

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029580.D
 Acq On : 18 Jun 2022 19:19
 Operator : JC/MD
 Sample : N3290-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4A

Quant Time: Jun 20 01:36:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	278901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	456556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	154523	41.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.700%
35) Dibromofluoromethane	5.391	113	135598	45.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.140%
50) Toluene-d8	8.653	98	527016	48.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.980%
62) 4-Bromofluorobenzene	11.085	95	199131	48.581	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.160%

Target Compounds				Qvalue		
3) Chloromethane	1.288	50	1319	0.362	ug/l #	86
5) Bromomethane	1.617	94	518	0.303	ug/l	91
6) Chloroethane	1.721	64	221	1.375	ug/l #	62
8) Diethyl Ether	2.130	74	1196	0.650	ug/l	96
10) Methyl Iodide	2.465	142	544	3.171	ug/l #	86
11) Tert butyl alcohol	2.977	59	43093	46.012	ug/l #	72
13) Acrolein	2.215	56	13333	65.560	ug/l #	1
14) Allyl chloride	2.758	41	34855	7.640	ug/l #	1
15) Acrylonitrile	3.111	53	9783	5.665	ug/l #	34
16) Acetone	2.386	43	12679	8.616	ug/l	94
17) Carbon Disulfide	2.514	76	1816	0.248	ug/l #	94
18) Methyl Acetate	2.782	43	86061	22.120	ug/l #	46
19) Methyl tert-butyl Ether	3.117	73	612728	62.463	ug/l #	69
20) Methylene Chloride	2.727	84	1936	0.591	ug/l #	18
22) Diisopropyl ether	3.763	45	575851	63.808	ug/l #	87
23) Vinyl Acetate	3.763	43	277929	36.889	ug/l #	67
24) 1,1-Dichloroethane	3.733	63	2270	0.418	ug/l #	81
25) 2-Butanone	4.580	43	9115	3.919	ug/l	91
29) Tetrahydrofuran	5.038	42	886	0.572	ug/l #	29
30) Chloroform	5.166	83	11723	2.041	ug/l #	24
31) Cyclohexane	5.477	56	330258	66.631	ug/l	99
36) 1,1-Dichloropropene	5.556	75	20015	4.970	ug/l #	49
38) Carbon Tetrachloride	5.556	117	27665	6.986	ug/l #	15
39) Methylcyclohexane	7.385	83	173142	34.486	ug/l	92
40) Benzene	6.056	78	16832810	1410.173	ug/l #	89
41) Methacrylonitrile	4.903	41	1166	0.536	ug/l #	8
42) 1,2-Dichloroethane	6.050	62	149536	36.442	ug/l #	73
43) Isopropyl Acetate	6.336	43	48246	7.517	ug/l #	10
44) Trichloroethene	7.129	130	2639	Below Cal		99
48) Methyl methacrylate	7.659	41	14645	4.654	ug/l #	59
51) 4-Methyl-2-Pentanone	8.574	43	6558	1.585	ug/l	92
52) Toluene	8.720	92	764665	100.040	ug/l	96
55) 1,1,2-Trichloroethane	9.104	97	12303	3.981	ug/l #	20
56) Ethyl methacrylate	9.104	69	3353	0.718	ug/l #	78
58) 2-Chloroethyl Vinyl ether	8.147	63	4622	2.107	ug/l #	45
59) 2-Hexanone	9.458	43	26419	8.433	ug/l	85

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 Response via : Initial Calibration

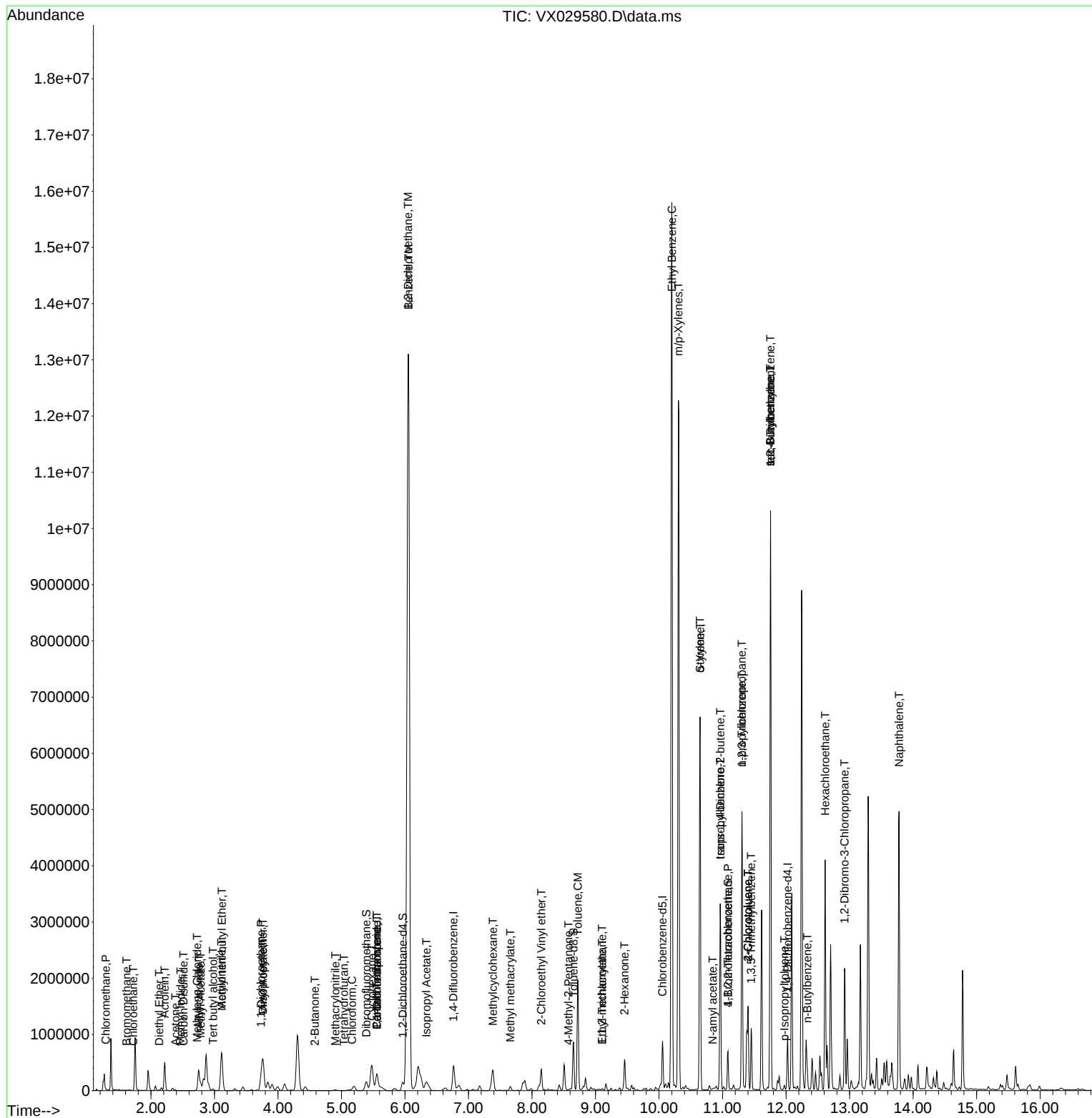
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.201	91	9157875	633.754	ug/l #	81
68) m/p-Xylenes	10.305	106	3150201	559.017	ug/l	92
69) o-Xylene	10.646	106	1510857	271.369	ug/l	97
70) Styrene	10.646	104	73838	8.100	ug/l #	1
73) Isopropylbenzene	10.963	105	1765510	123.592	ug/l	99
74) N-amyl acetate	10.848	43	1943	0.392	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	11.085	83	1650	0.357	ug/l	82
76) 1,2,3-Trichloropropane	11.305	75	17514	4.220	ug/l #	1
78) n-propylbenzene	11.305	91	3047192	189.399	ug/l	98
79) 2-Chlorotoluene	11.402	91	139406	13.994	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	484881	40.305	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.963	75	18876	15.130	ug/l #	55
82) 4-Chlorotoluene	11.402	91	139406	12.271	ug/l #	45
83) tert-Butylbenzene	11.756	119	585549	49.919	ug/l #	55
84) 1,2,4-Trimethylbenzene	11.756	105	4462126	371.894	ug/l	95
85) sec-Butylbenzene	11.756	105	4462126	306.943	ug/l #	56
86) p-Isopropyltoluene	11.975	119	33785	2.776	ug/l #	75
89) n-Butylbenzene	12.335	91	210362	20.477	ug/l #	56
90) Hexachloroethane	12.616	117	157482	90.353	ug/l #	10
92) 1,2-Dibromo-3-Chloropr...	12.920	75	6724	6.571	ug/l #	1
95) Naphthalene	13.780	128	3166618	236.952	ug/l	99

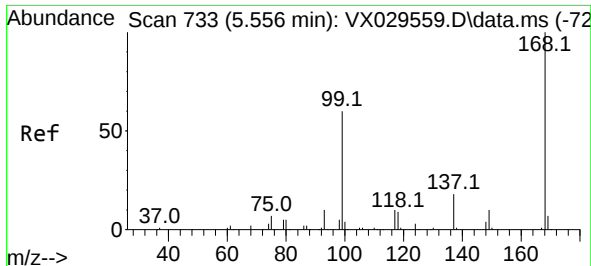
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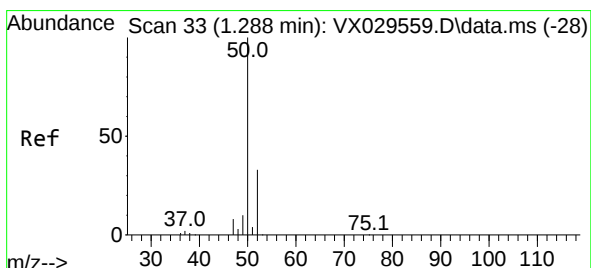
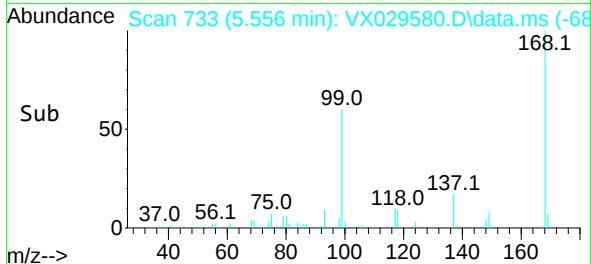
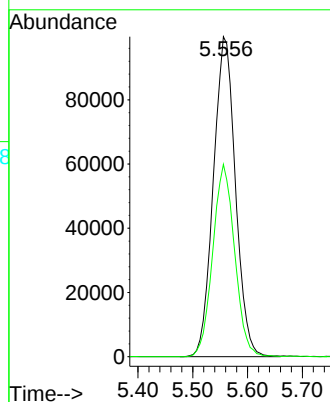
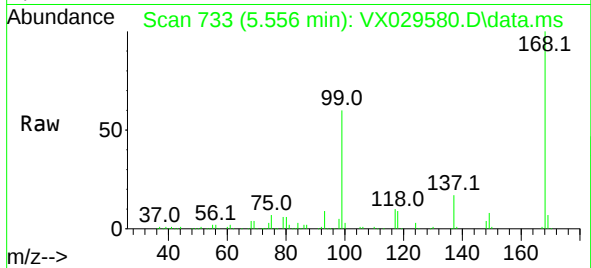




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

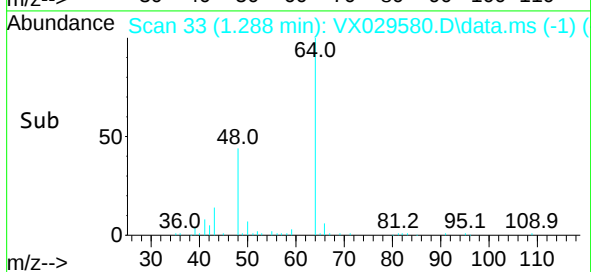
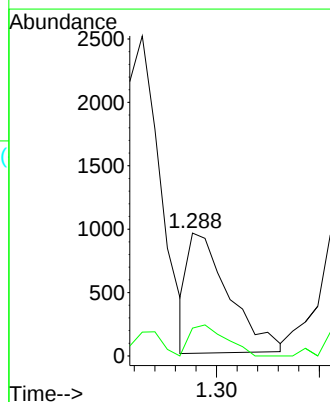
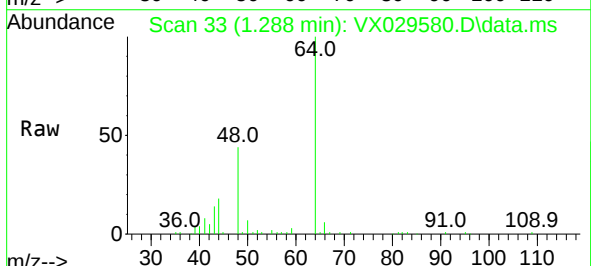
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MSVOA_X
ClientSampleId :
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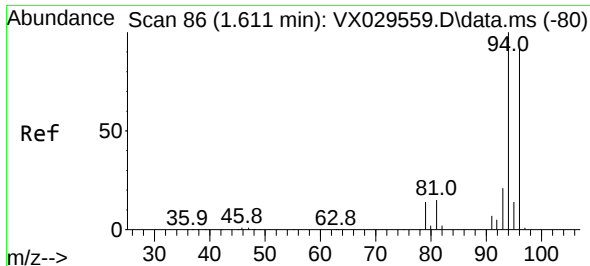
Tgt Ion:168 Resp: 278901
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 50 Resp: 1319
Ion Ratio Lower Upper
50 100
52 25.1 26.4 39.6#

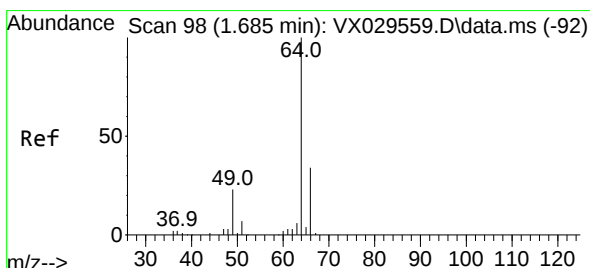
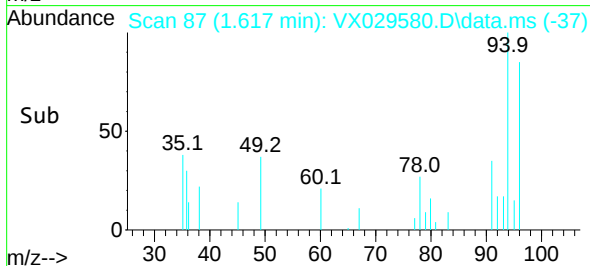
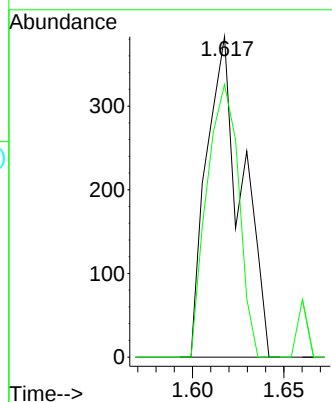
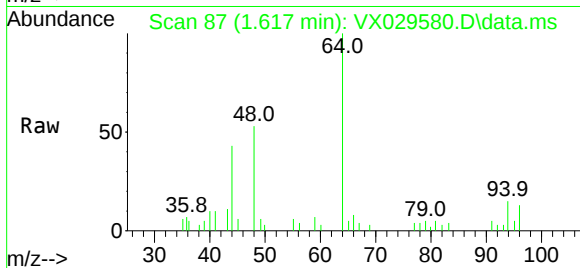




#5
Bromomethane
Concen: 0.303 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

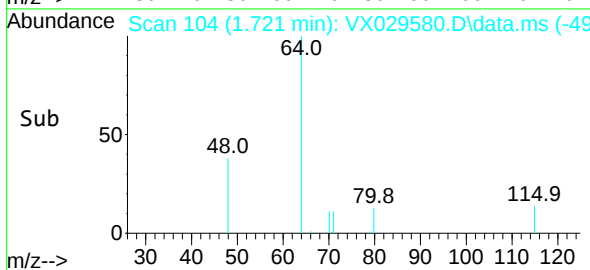
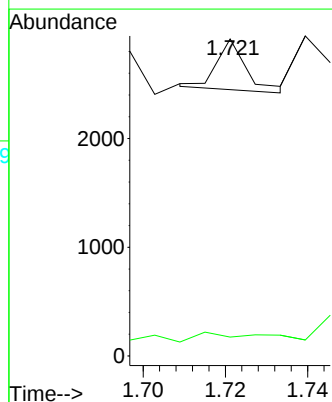
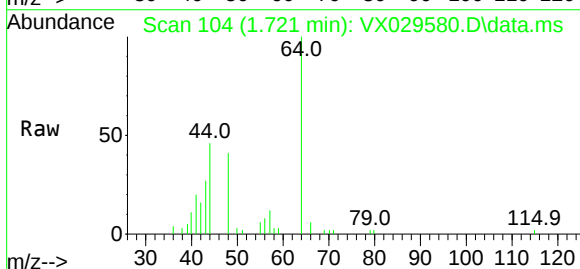
Instrument :
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ClientSampleId :
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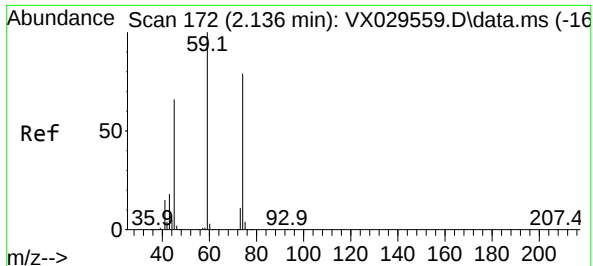
Tgt Ion: 94 Resp: 518
Ion Ratio Lower Upper
94 100
96 85.1 75.3 112.9



#6
Chloroethane
Concen: 1.375 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.036 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

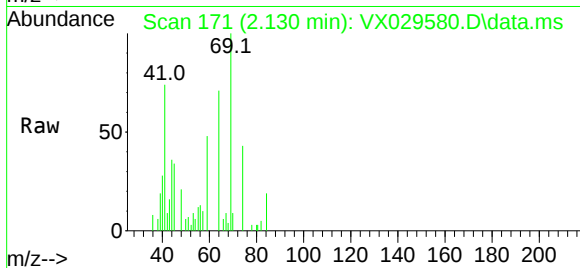
Tgt Ion: 64 Resp: 221
Ion Ratio Lower Upper
64 100
66 10.6 25.3 37.9#



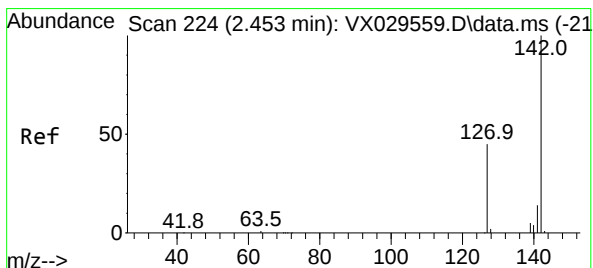
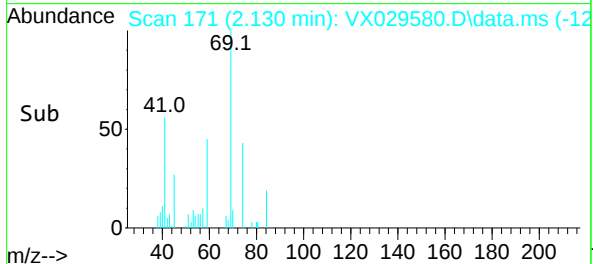
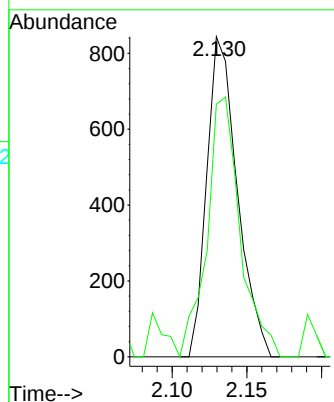


#8
Diethyl Ether
Concen: 0.650 ug/l
RT: 2.130 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
MW-4A

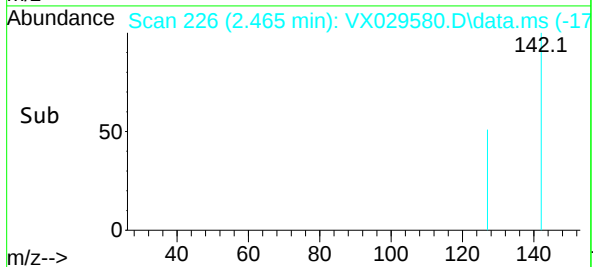
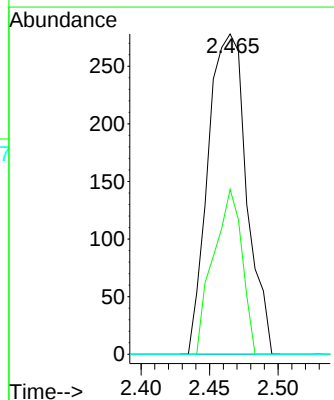
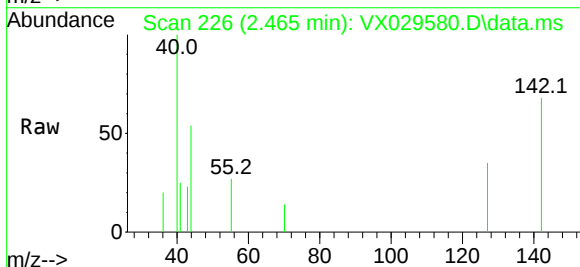


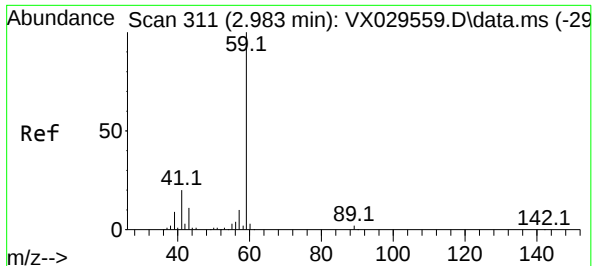
Tgt Ion: 74 Resp: 1196
Ion Ratio Lower Upper
74 100
45 88.0 42.0 126.0



#10
Methyl Iodide
Concen: 3.171 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 142 Resp: 544
Ion Ratio Lower Upper
142 100
127 38.1 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 46.012 ug/l

RT: 2.977 min Scan# 311

Delta R.T. -0.006 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

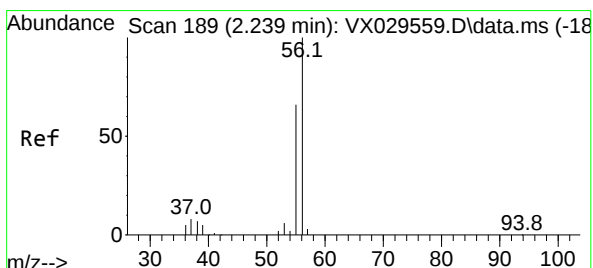
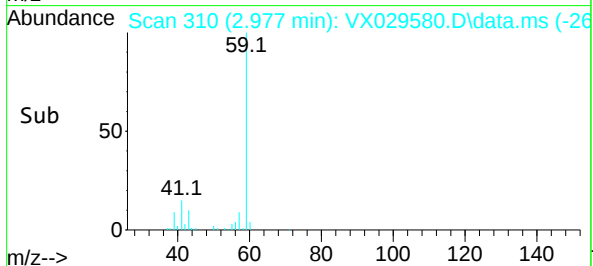
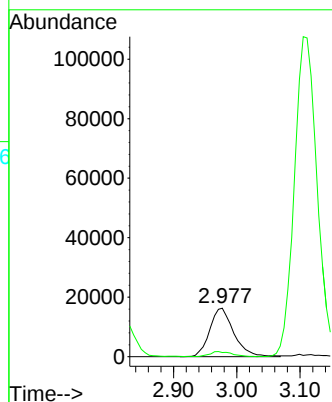
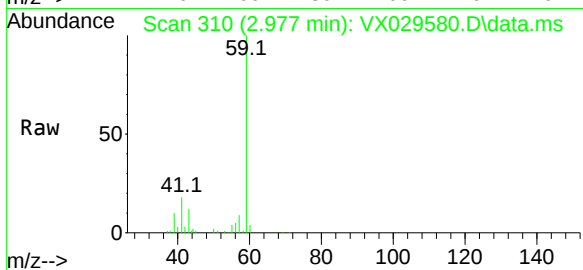
MW-4A

Tgt Ion: 59 Resp: 43093

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 65.560 ug/l

RT: 2.215 min Scan# 185

Delta R.T. -0.024 min

Lab File: VX029580.D

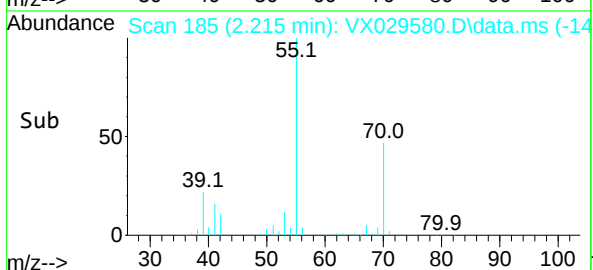
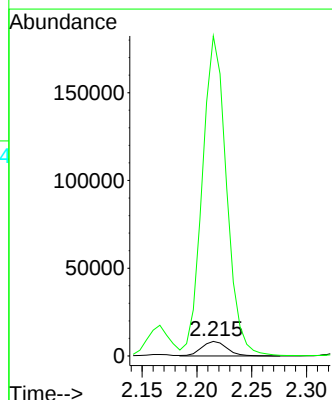
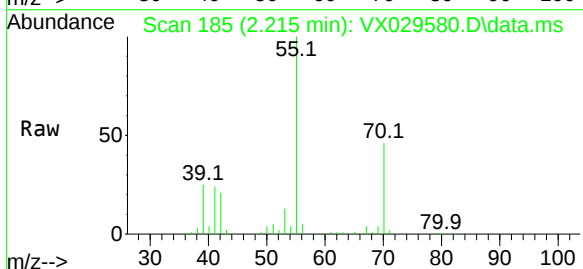
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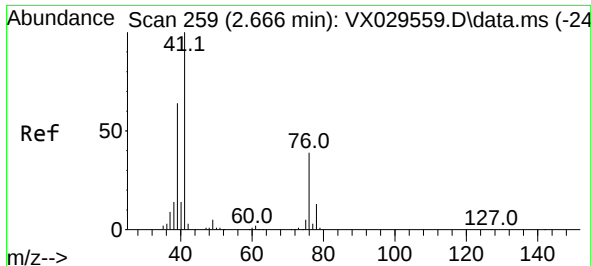
Tgt Ion: 56 Resp: 13333

Ion Ratio Lower Upper

56 100

55 2096.4 55.0 82.6#

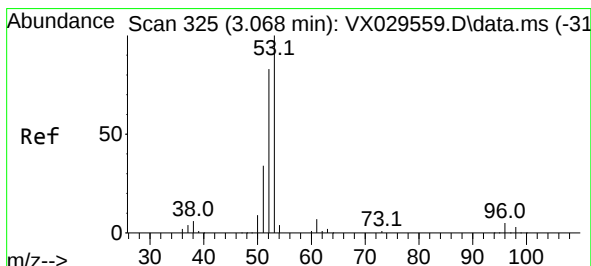
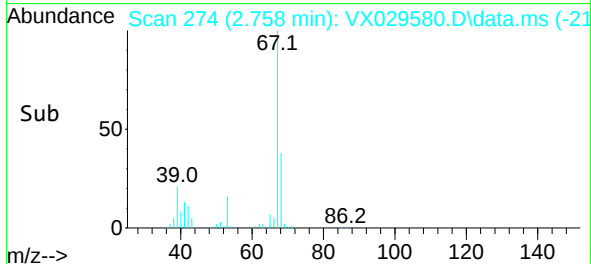
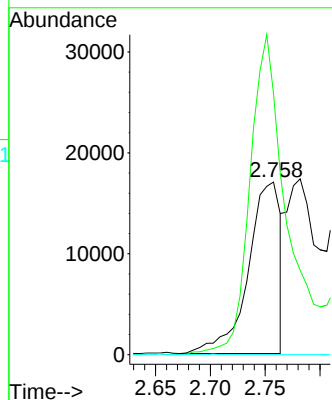
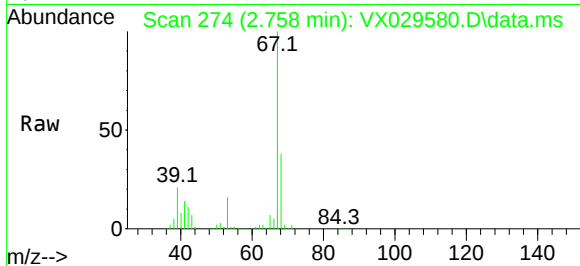




#14
 Allyl chloride
 Concen: 7.640 ug/l
 RT: 2.758 min Scan# 21
 Delta R.T. 0.092 min
 Lab File: VX029580.D
 Acq: 18 Jun 2022 19:19

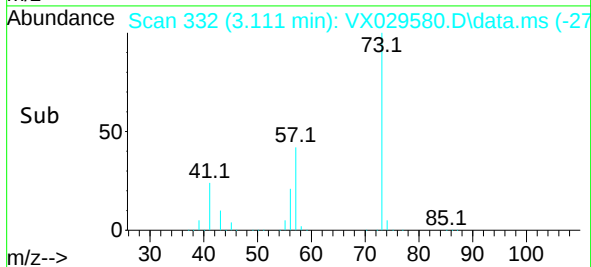
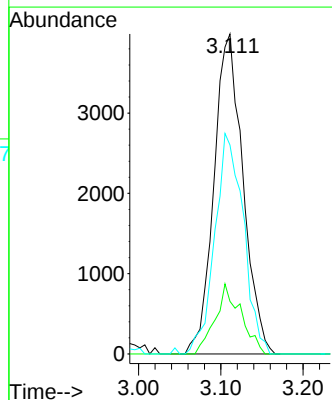
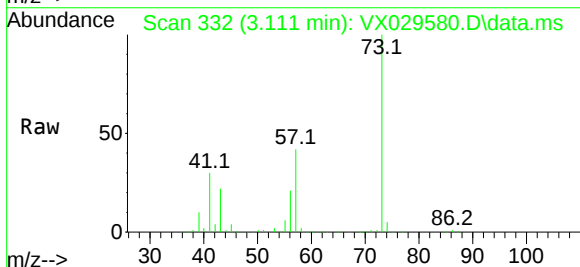
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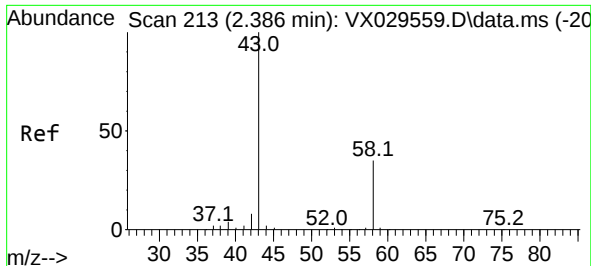
Tgt Ion: 41 Resp: 34855
 Ion Ratio Lower Upper
 41 100
 39 208.8 50.4 75.6#
 76 0.0 32.7 49.1#



#15
 Acrylonitrile
 Concen: 5.665 ug/l
 RT: 3.111 min Scan# 332
 Delta R.T. 0.043 min
 Lab File: VX029580.D
 Acq: 18 Jun 2022 19:19

Tgt Ion: 53 Resp: 9783
 Ion Ratio Lower Upper
 53 100
 52 19.4 65.7 98.5#
 51 67.9 28.4 42.6#

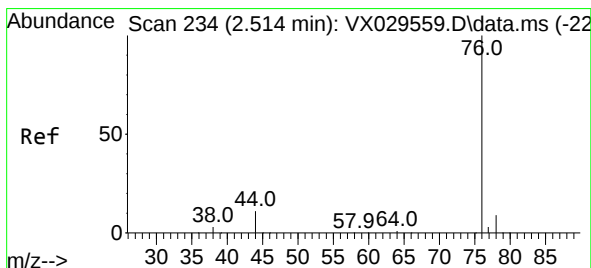
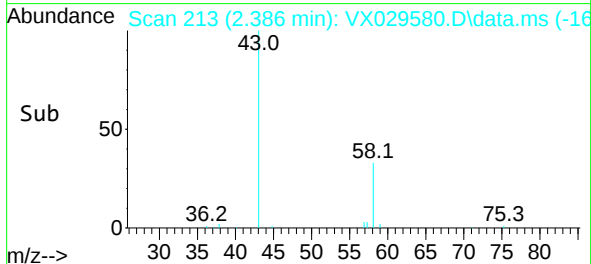
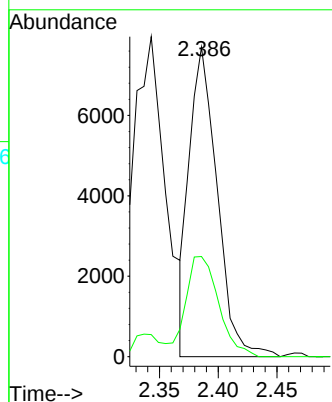
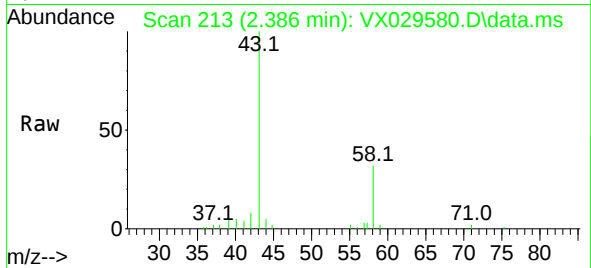




#16
Acetone
Concen: 8.616 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029580.D
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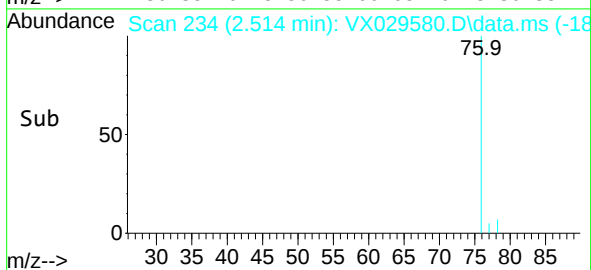
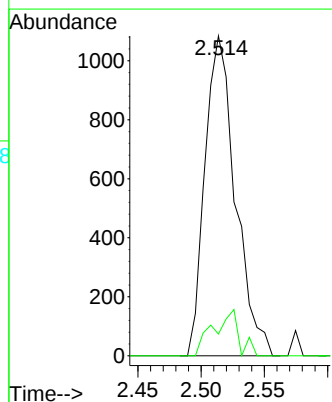
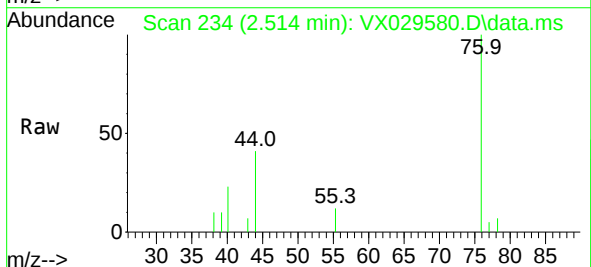
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

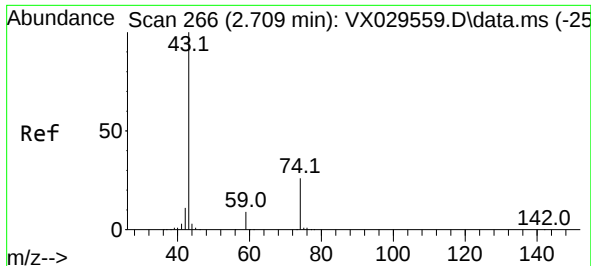
Tgt Ion: 43 Resp: 12679
Ion Ratio Lower Upper
43 100
58 32.4 28.8 43.2



#17
Carbon Disulfide
Concen: 0.248 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 76 Resp: 1816
Ion Ratio Lower Upper
76 100
78 6.8 7.2 10.8#

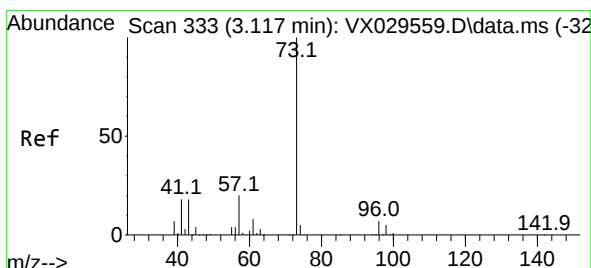
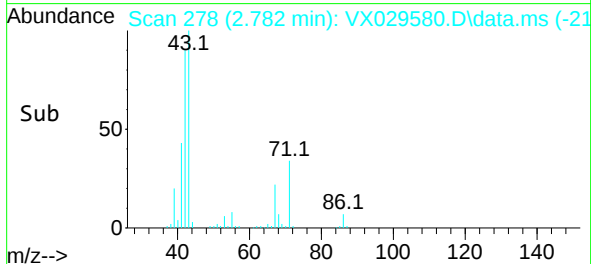
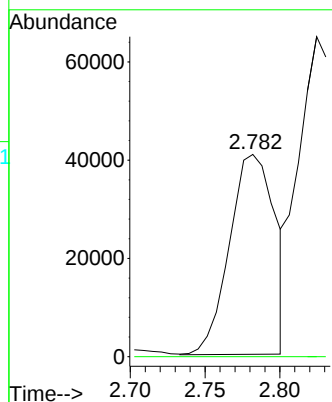
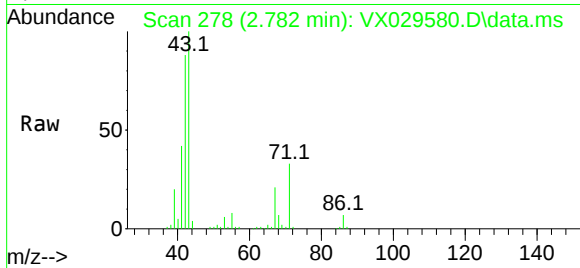




#18
Methyl Acetate
Concen: 22.120 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.073 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

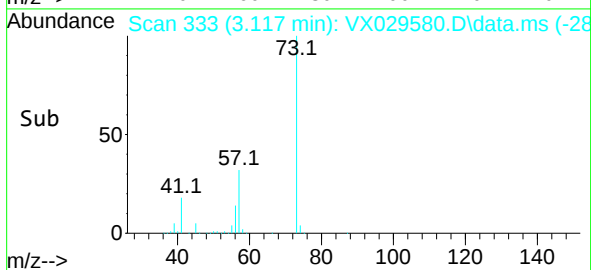
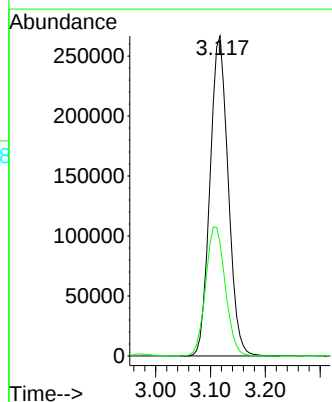
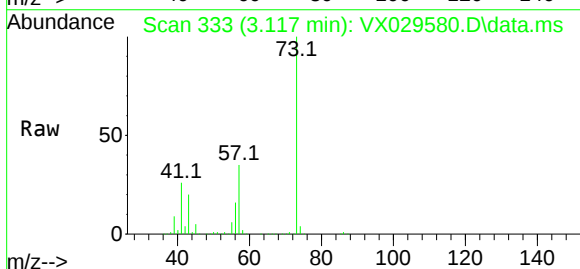
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

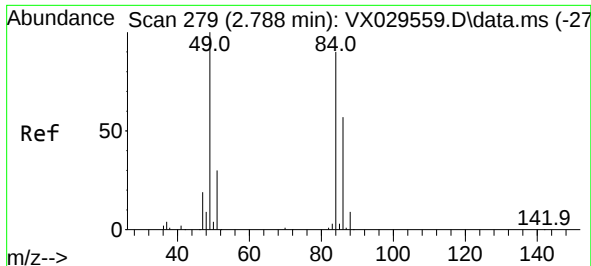
Tgt Ion: 43 Resp: 86061
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#



#19
Methyl tert-butyl Ether
Concen: 62.463 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 73 Resp: 612728
Ion Ratio Lower Upper
73 100
57 35.3 16.8 25.2#

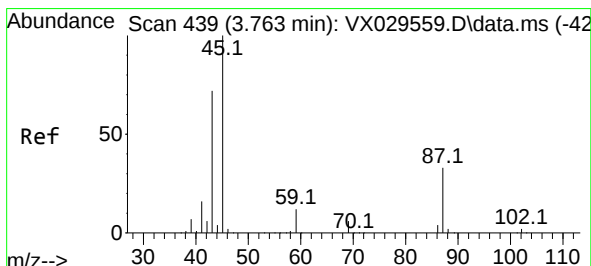
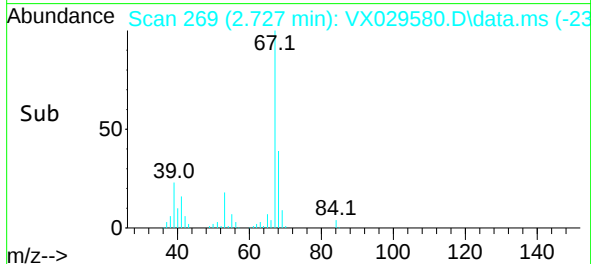
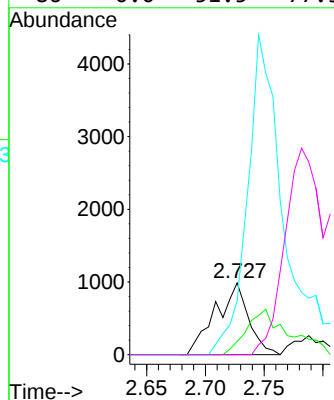
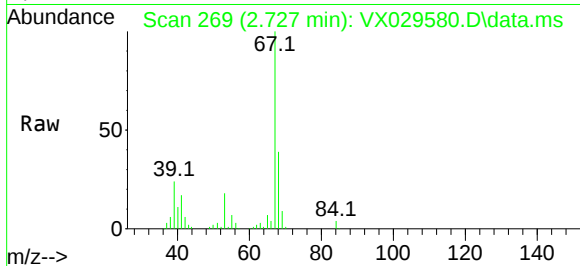




#20
Methylene Chloride
Concen: 0.591 ug/l
RT: 2.727 min Scan# 21
Delta R.T. -0.061 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

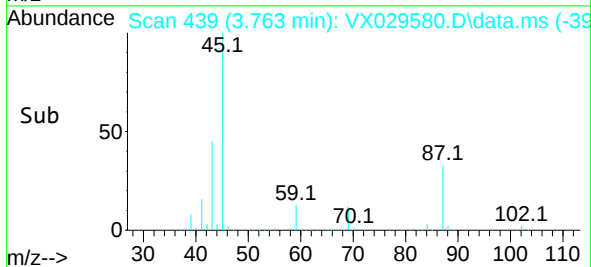
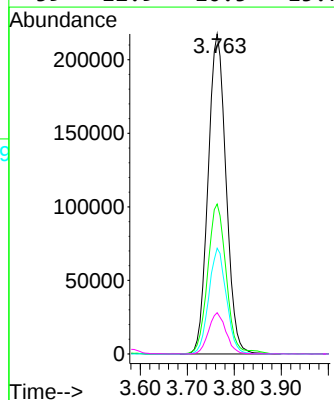
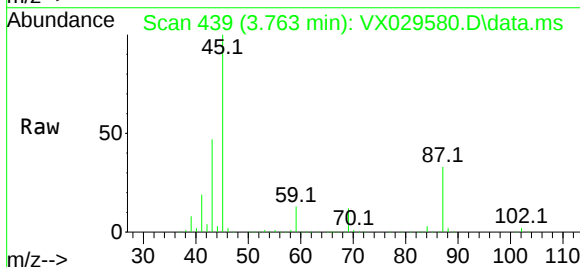
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

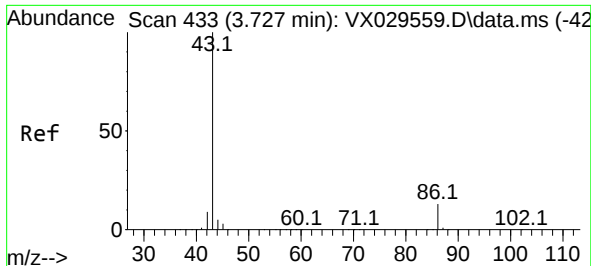
Tgt Ion:	84	Resp:	1936
Ion	Ratio	Lower	Upper
84	100		
49	18.5	85.5	128.3#
51	74.9	26.6	39.8#
86	0.0	51.5	77.3#



#22
Diisopropyl ether
Concen: 63.808 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion:	45	Resp:	575851
Ion	Ratio	Lower	Upper
45	100		
43	46.8	50.8	76.2#
87	33.1	26.6	39.8
59	12.9	10.5	15.7

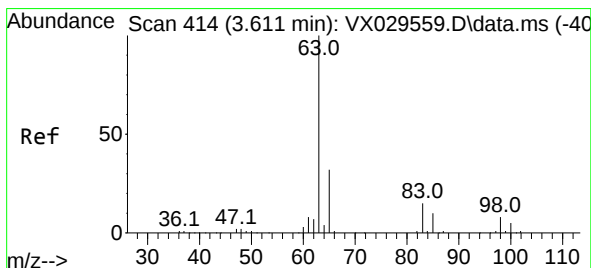
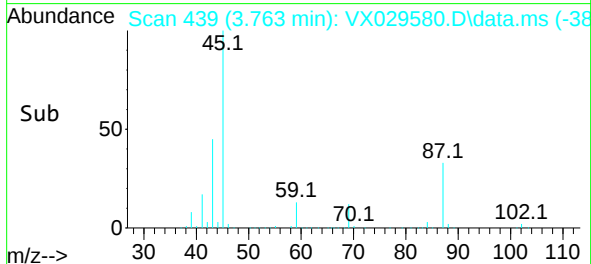
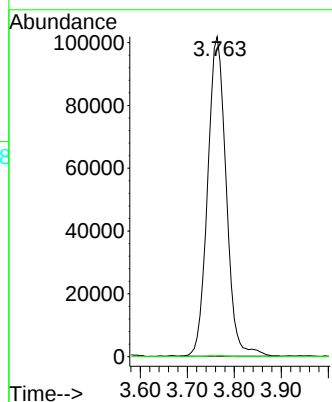
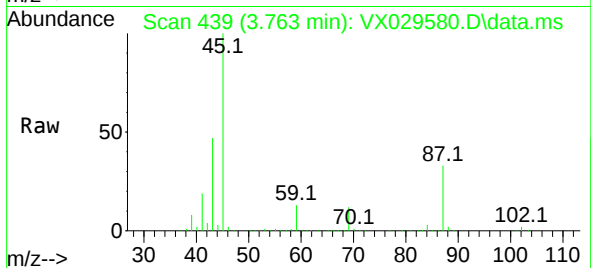




#23
 Vinyl Acetate
 Concen: 36.889 ug/l
 RT: 3.763 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VX029580.D
 Acq: 18 Jun 2022 19:19

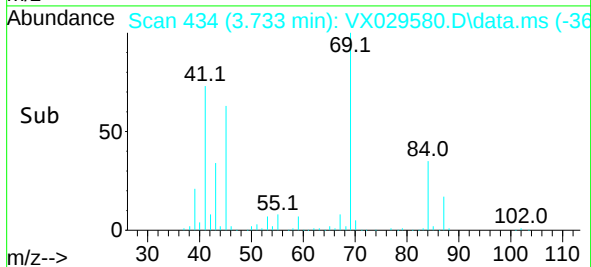
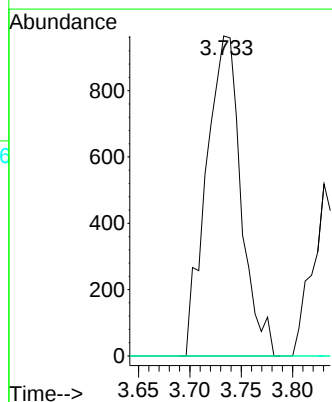
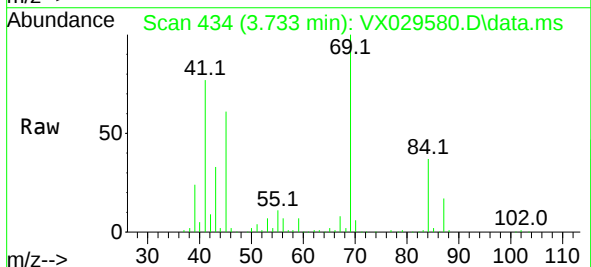
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4A

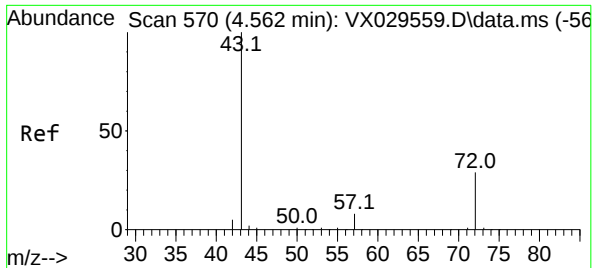
Tgt Ion: 43 Resp: 277929
 Ion Ratio Lower Upper
 43 100
 86 0.3 10.8 16.2#



#24
 1,1-Dichloroethane
 Concen: 0.418 ug/l
 RT: 3.733 min Scan# 434
 Delta R.T. 0.122 min
 Lab File: VX029580.D
 Acq: 18 Jun 2022 19:19

Tgt Ion: 63 Resp: 2270
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.4 7.2#

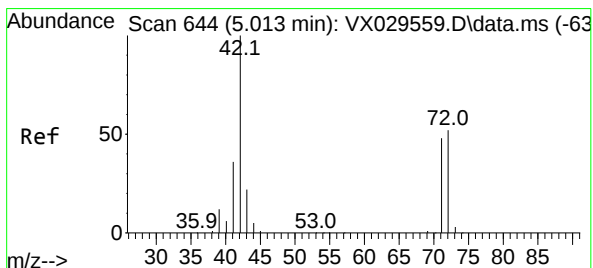
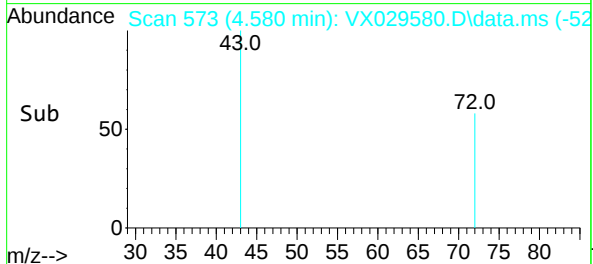
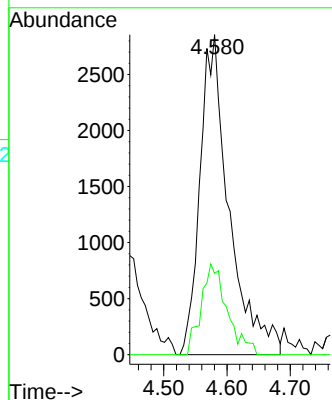
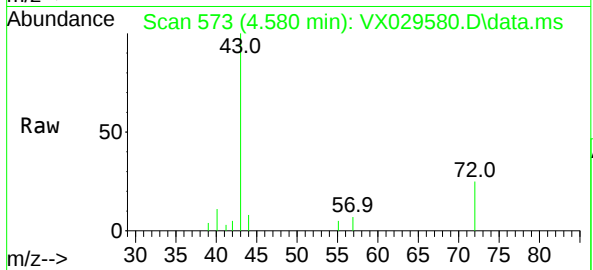




#25
2-Butanone
Concen: 3.919 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

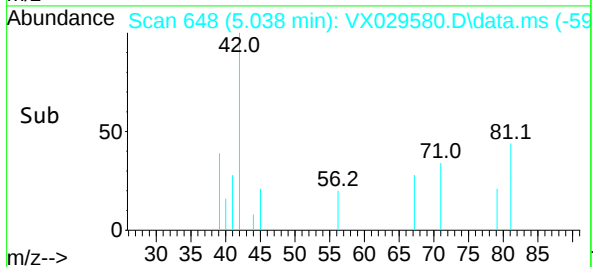
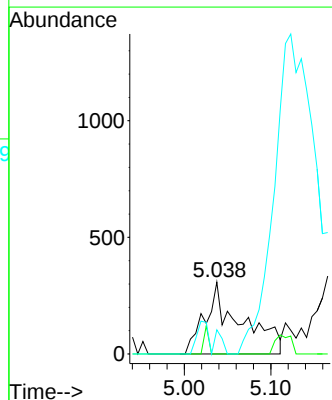
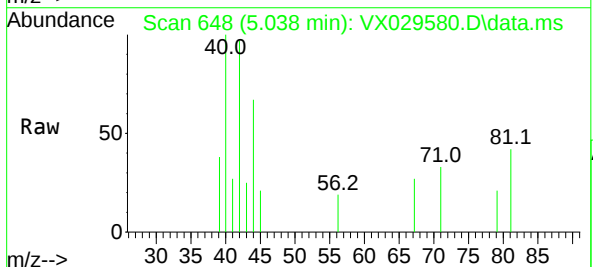
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

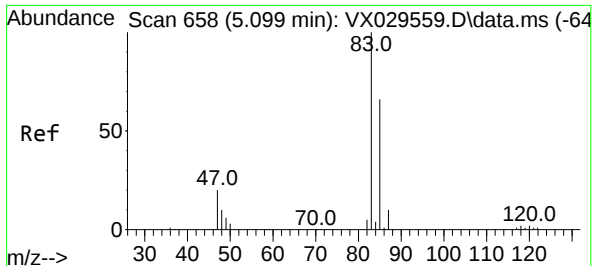
Tgt Ion: 43 Resp: 9115
Ion Ratio Lower Upper
43 100
72 25.4 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.572 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 42 Resp: 886
Ion Ratio Lower Upper
42 100
72 5.0 44.1 66.1#
71 0.0 40.5 60.7#





#30

Chloroform

Concen: 2.041 ug/l

RT: 5.166 min Scan# 6

Delta R.T. 0.067 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

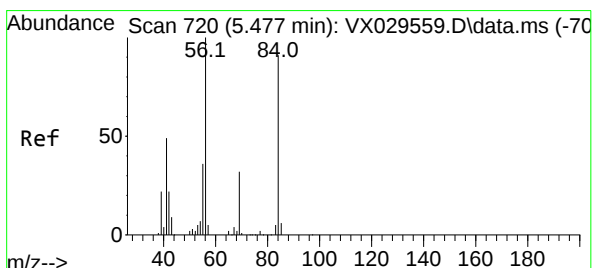
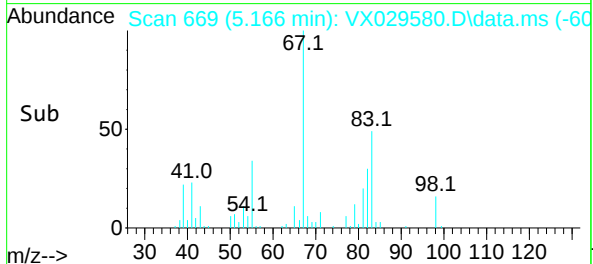
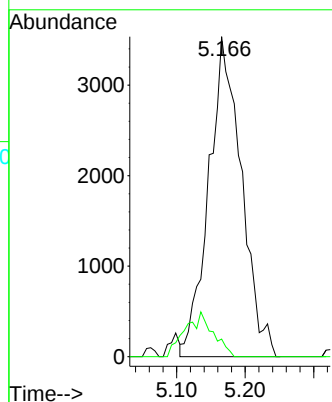
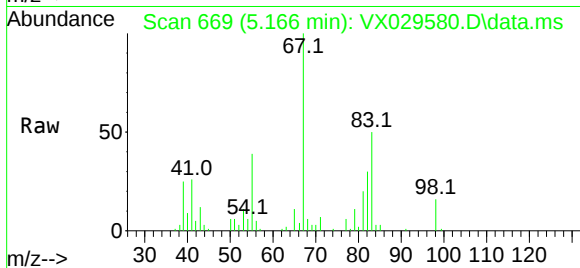
MW-4A

Tgt Ion: 83 Resp: 11723

Ion Ratio Lower Upper

83 100

85 5.5 52.7 79.1#



#31

Cyclohexane

Concen: 66.631 ug/l

RT: 5.477 min Scan# 720

Delta R.T. -0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

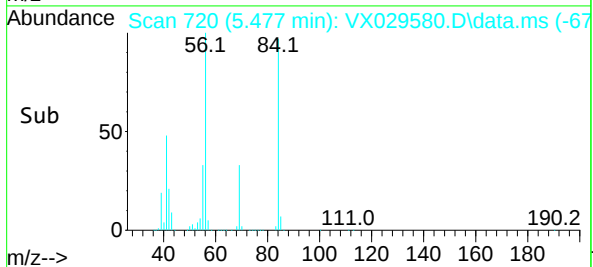
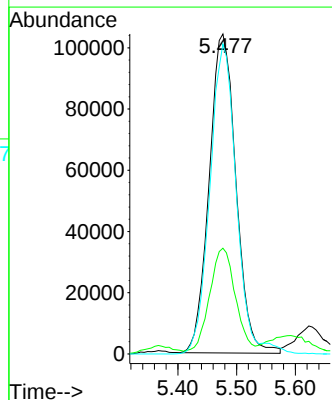
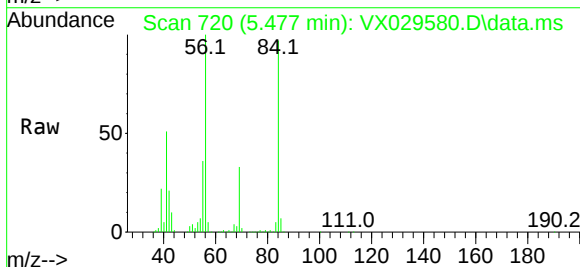
Tgt Ion: 56 Resp: 330258

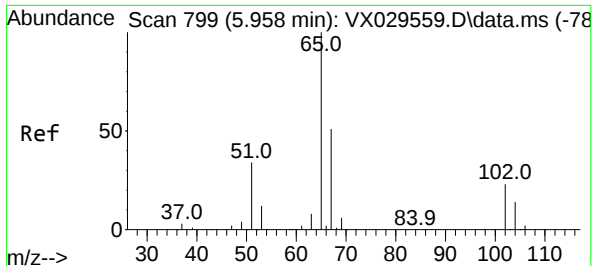
Ion Ratio Lower Upper

56 100

69 32.0 26.7 40.1

84 97.1 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 41.855 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

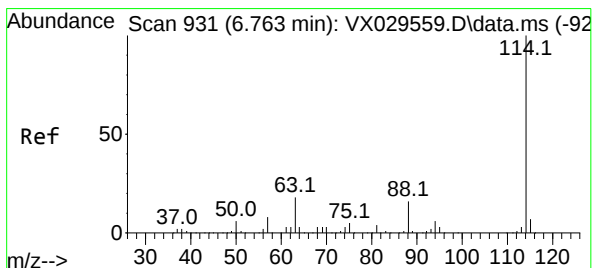
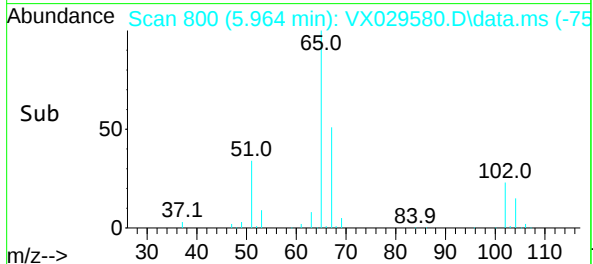
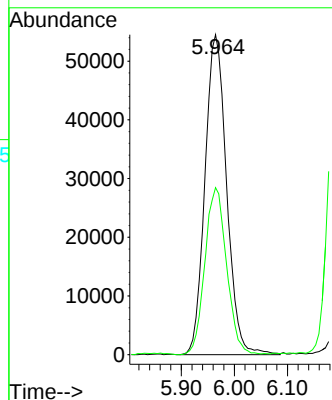
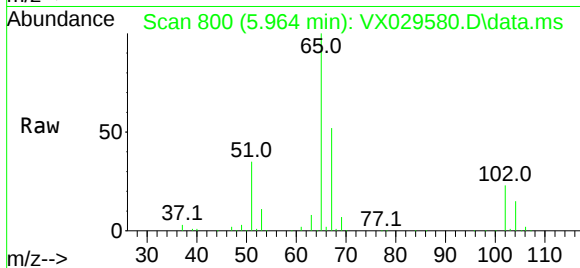
MW-4A

Tgt Ion: 65 Resp: 154523

Ion Ratio Lower Upper

65 100

67 52.4 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

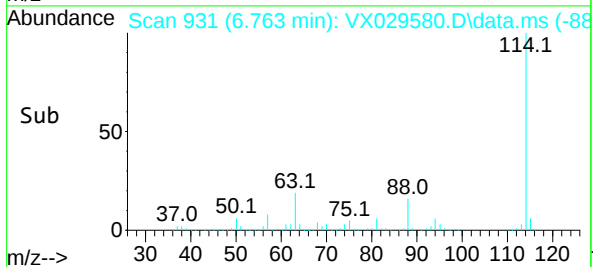
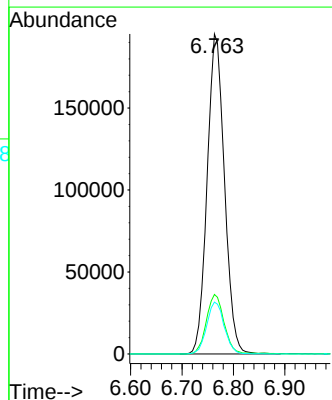
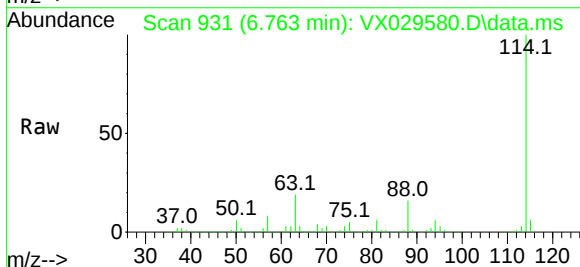
Tgt Ion: 114 Resp: 456556

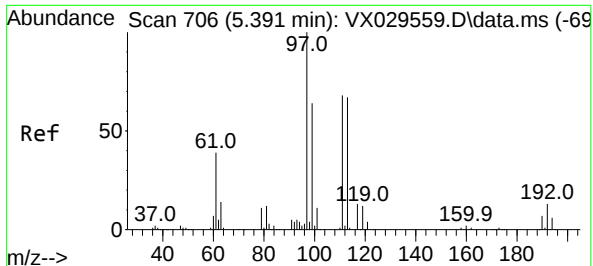
Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.8

88 16.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.574 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4A

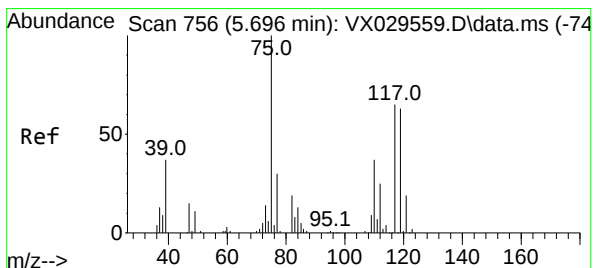
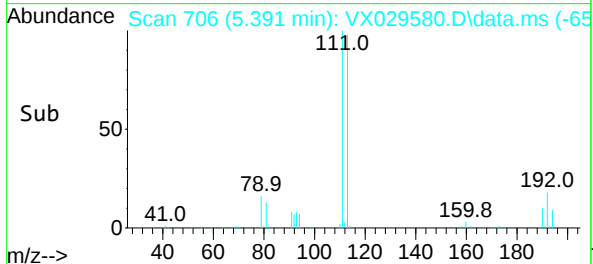
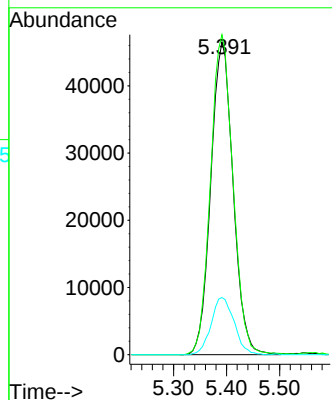
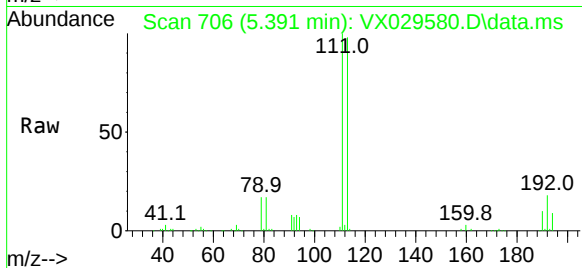
Tgt Ion:113 Resp: 135598

Ion Ratio Lower Upper

113 100

111 103.2 82.8 124.2

192 18.9 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.970 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

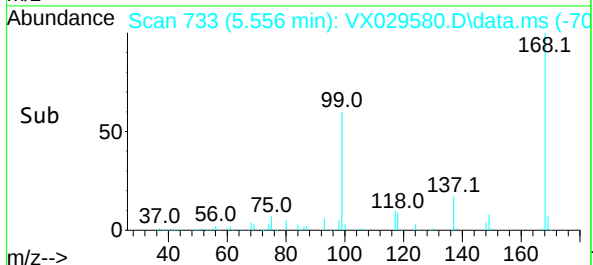
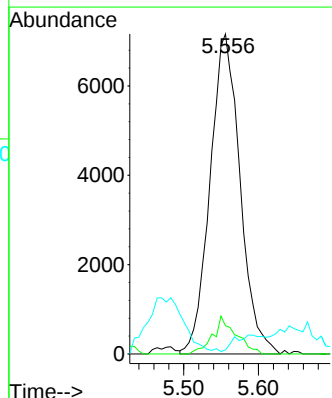
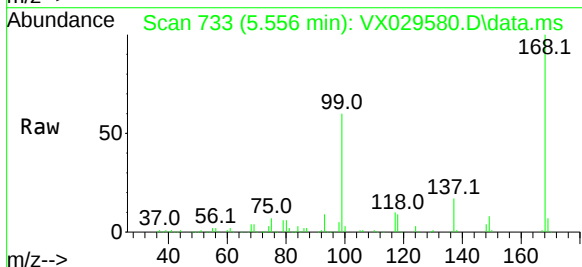
Tgt Ion: 75 Resp: 20015

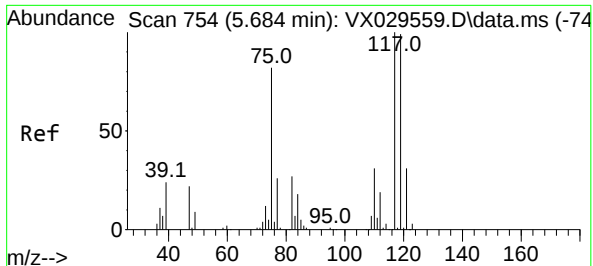
Ion Ratio Lower Upper

75 100

110 9.1 18.3 54.8#

77 0.0 24.8 37.2#

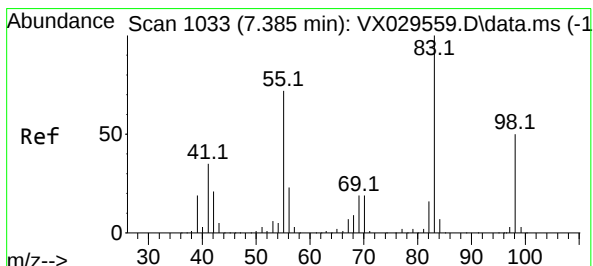
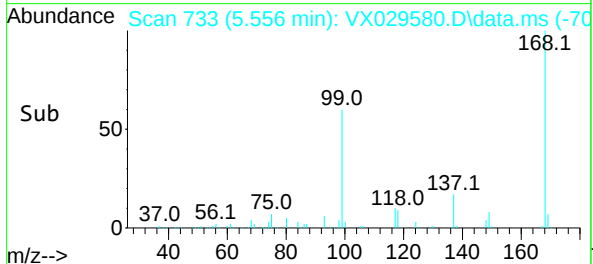
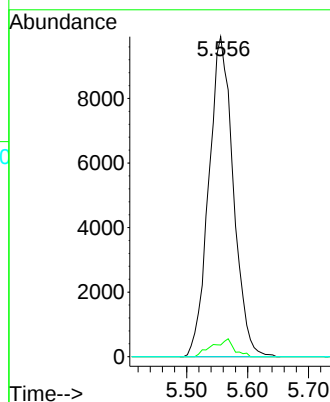
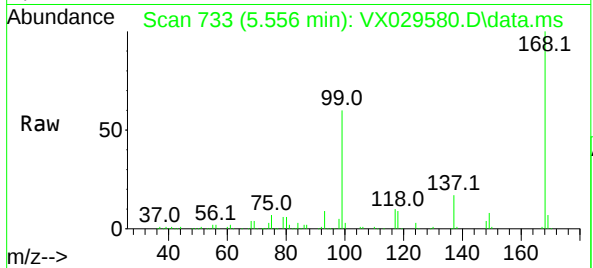




#38
Carbon Tetrachloride
Concen: 6.986 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

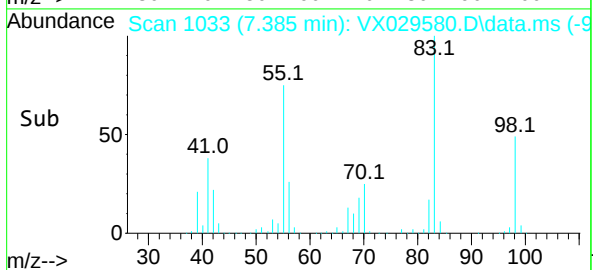
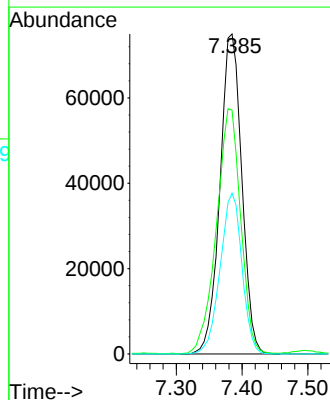
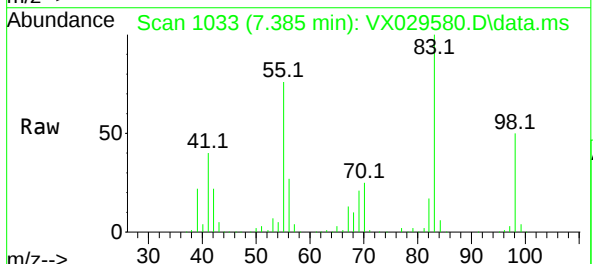
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

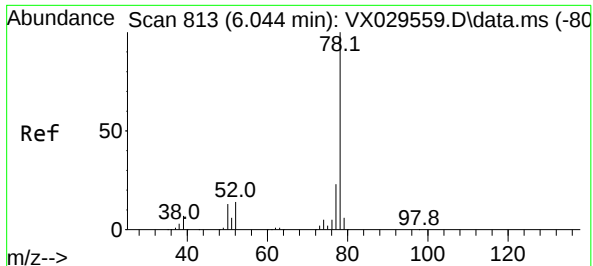
Tgt Ion:117 Resp: 27665
Ion Ratio Lower Upper
117 100
119 3.7 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 34.486 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 83 Resp: 173142
Ion Ratio Lower Upper
83 100
55 76.1 54.6 81.8
98 50.2 37.4 56.2

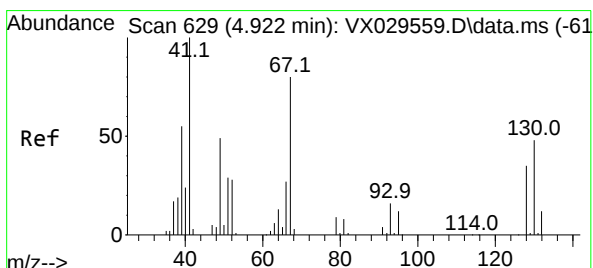
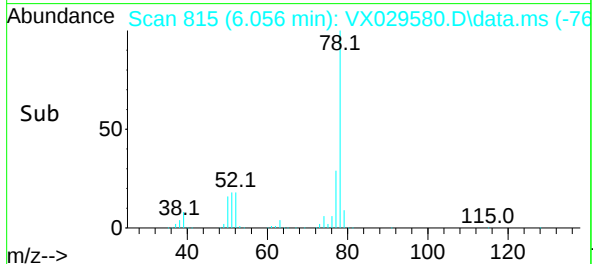
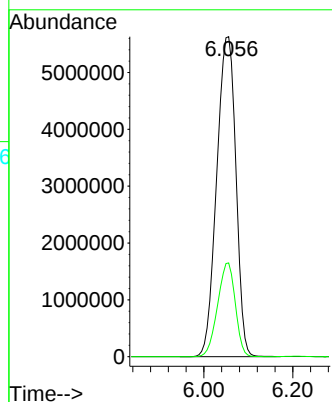
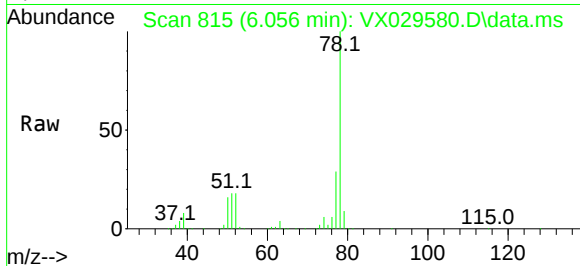




#40
Benzene
Concen: 1410.173 ug/l
RT: 6.056 min Scan# 813
Delta R.T. 0.012 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

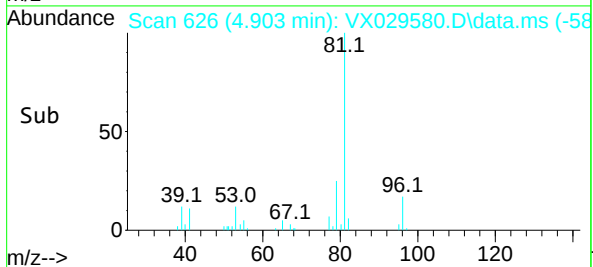
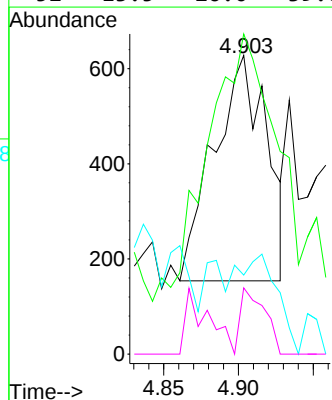
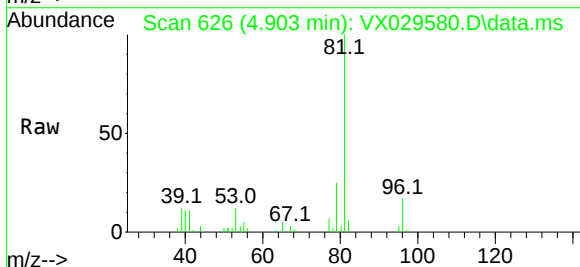
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

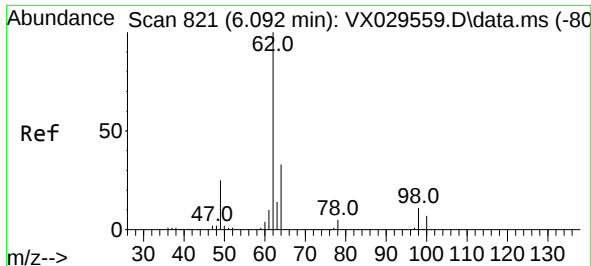
Tgt Ion: 78 Resp:16832810
Ion Ratio Lower Upper
78 100
77 29.3 19.3 28.9#



#41
Methacrylonitrile
Concen: 0.536 ug/l
RT: 4.903 min Scan# 626
Delta R.T. -0.019 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 41 Resp: 1166
Ion Ratio Lower Upper
41 100
39 142.7 43.0 64.4#
67 0.0 70.2 105.4#
52 13.5 26.0 39.0#





#42

1,2-Dichloroethane

Concen: 36.442 ug/l

RT: 6.050 min Scan# 81

Delta R.T. -0.042 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

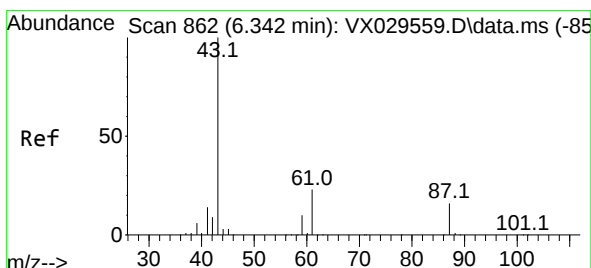
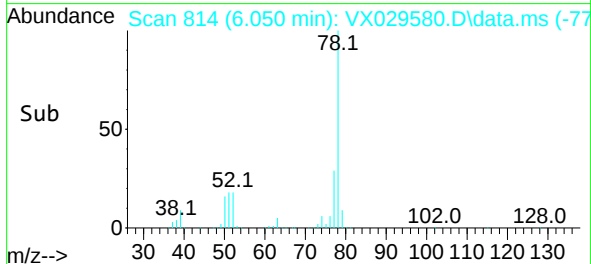
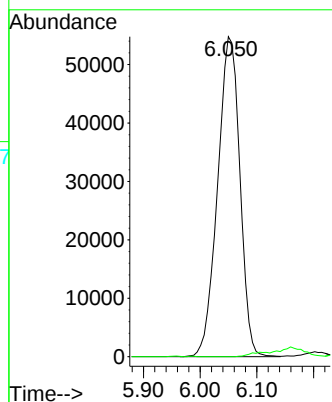
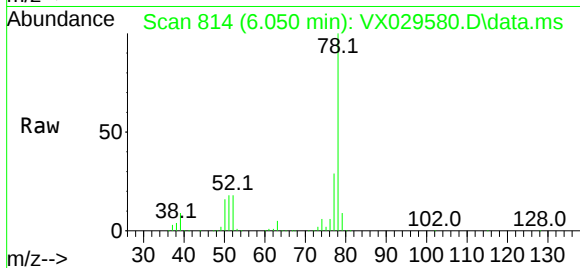
MW-4A

Tgt Ion: 62 Resp: 149536

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.4



#43

Isopropyl Acetate

Concen: 7.517 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.006 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

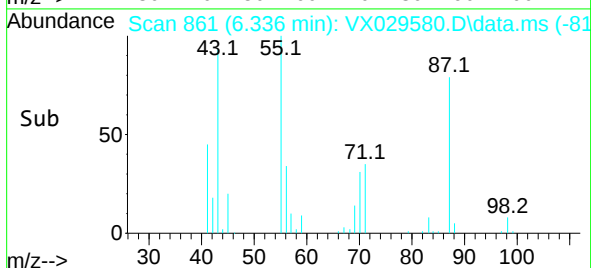
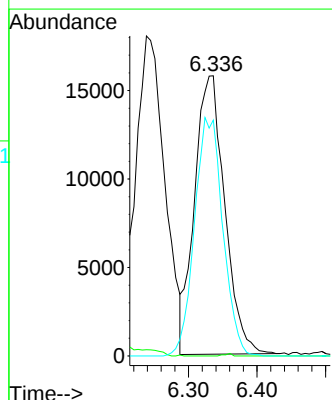
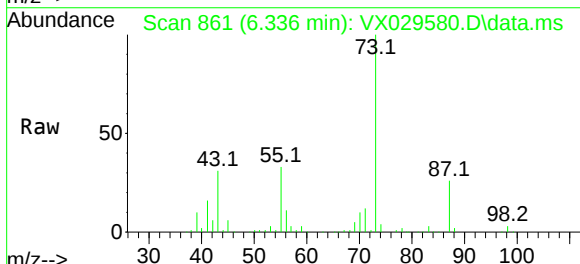
Tgt Ion: 43 Resp: 48246

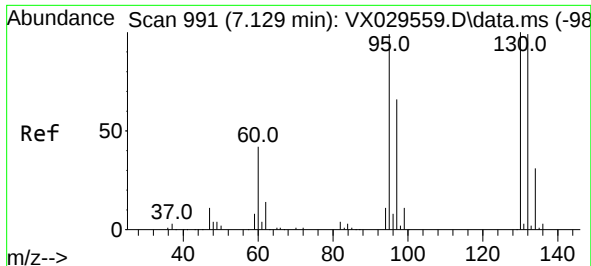
Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 80.3 13.0 19.6#

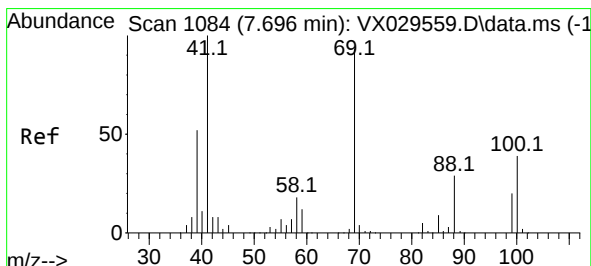
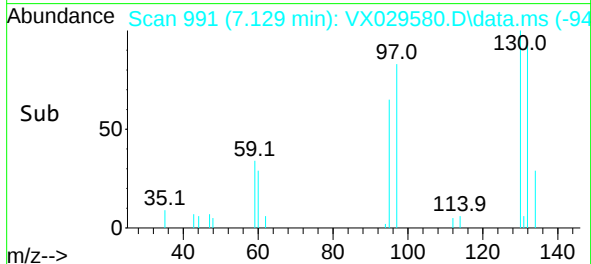
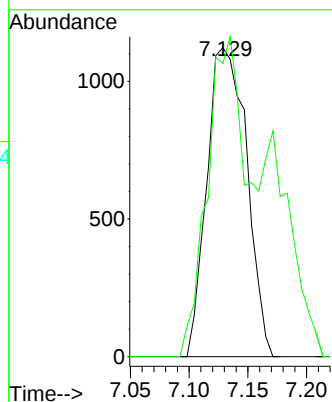
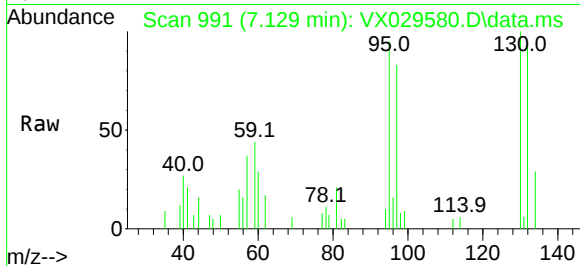




#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

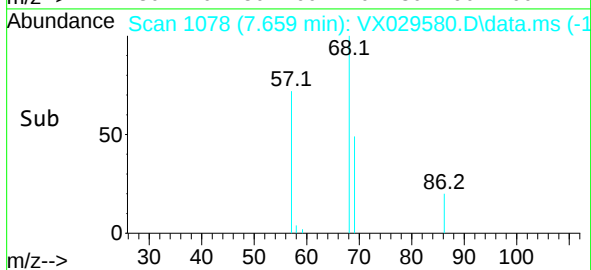
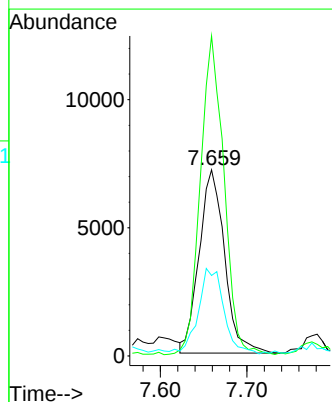
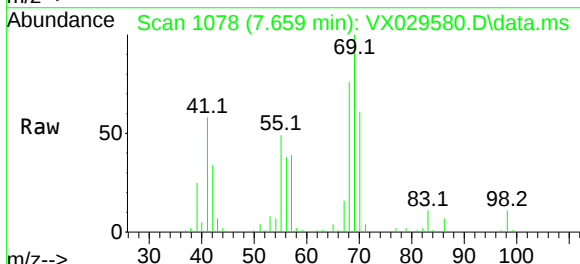
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

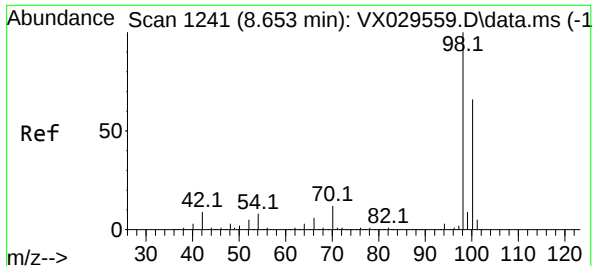
Tgt Ion:130 Resp: 2639
Ion Ratio Lower Upper
130 100
95 94.9 0.0 188.8



#48
Methyl methacrylate
Concen: 4.654 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.037 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 41 Resp: 14645
Ion Ratio Lower Upper
41 100
69 160.5 82.5 123.7#
39 46.8 43.8 65.8

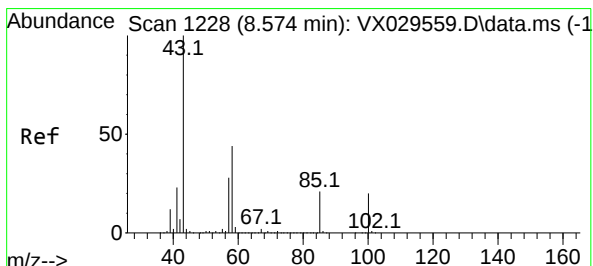
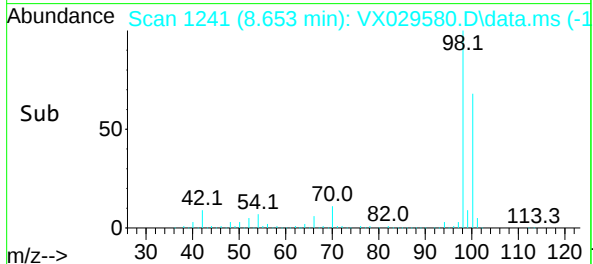
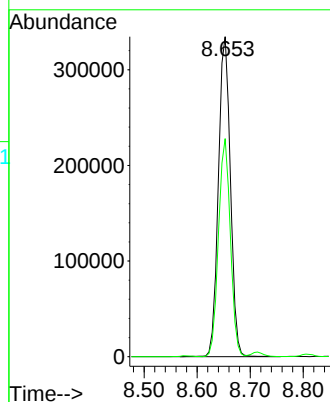
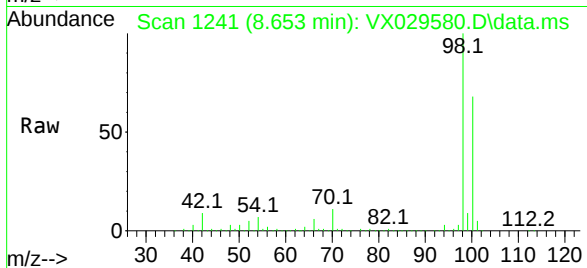




#50
Toluene-d8
Concen: 48.486 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

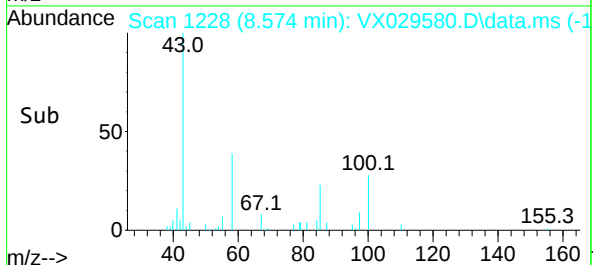
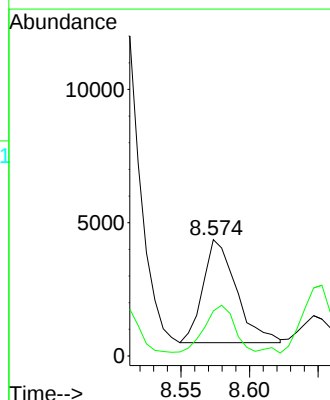
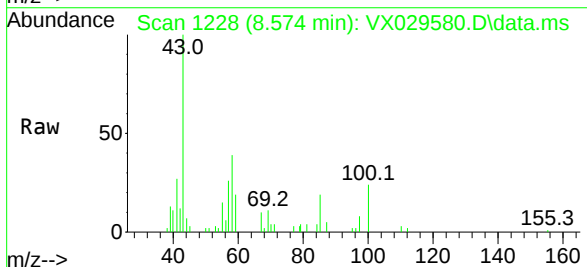
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

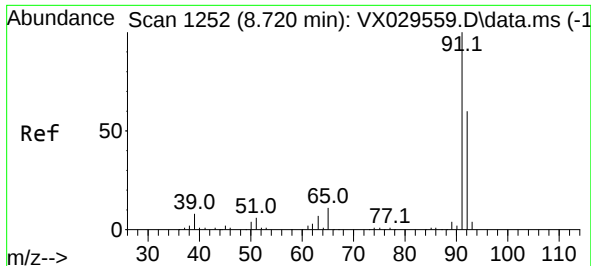
Tgt Ion: 98 Resp: 527016
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.585 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 43 Resp: 6558
Ion Ratio Lower Upper
43 100
58 39.9 36.1 54.1

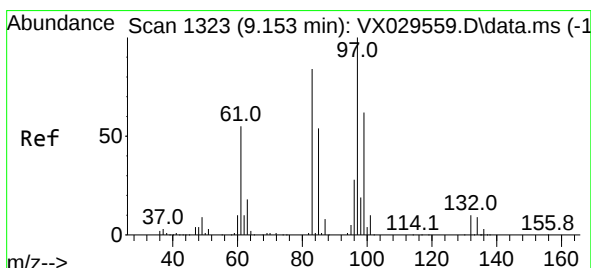
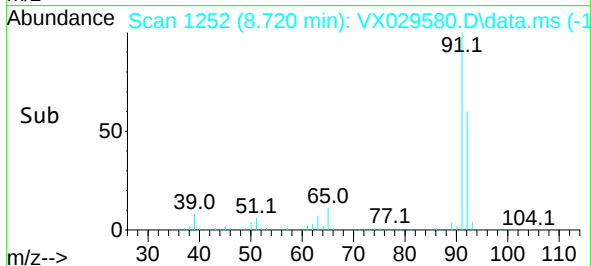
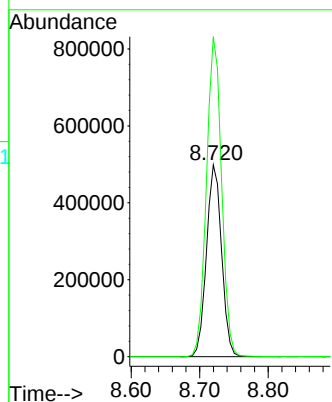
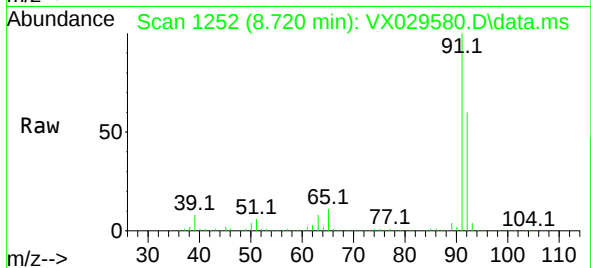




#52
Toluene
Concen: 100.040 ug/l
RT: 8.720 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

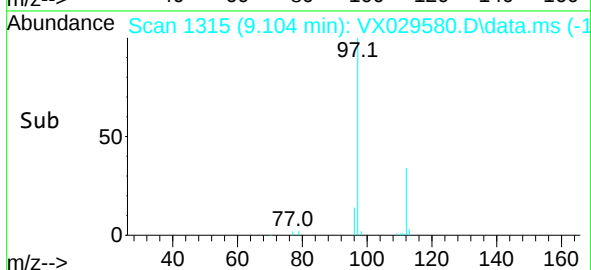
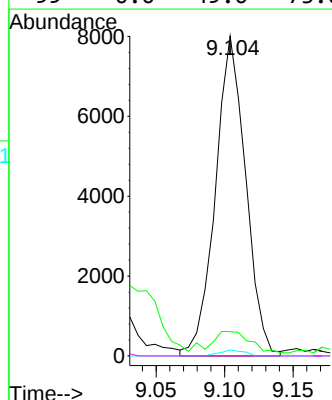
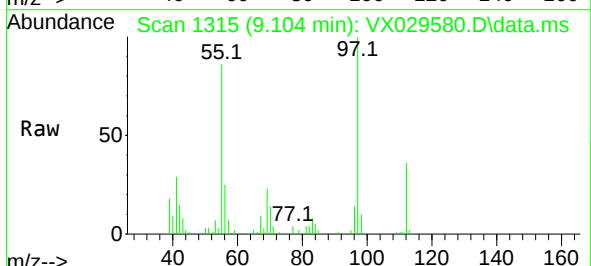
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

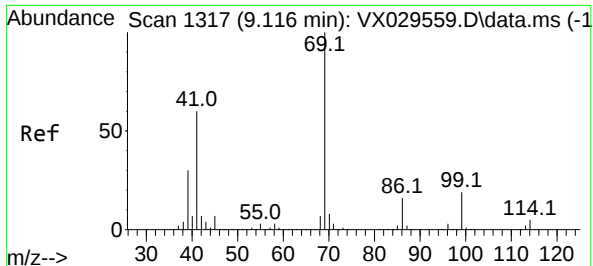
Tgt Ion: 92 Resp: 764665
Ion Ratio Lower Upper
92 100
91 166.8 137.5 206.3



#55
1,1,2-Trichloroethane
Concen: 3.981 ug/l
RT: 9.104 min Scan# 1315
Delta R.T. -0.049 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 97 Resp: 12303
Ion Ratio Lower Upper
97 100
83 6.6 66.2 99.4#
85 1.9 42.9 64.3#
99 0.0 49.0 73.6#





#56

Ethyl methacrylate

Concen: 0.718 ug/l

RT: 9.104 min Scan# 1158

Delta R.T. -0.012 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4A

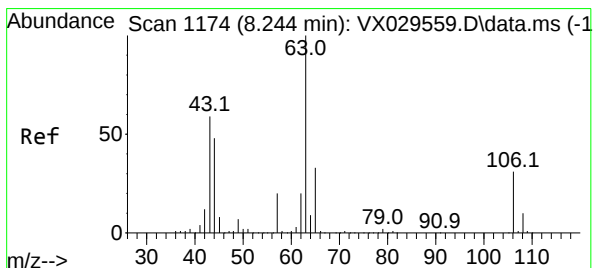
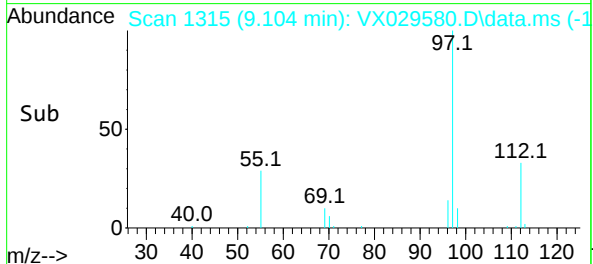
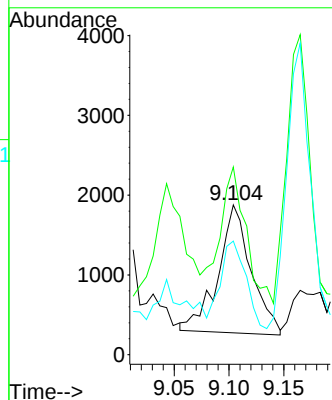
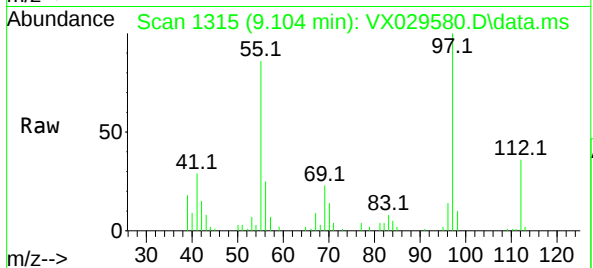
Tgt Ion: 69 Resp: 3353

Ion Ratio Lower Upper

69 100

41 60.7 43.8 65.6

39 52.6 22.2 33.2#



#58

2-Chloroethyl Vinyl ether

Concen: 2.107 ug/l

RT: 8.147 min Scan# 1158

Delta R.T. -0.097 min

Lab File: VX029580.D

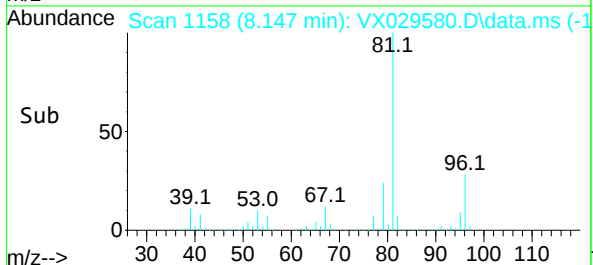
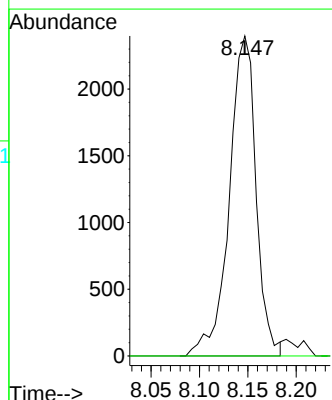
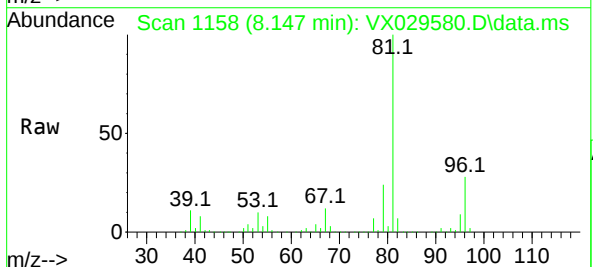
Acq: 18 Jun 2022 19:19

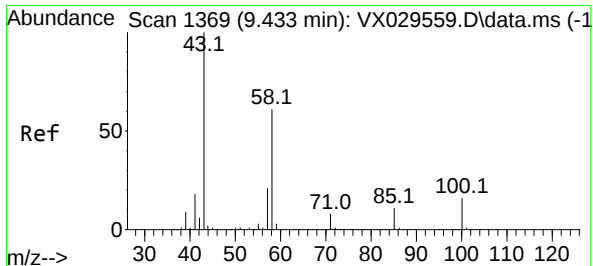
Tgt Ion: 63 Resp: 4622

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#





#59

2-Hexanone

Concen: 8.433 ug/l

RT: 9.458 min Scan# 1

Delta R.T. 0.025 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

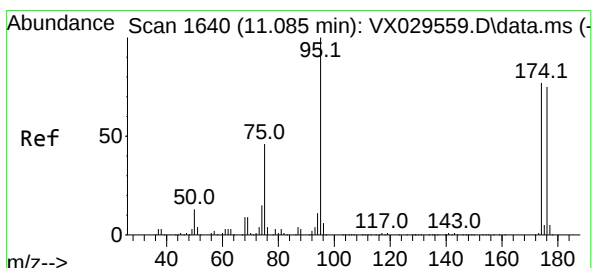
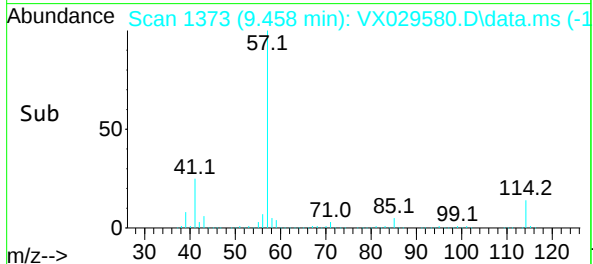
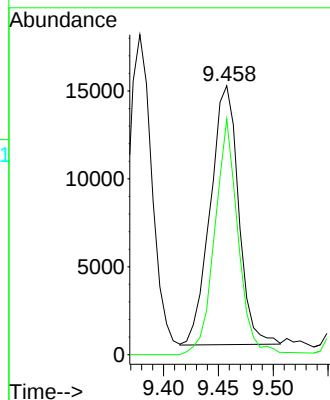
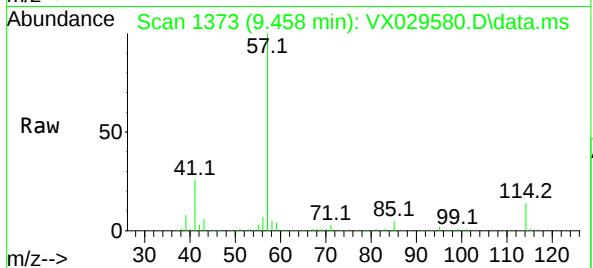
MW-4A

Tgt Ion: 43 Resp: 26419

Ion Ratio Lower Upper

43 100

58 75.5 31.9 95.7



#62

4-Bromofluorobenzene

Concen: 48.581 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

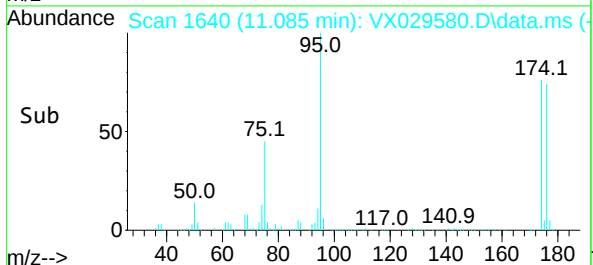
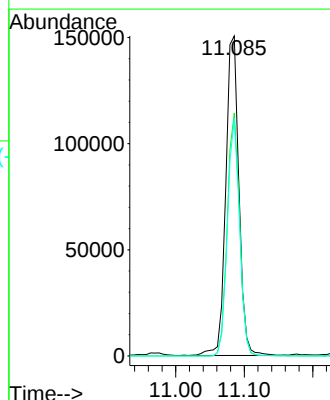
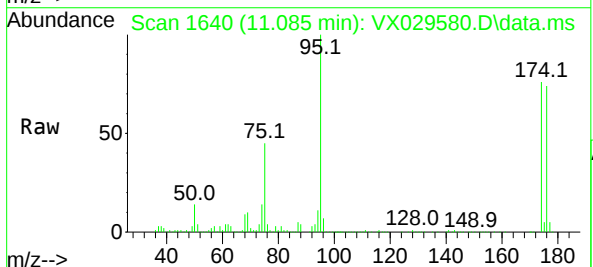
Tgt Ion: 95 Resp: 199131

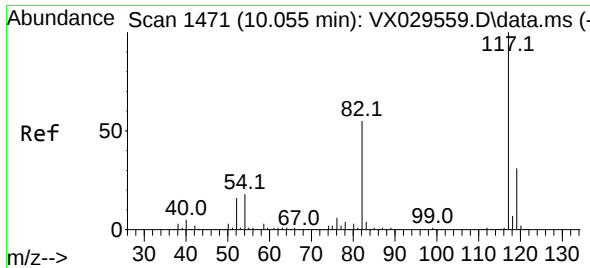
Ion Ratio Lower Upper

95 100

174 71.3 0.0 163.0

176 68.6 0.0 155.0

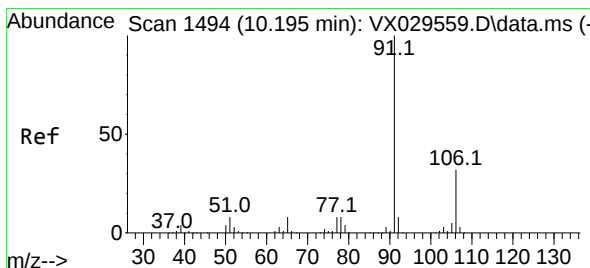
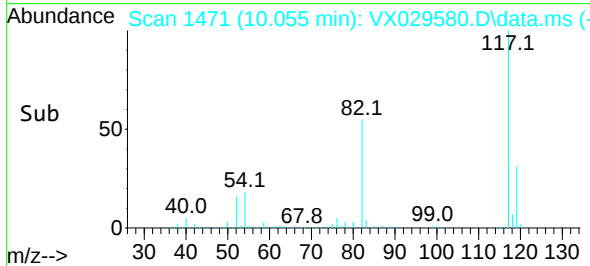
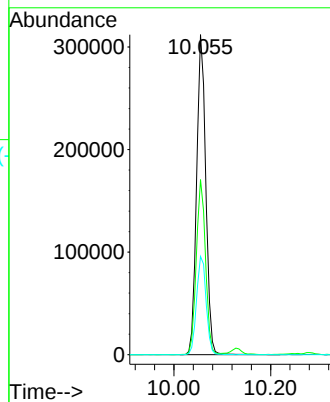
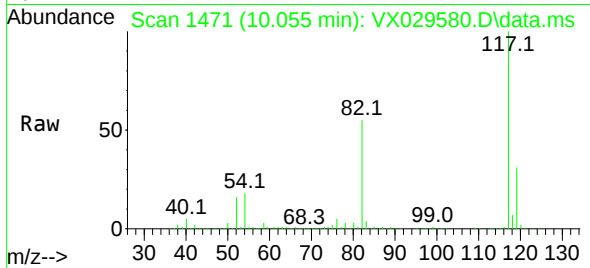




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

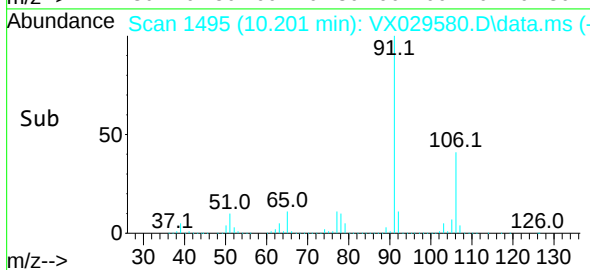
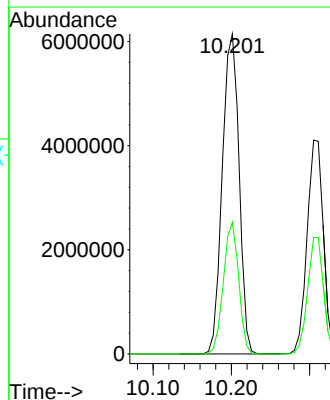
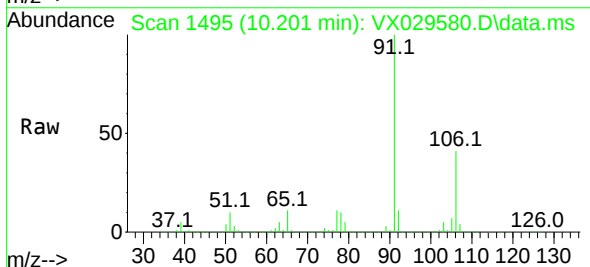
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

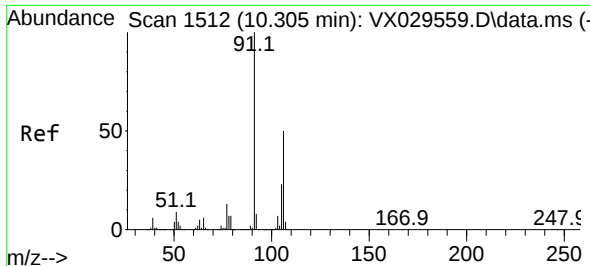
Tgt Ion:117 Resp: 409377
Ion Ratio Lower Upper
117 100
82 54.7 41.8 62.8
119 30.7 24.8 37.2



#67
Ethyl Benzene
Concen: 633.754 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 91 Resp: 9157875
Ion Ratio Lower Upper
91 100
106 41.2 24.6 36.8#

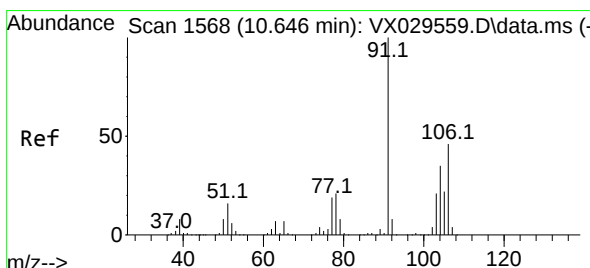
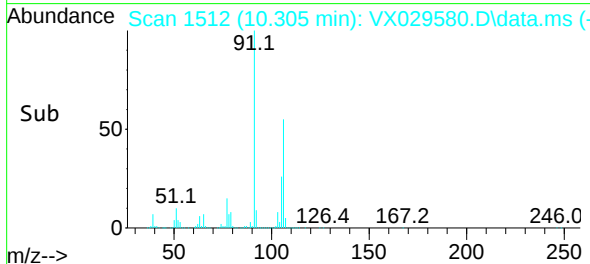
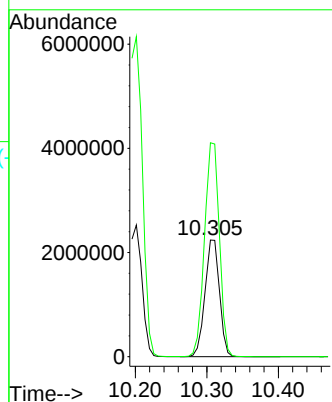
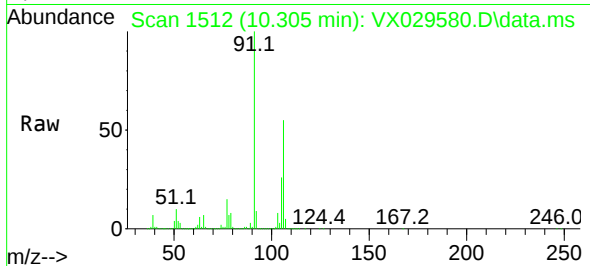




#68
m/p-Xylenes
Concen: 559.017 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

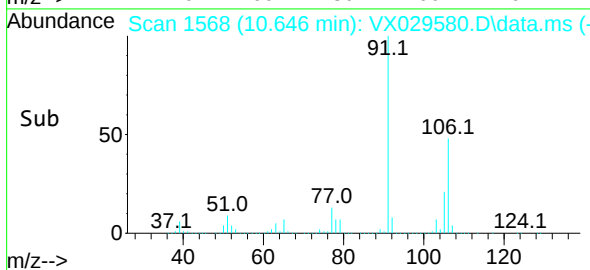
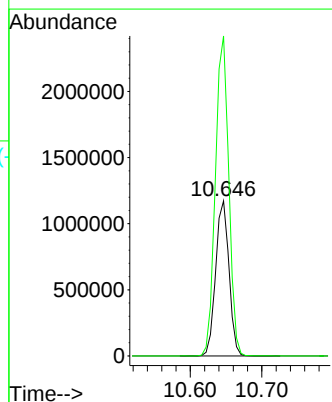
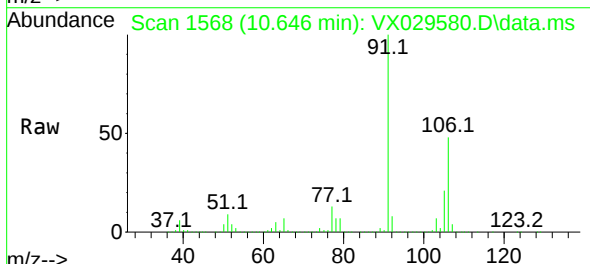
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

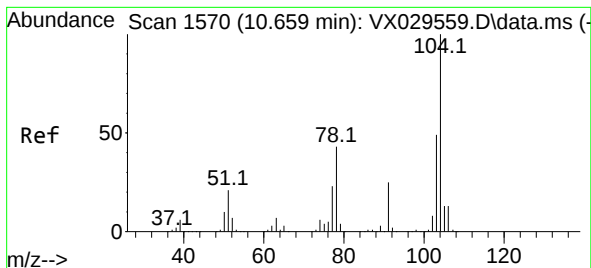
Tgt Ion:106 Resp: 3150201
Ion Ratio Lower Upper
106 100
91 188.4 160.4 240.6



#69
o-Xylene
Concen: 271.369 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion:106 Resp: 1510857
Ion Ratio Lower Upper
106 100
91 207.9 106.1 318.1





#70

Styrene

Concen: 8.100 ug/l

RT: 10.646 min Scan# 1

Delta R.T. -0.013 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4A

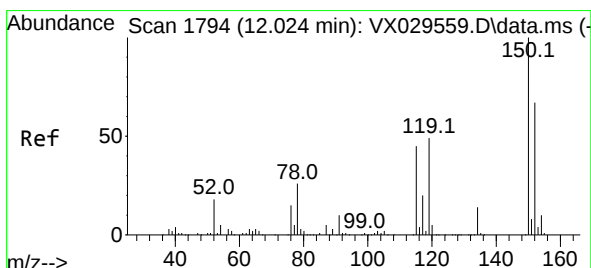
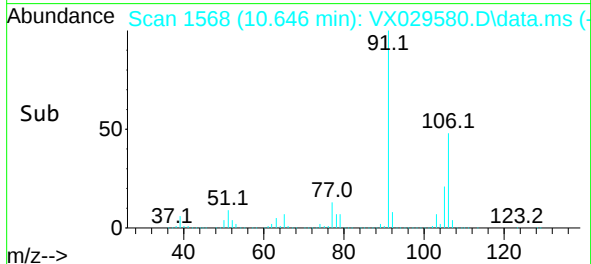
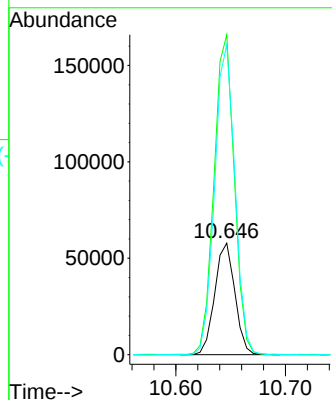
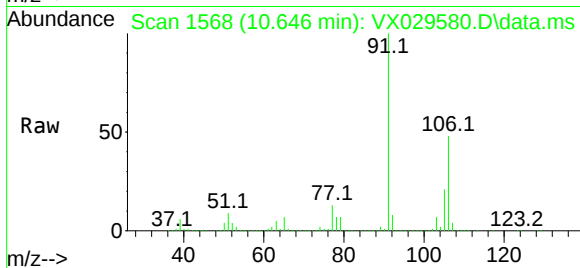
Tgt Ion:104 Resp: 73838

Ion Ratio Lower Upper

104 100

78 289.6 38.6 57.8#

103 280.4 43.8 65.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

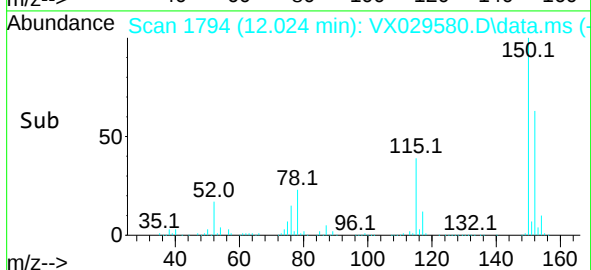
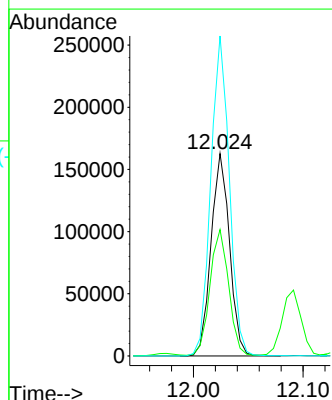
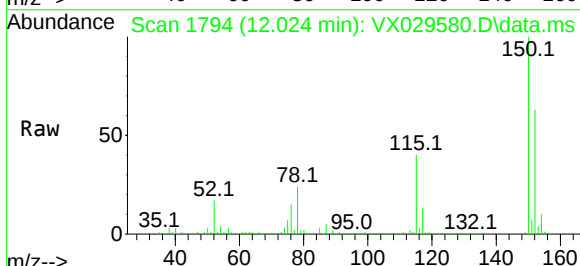
Tgt Ion:152 Resp: 190520

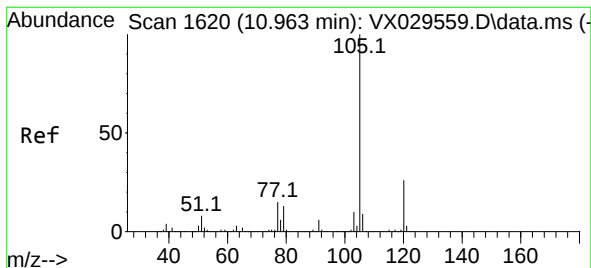
Ion Ratio Lower Upper

152 100

115 62.7 37.5 112.7

150 158.5 0.0 338.2





#73

Isopropylbenzene

Concen: 123.592 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

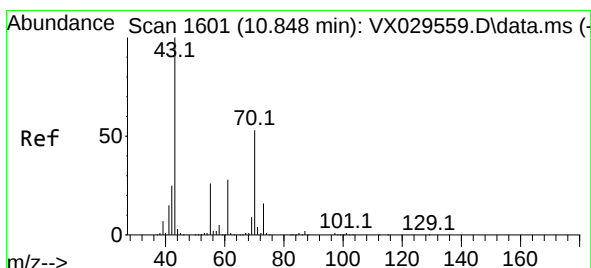
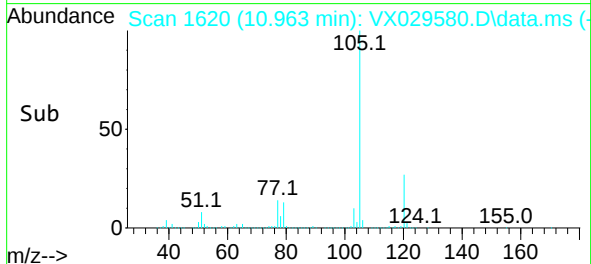
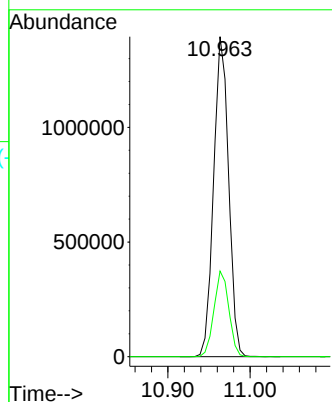
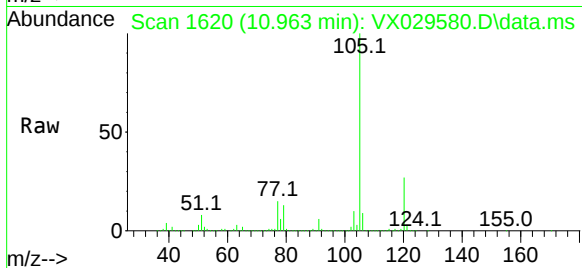
MW-4A

Tgt Ion:105 Resp: 1765510

Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5



#74

N-ethyl acetate

Concen: 0.392 ug/l

RT: 10.848 min Scan# 1601

Delta R.T. -0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Tgt Ion: 43 Resp: 1943

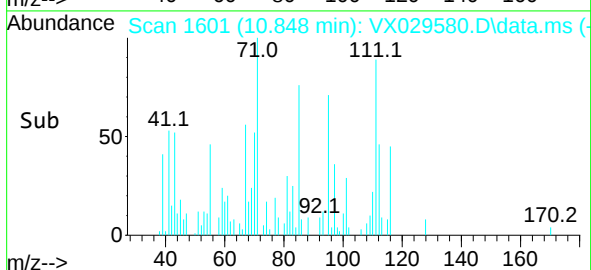
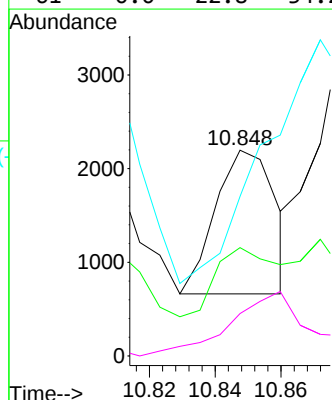
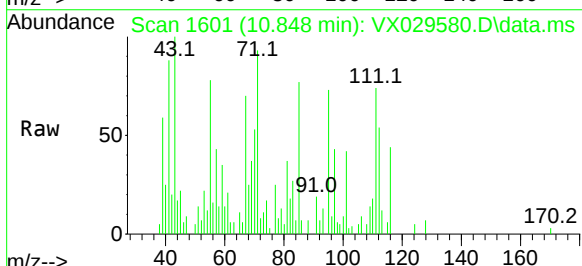
Ion Ratio Lower Upper

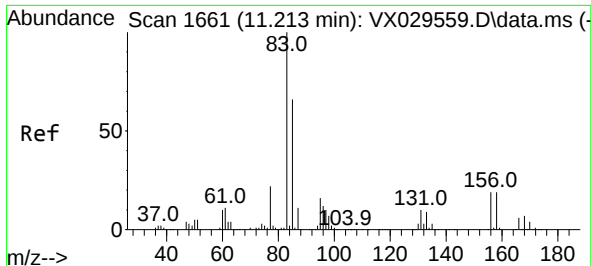
43 100

70 48.4 42.5 63.7

55 0.0 23.1 34.7#

61 0.0 22.8 34.2#

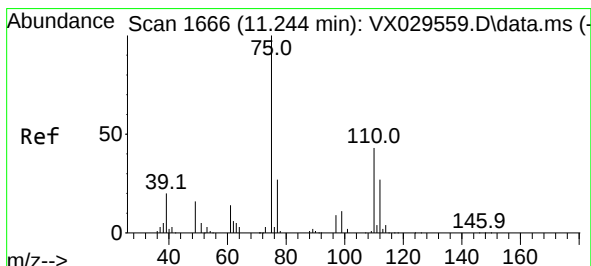
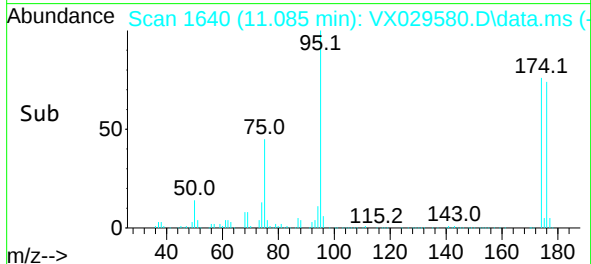
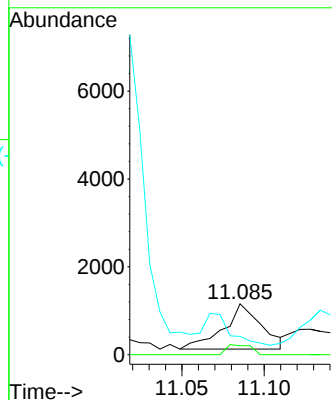
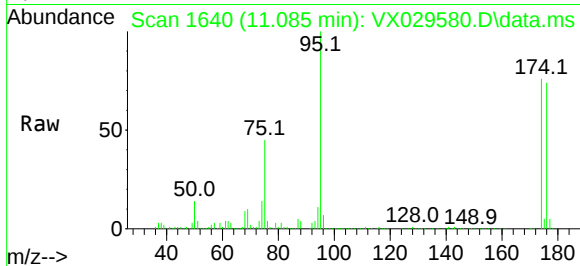




#75
1,1,2,2-Tetrachloroethane
Concen: 0.357 ug/l
RT: 11.085 min Scan# 1650
Delta R.T. -0.128 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

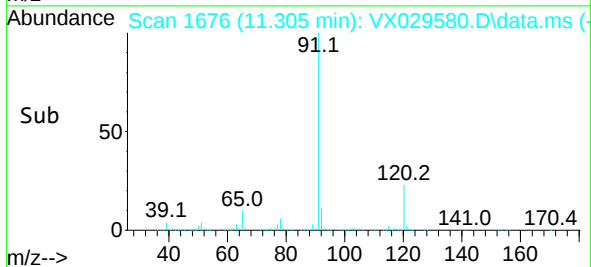
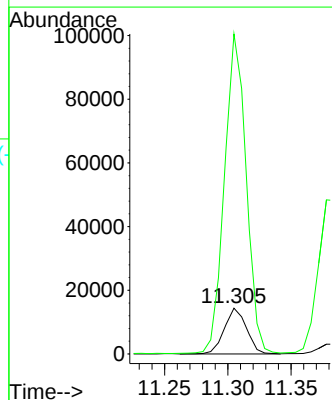
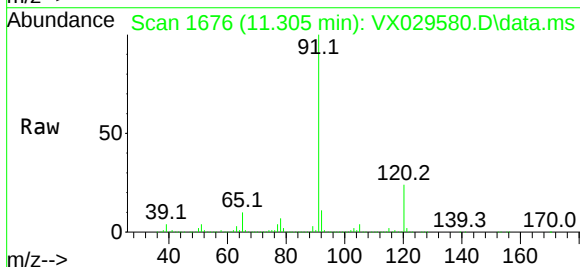
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

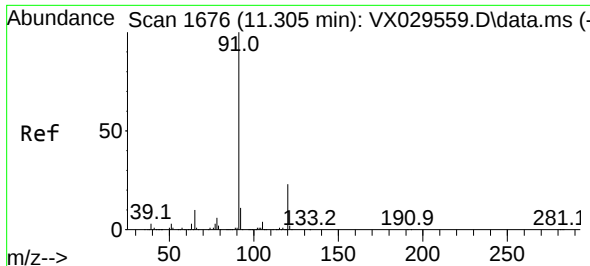
Tgt Ion: 83 Resp: 1650
Ion Ratio Lower Upper
83 100
131 14.1 5.1 15.3
85 50.4 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 4.220 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.061 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 75 Resp: 17514
Ion Ratio Lower Upper
75 100
77 686.8 19.4 58.2#

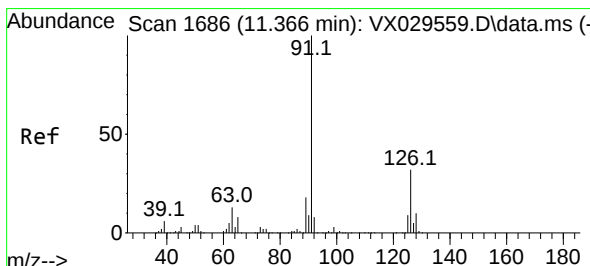
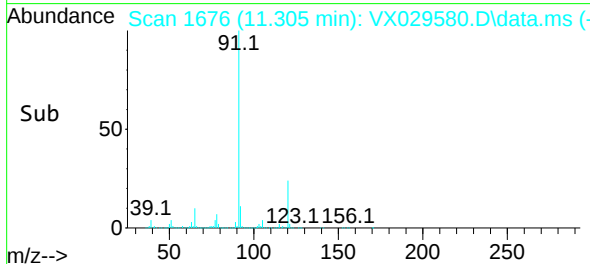
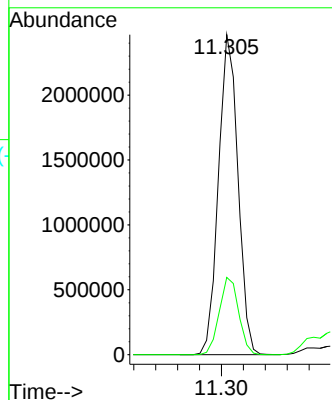
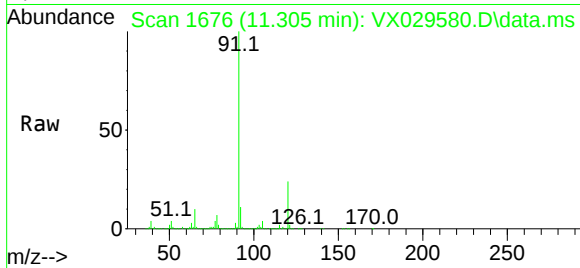




#78
n-propylbenzene
Concen: 189.399 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

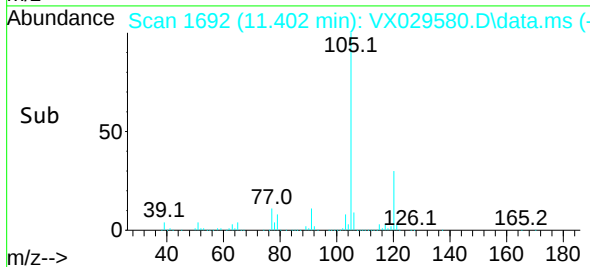
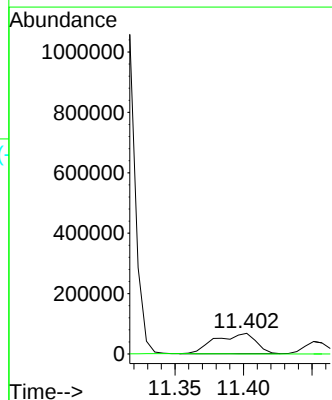
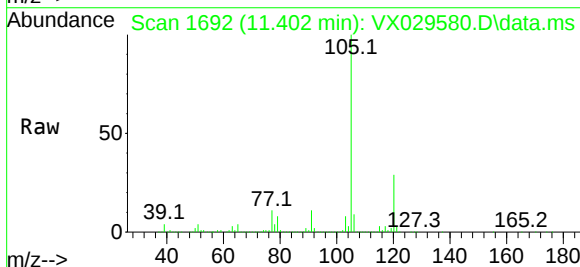
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

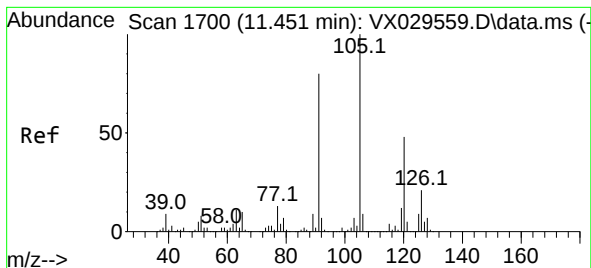
Tgt Ion: 91 Resp: 3047192
Ion Ratio Lower Upper
91 100
120 24.1 11.6 34.8



#79
2-Chlorotoluene
Concen: 13.994 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.036 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 91 Resp: 139406
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#





#80

1,3,5-Trimethylbenzene

Concen: 40.305 ug/l

RT: 11.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

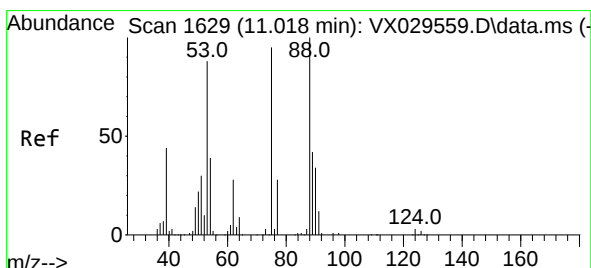
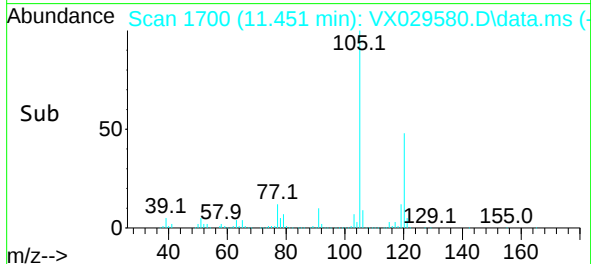
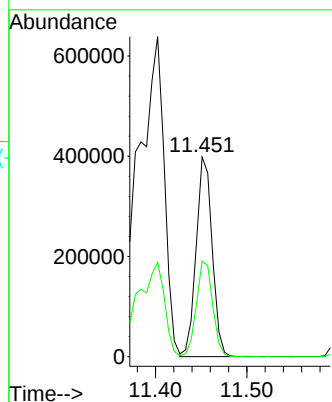
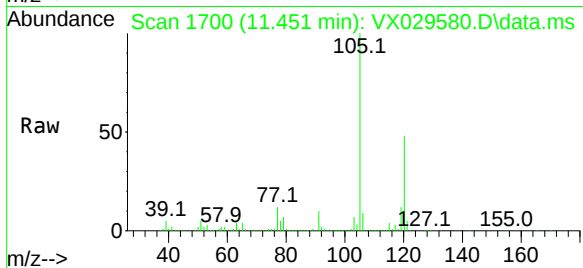
MW-4A

Tgt Ion:105 Resp: 484881

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.9



#81

trans-1,4-Dichloro-2-butene

Concen: 15.130 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.055 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

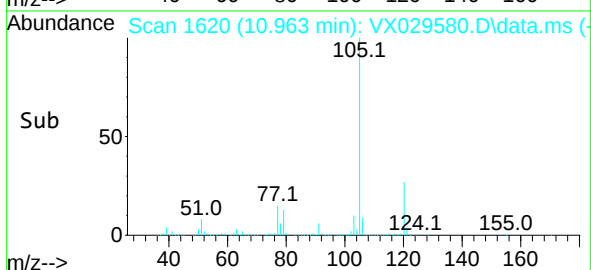
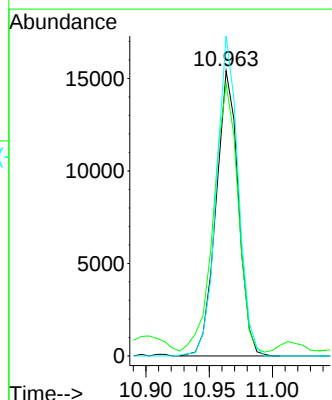
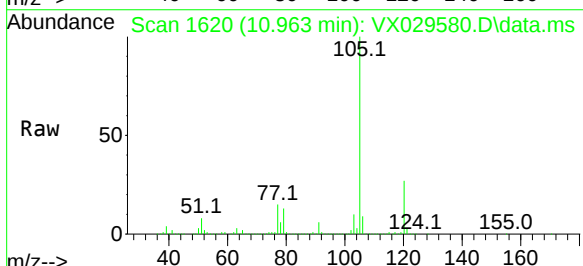
Tgt Ion: 75 Resp: 18876

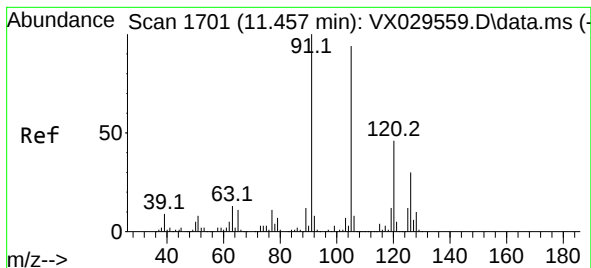
Ion Ratio Lower Upper

75 100

53 102.3 69.0 103.4

89 109.5 37.0 55.6#

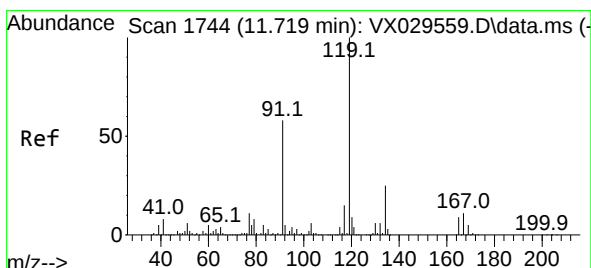
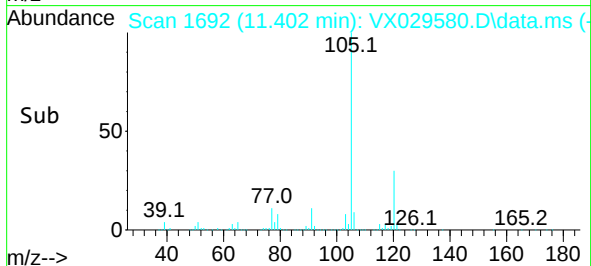
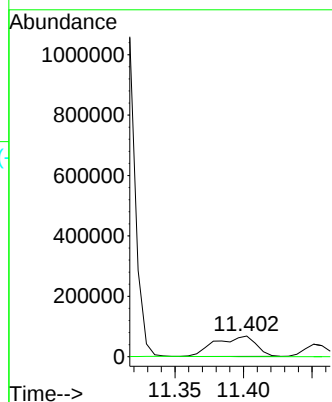
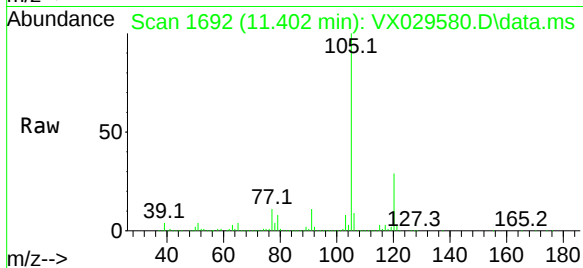




#82
4-Chlorotoluene
Concen: 12.271 ug/l
RT: 11.402 min Scan# 1
Delta R.T. -0.055 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

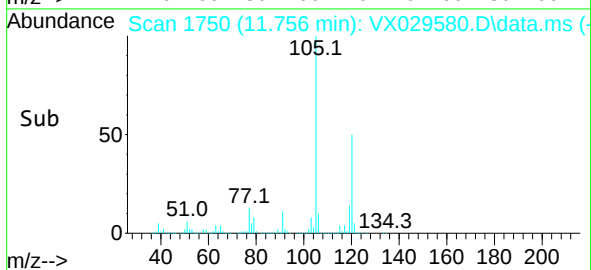
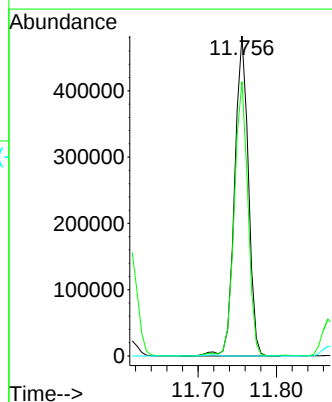
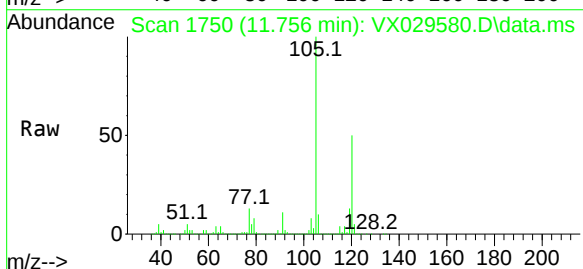
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

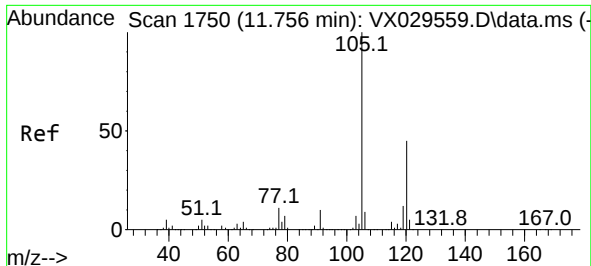
Tgt Ion: 91 Resp: 139406
Ion Ratio Lower Upper
91 100
126 0.0 14.9 44.5#



#83
tert-Butylbenzene
Concen: 49.919 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 119 Resp: 585549
Ion Ratio Lower Upper
119 100
91 85.1 26.9 80.6#
134 0.0 11.4 34.2#

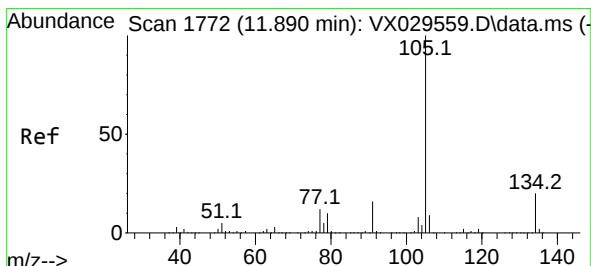
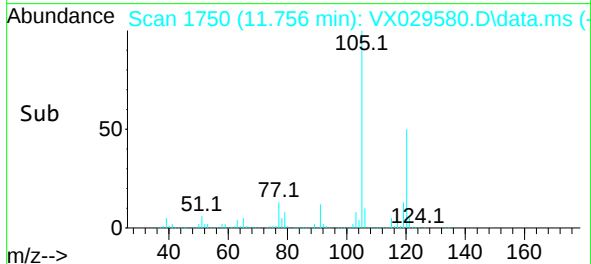
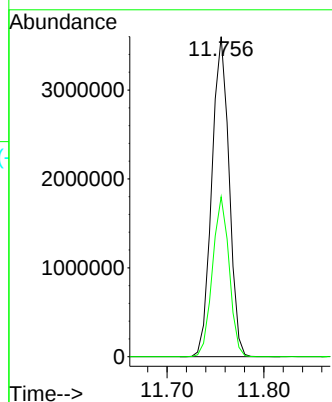
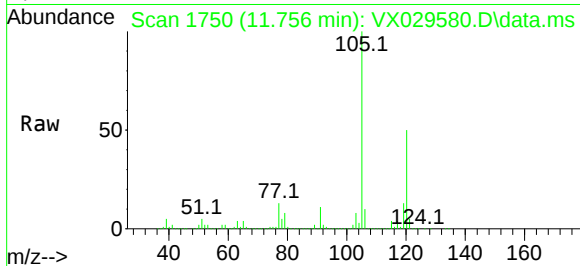




#84
1,2,4-Trimethylbenzene
Concen: 371.894 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

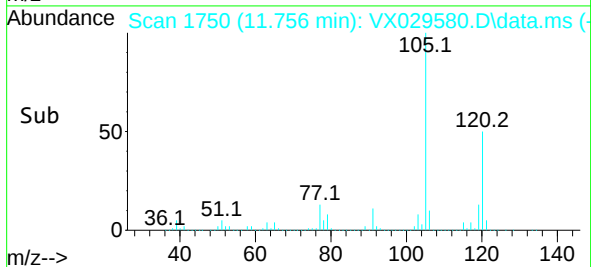
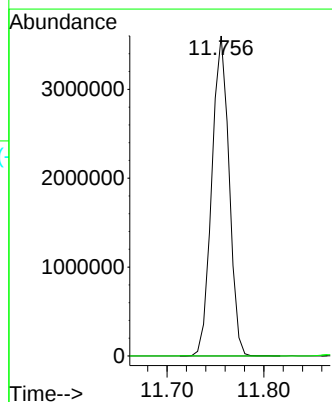
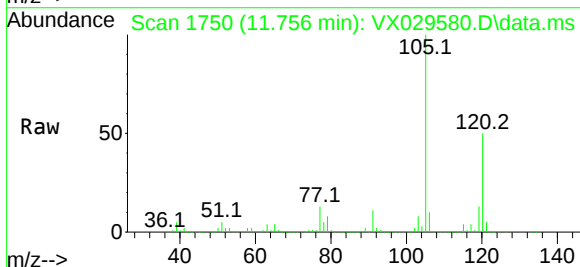
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

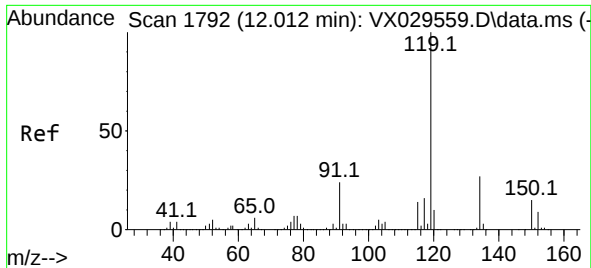
Tgt Ion:105 Resp: 4462126
Ion Ratio Lower Upper
105 100
120 48.3 22.6 67.8



#85
sec-Butylbenzene
Concen: 306.943 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion:105 Resp: 4462126
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#

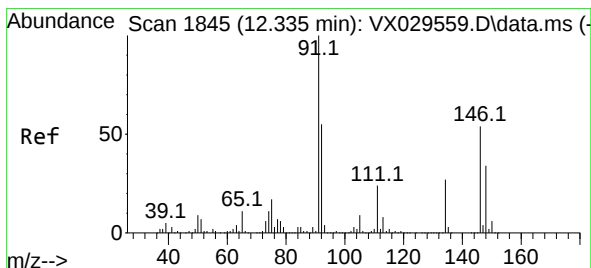
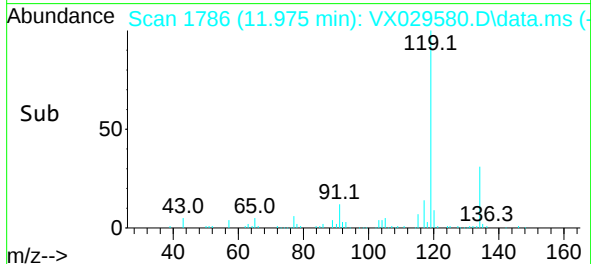
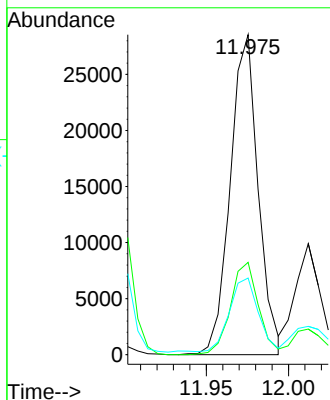
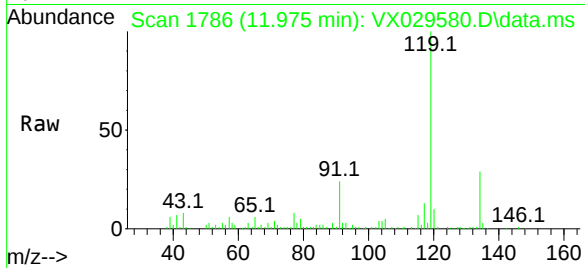




#86
p-Isopropyltoluene
Concen: 2.776 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. -0.037 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

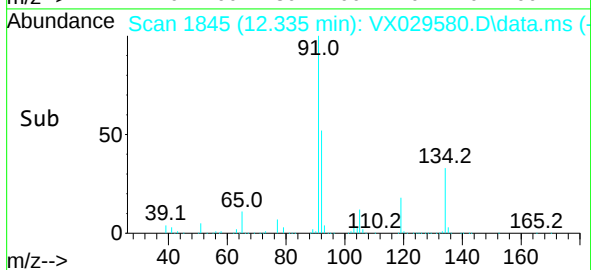
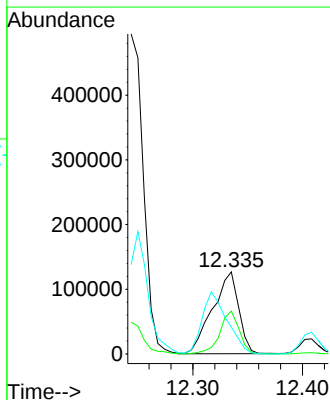
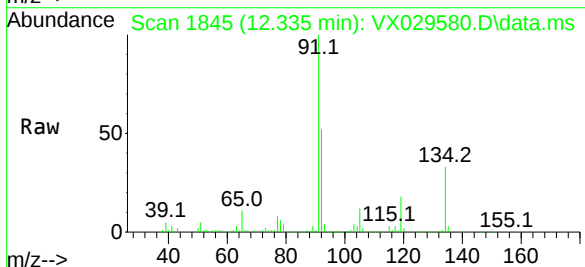
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

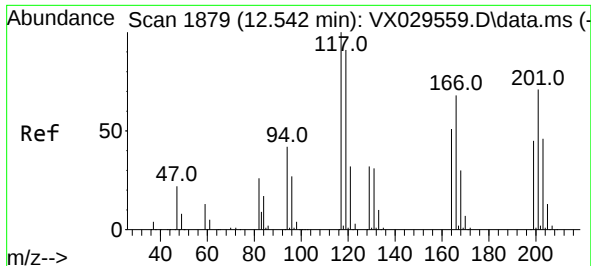
Tgt Ion:119 Resp: 33785
Ion Ratio Lower Upper
119 100
134 28.9 13.0 39.0
91 0.0 11.3 33.9#



#89
n-Butylbenzene
Concen: 20.477 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 91 Resp: 210362
Ion Ratio Lower Upper
91 100
92 39.0 27.8 83.3
134 72.4 13.3 39.8#

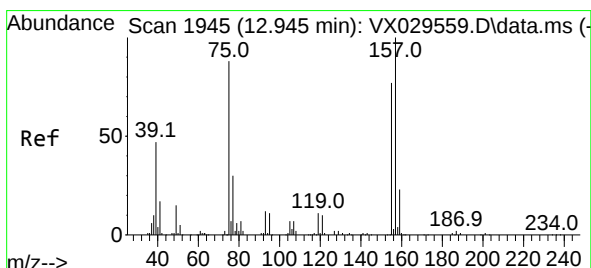
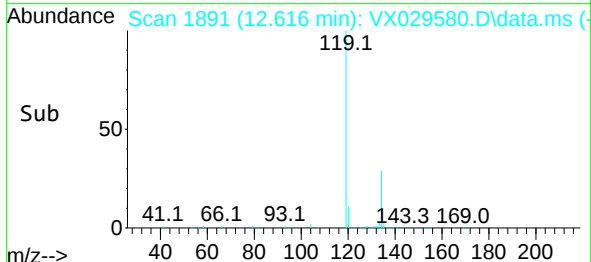
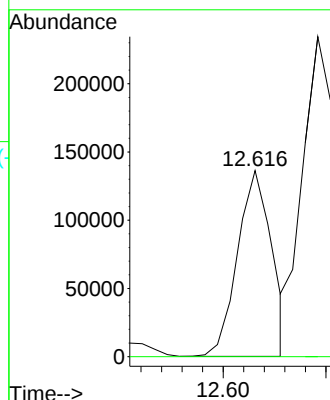
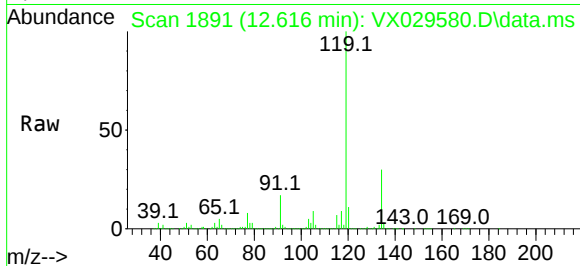




#90
Hexachloroethane
Concen: 90.353 ug/l
RT: 12.616 min Scan# 1879
Delta R.T. 0.074 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

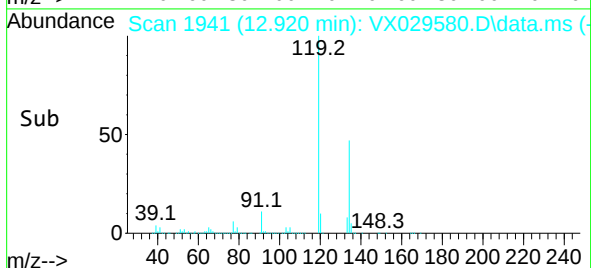
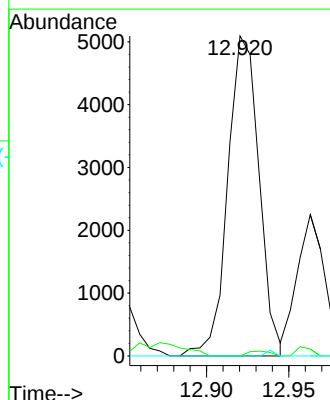
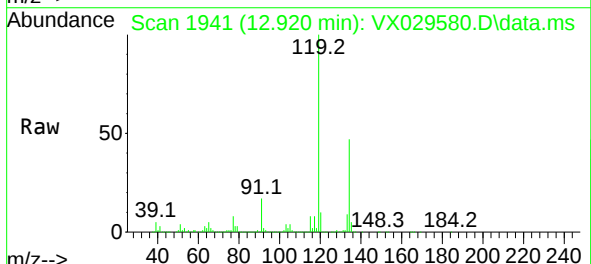
Instrument :
MSVOA_X
ClientSampleId :
MW-4A

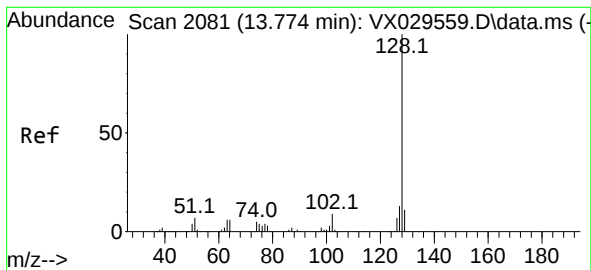
Tgt Ion:117 Resp: 157482
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.571 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.025 min
Lab File: VX029580.D
Acq: 18 Jun 2022 19:19

Tgt Ion: 75 Resp: 6724
Ion Ratio Lower Upper
75 100
155 1.1 47.0 141.2#
157 0.5 57.9 173.6#





#95

Naphthalene

Concen: 236.952 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX029580.D

Acq: 18 Jun 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

MW-4A

Tgt Ion:128 Resp: 3166618

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.6 8.7 13.1

