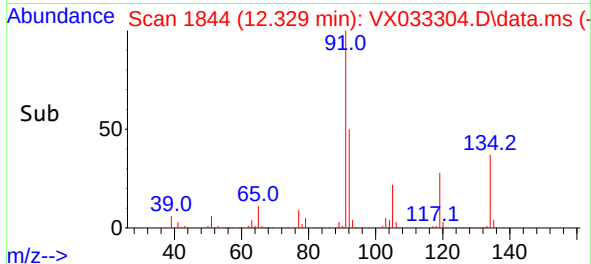
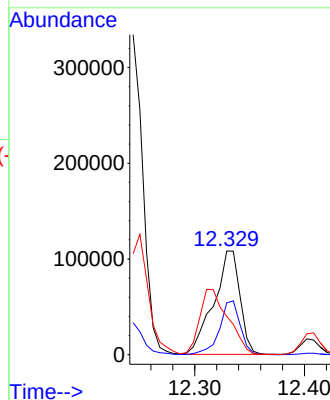
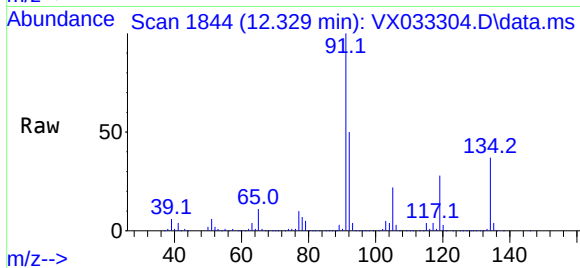
Tgt Ion: 91 Resp: 180504

Ion Ratio Lower Upper

91 100

92 40.8 26.2 78.6

134 0.0 12.9 38.6#



#90

Hexachloroethane

Concen: 94.145 ug/l

RT: 12.616 min Scan# 1891

Delta R.T. 0.074 min

Lab File: VX033304.D

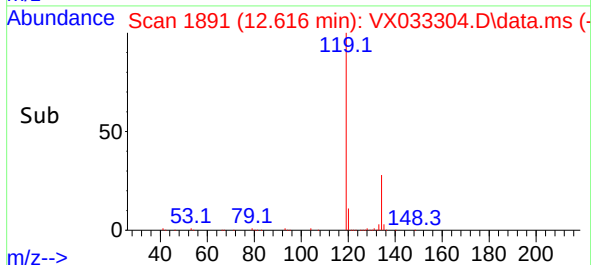
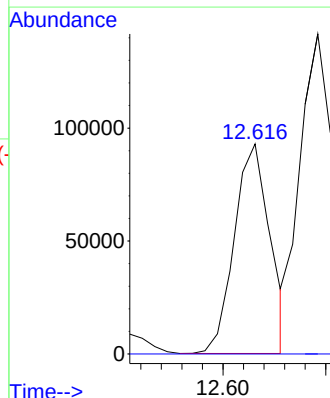
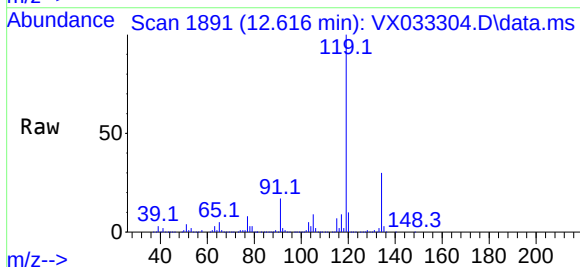
Acq: 08 Dec 2022 00:10

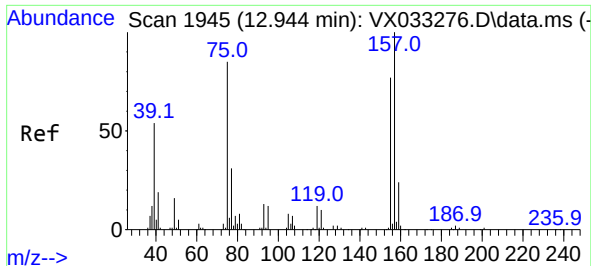
Tgt Ion:117 Resp: 111897

Ion Ratio Lower Upper

117 100

201 0.0 37.6 112.9#

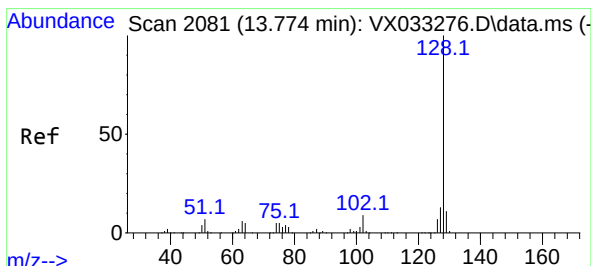
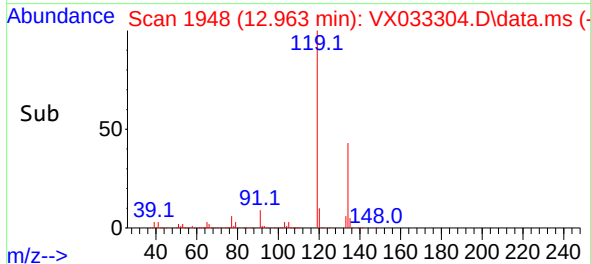
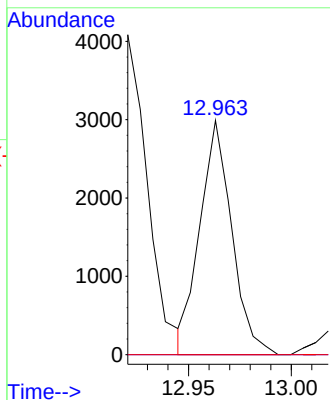
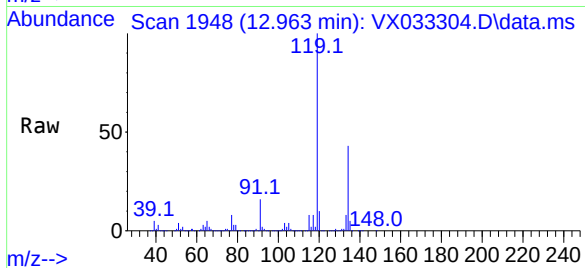




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.599 ug/l
RT: 12.963 min Scan# 1945
Delta R.T. 0.019 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Instrument :
MSVOA_X
ClientSampleId :
MW-13R

Tgt Ion: 75 Resp: 3213
Ion Ratio Lower Upper
75 100
155 0.0 41.6 124.8#
157 0.0 54.1 162.4#



#95
Naphthalene
Concen: 240.079 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033304.D
Acq: 08 Dec 2022 00:10

Tgt Ion: 128 Resp: 1852298
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.9 13.3

