

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101122\
 Data File : VX032062.D
 Acq On : 12 Oct 2022 05:28
 Operator : JC/MD
 Sample : N5067-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 B2(19-20)

Quant Time: Oct 12 06:23:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 14:28:46 2022
 Response via : Initial Calibration

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

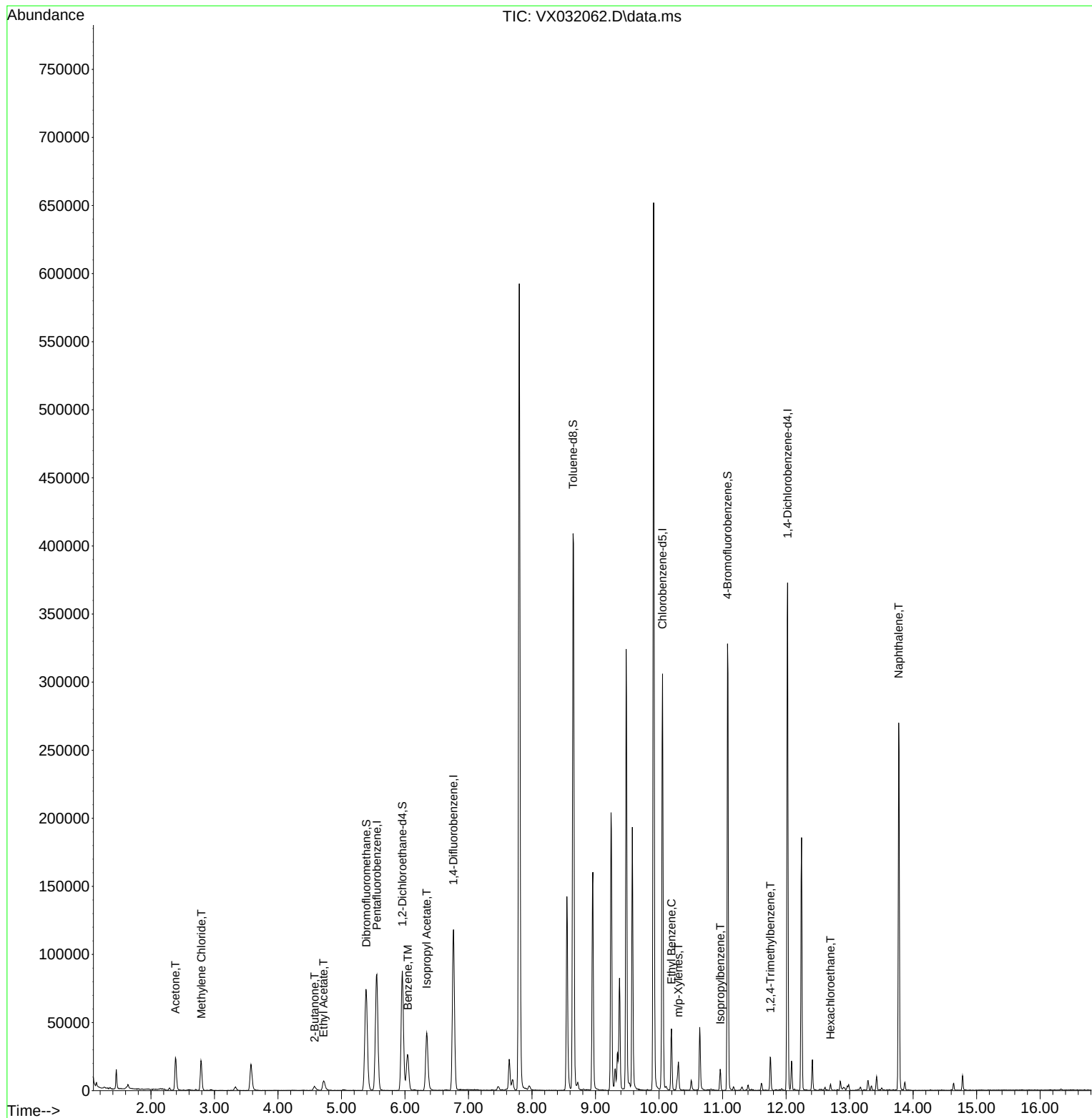
Internal Standards						
1) Pentafluorobenzene	5.556	168	77975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	118052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	128365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82523	51.245	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.500%	
35) Dibromofluoromethane	5.391	113	62917	47.084	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 94.160%	
50) Toluene-d8	8.647	98	242005	50.330	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.660%	
62) 4-Bromofluorobenzene	11.079	95	80771	47.515	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.040%	
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	28408	51.906	ug/l	99
20) Methylene Chloride	2.794	84	9656	6.714	ug/l	88
25) 2-Butanone	4.574	43	5374	6.281	ug/l	95
37) Ethyl Acetate	4.715	43	11888	7.126	ug/l	98
40) Benzene	6.044	78	31717	6.113	ug/l	98
43) Isopropyl Acetate	6.342	43	56790	22.437	ug/l	99
67) Ethyl Benzene	10.195	91	25391	3.859	ug/l	97
68) m/p-Xylenes	10.305	106	4344	1.661	ug/l	94
73) Isopropylbenzene	10.963	105	7683	1.395	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	10928	2.355	ug/l	98
90) Hexachloroethane	12.701	117	2008	3.918	ug/l #	15
95) Naphthalene	13.774	128	165016	30.893	ug/l	99

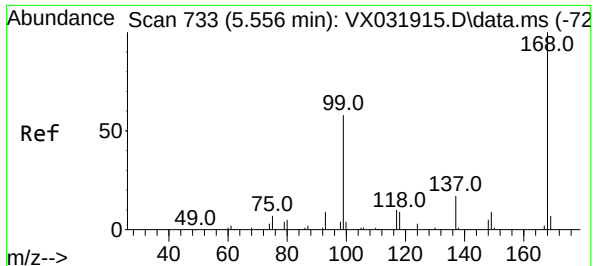
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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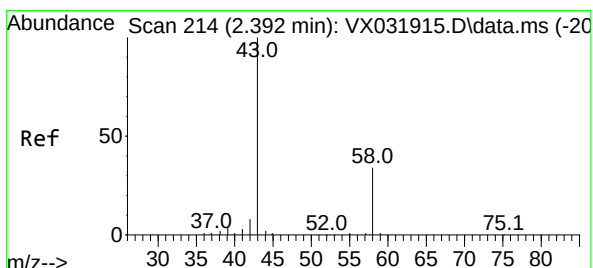
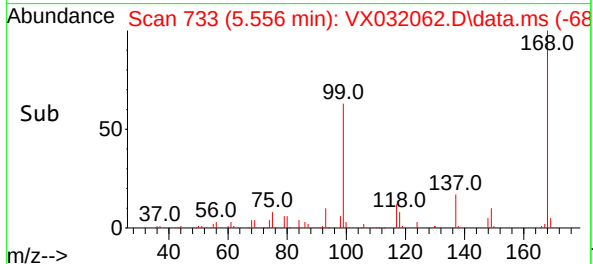
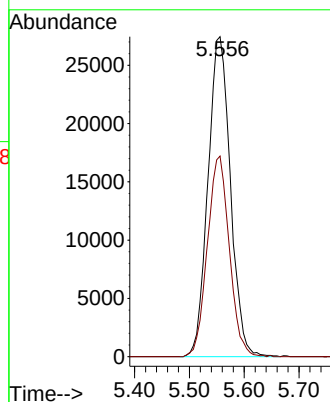
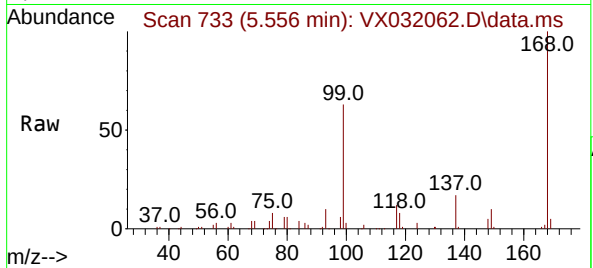




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

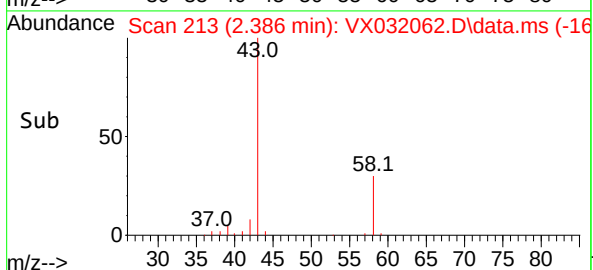
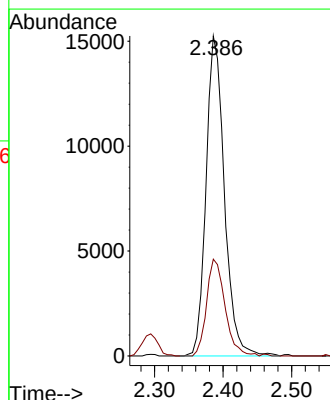
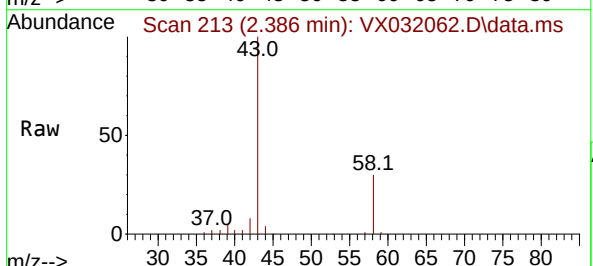
Instrument :
MSVOA_X
ClientSampleId :
B2(19-20)

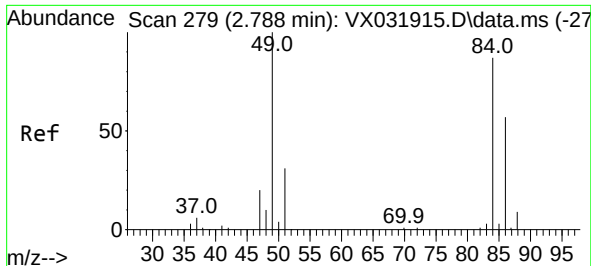
Tgt Ion:168 Resp: 77975
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#16
Acetone
Concen: 51.906 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion: 43 Resp: 28408
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8

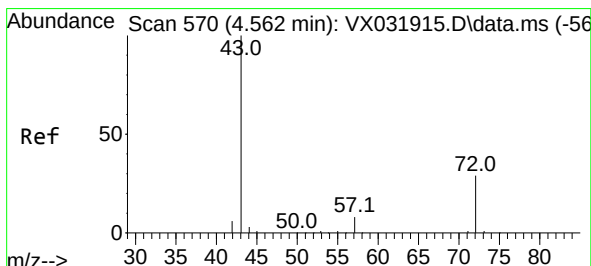
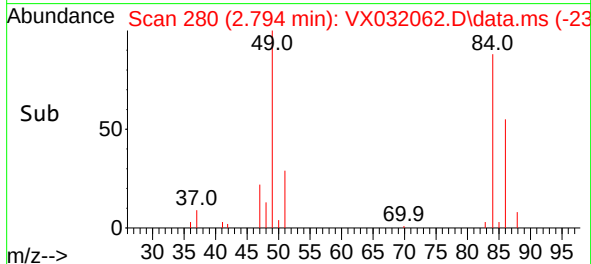
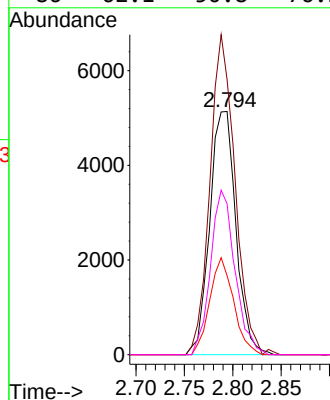
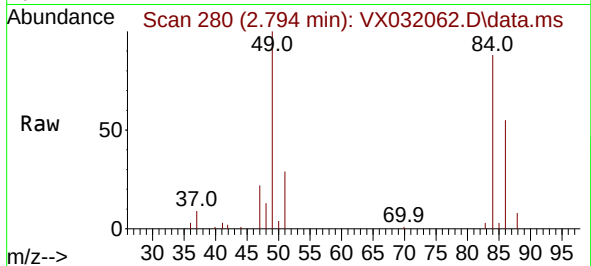




#20
Methylene Chloride
Concen: 6.714 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

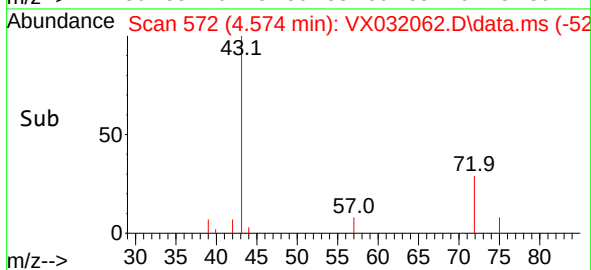
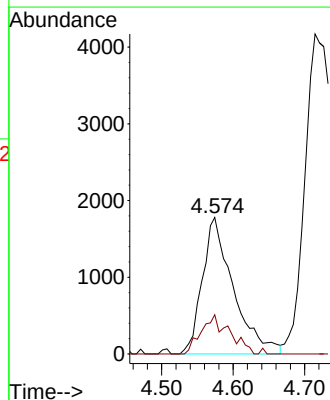
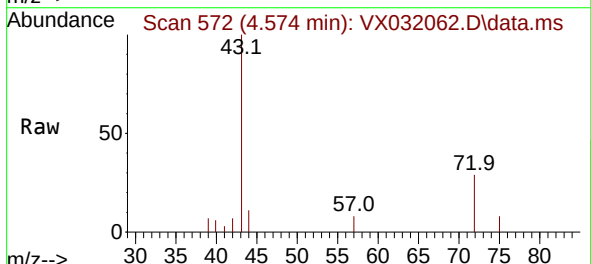
Instrument :
MSVOA_X
ClientSampleId :
B2(19-20)

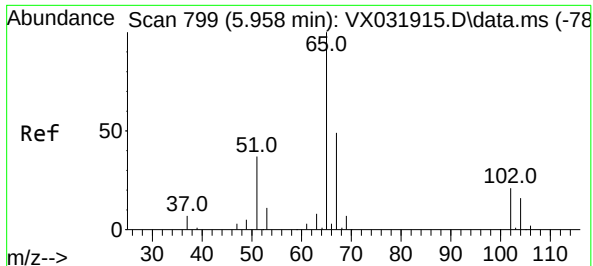
Tgt Ion:	84	Resp:	9656
Ion	Ratio	Lower	Upper
84	100		
49	113.1	105.9	158.9
51	32.5	32.2	48.2
86	62.1	50.8	76.2



#25
2-Butanone
Concen: 6.281 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion:	43	Resp:	5374
Ion	Ratio	Lower	Upper
43	100		
72	28.7	21.1	31.7





#33

1,2-Dichloroethane-d4

Concen: 51.245 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032062.D

Acq: 12 Oct 2022 05:28

Instrument :

MSVOA_X

ClientSampleId :

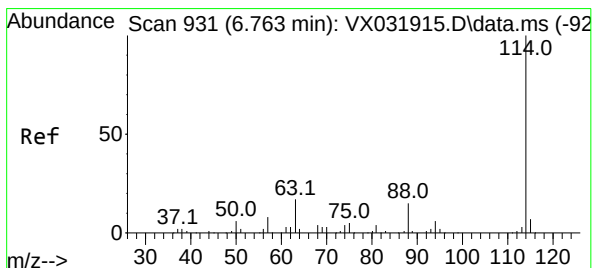
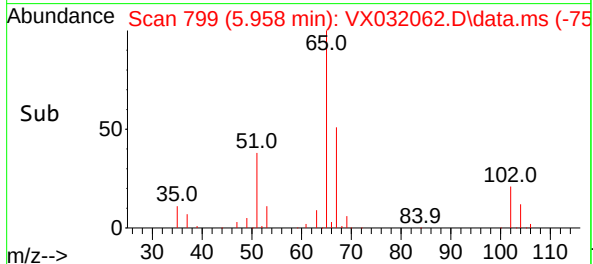
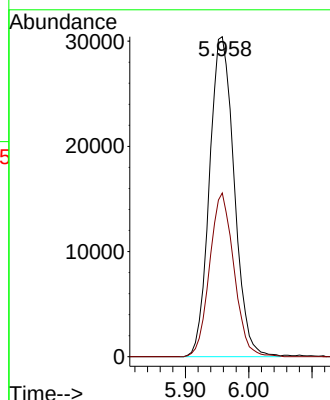
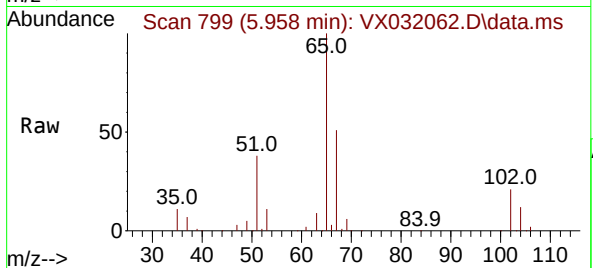
B2(19-20)

Tgt Ion: 65 Resp: 82523

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032062.D

Acq: 12 Oct 2022 05:28

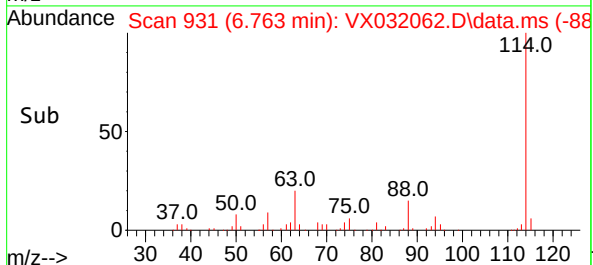
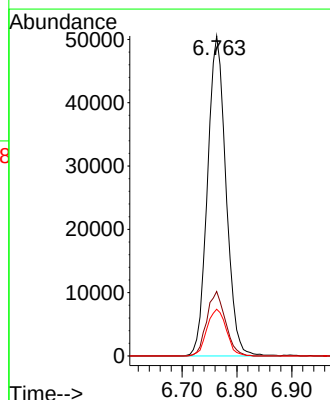
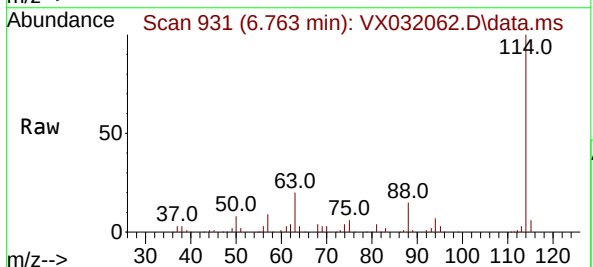
Tgt Ion: 114 Resp: 118052

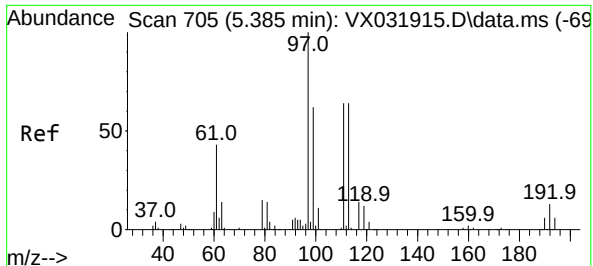
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 14.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 47.084 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX032062.D

Acq: 12 Oct 2022 05:28

Instrument :

MSVOA_X

ClientSampleId :

B2(19-20)

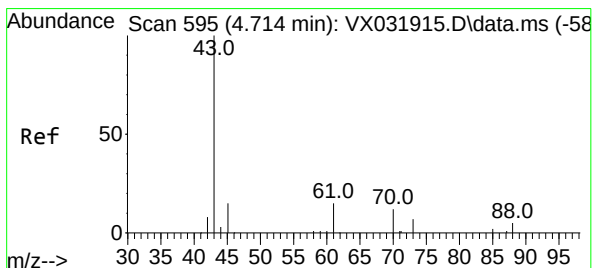
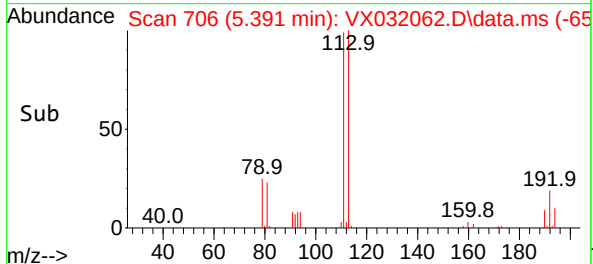
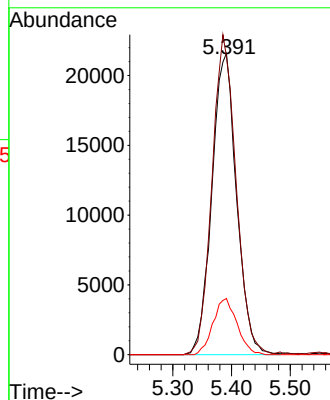
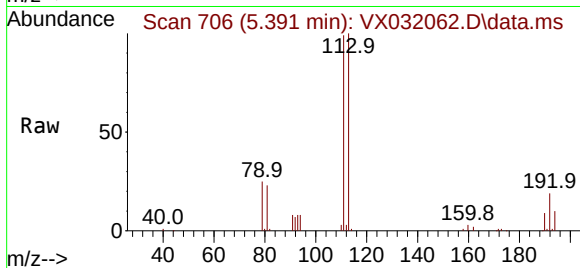
Tgt Ion:113 Resp: 62917

Ion Ratio Lower Upper

113 100

111 103.3 82.4 123.6

192 18.1 14.1 21.1



#37

Ethyl Acetate

Concen: 7.126 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.001 min

Lab File: VX032062.D

Acq: 12 Oct 2022 05:28

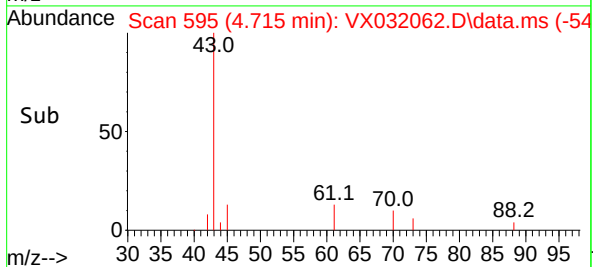
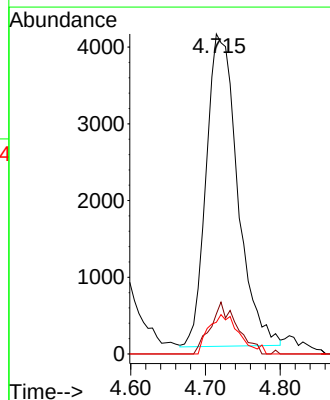
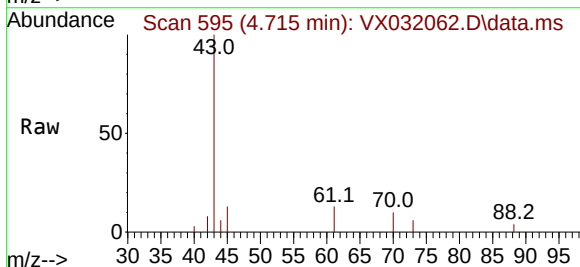
Tgt Ion: 43 Resp: 11888

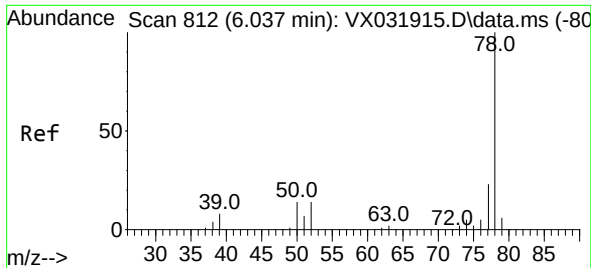
Ion Ratio Lower Upper

43 100

61 14.1 11.1 16.7

70 12.3 8.6 13.0





#40

Benzene

Concen: 6.113 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX032062.D

Acq: 12 Oct 2022 05:28

Instrument :

MSVOA_X

ClientSampleId :

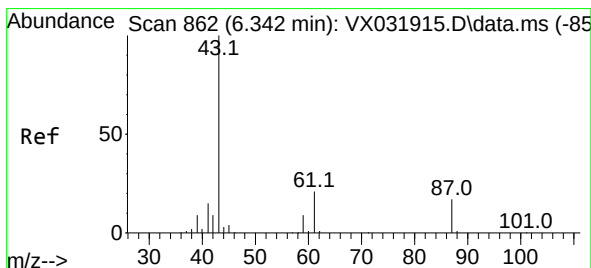
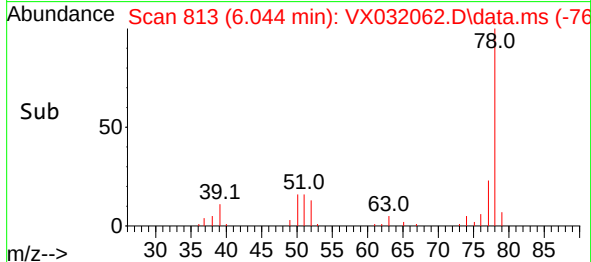
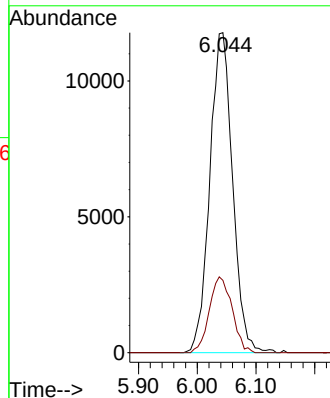
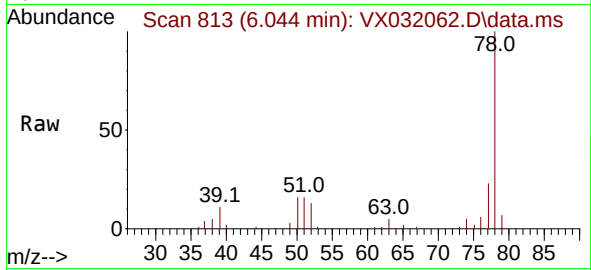
B2(19-20)

Tgt Ion: 78 Resp: 31717

Ion Ratio Lower Upper

78 100

77 22.6 18.7 28.1



#43

Isopropyl Acetate

Concen: 22.437 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX032062.D

Acq: 12 Oct 2022 05:28

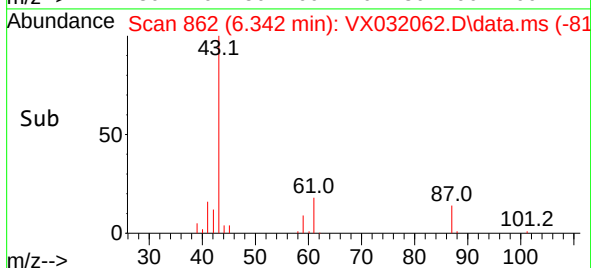
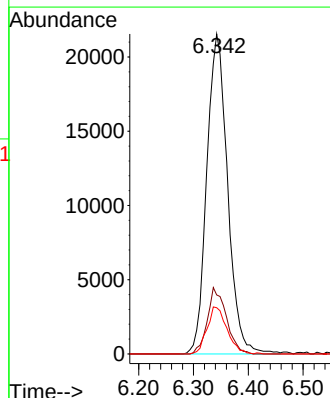
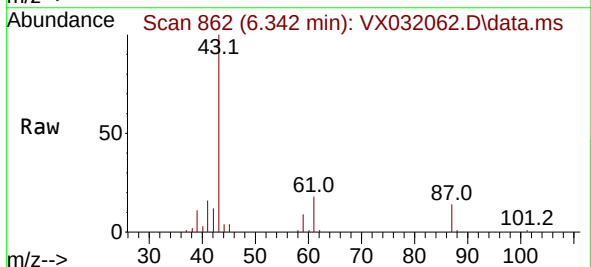
Tgt Ion: 43 Resp: 56790

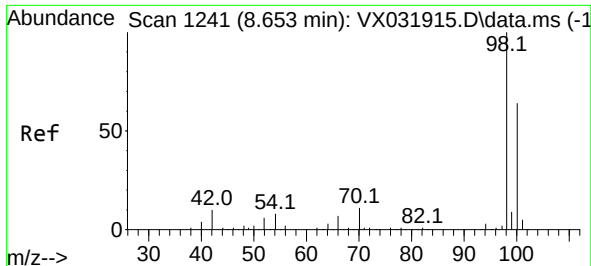
Ion Ratio Lower Upper

43 100

61 18.9 15.3 22.9

87 14.1 10.6 15.8

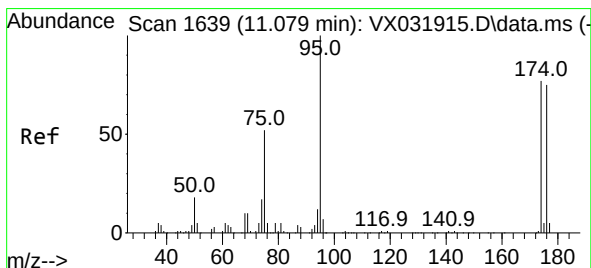
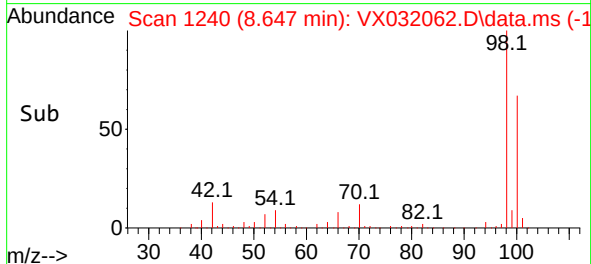
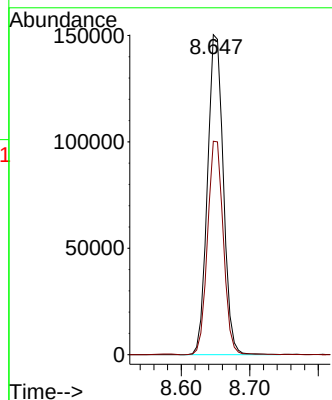
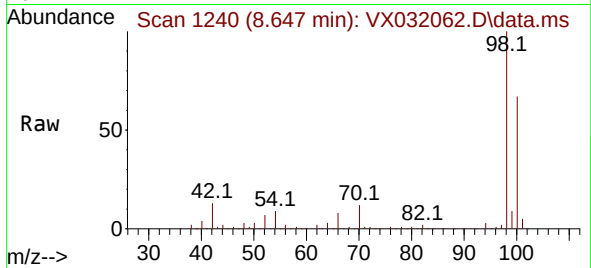




#50
Toluene-d8
Concen: 50.330 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

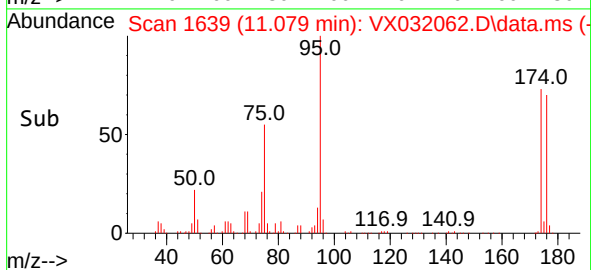
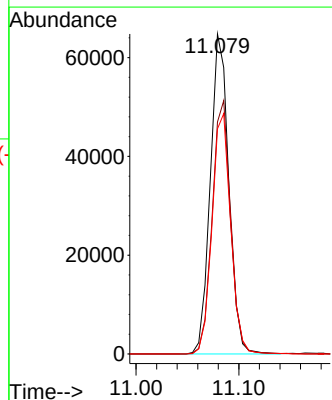
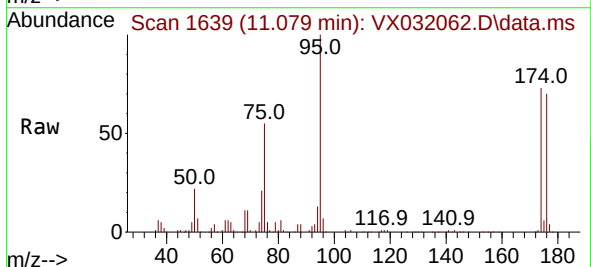
Instrument :
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B2(19-20)

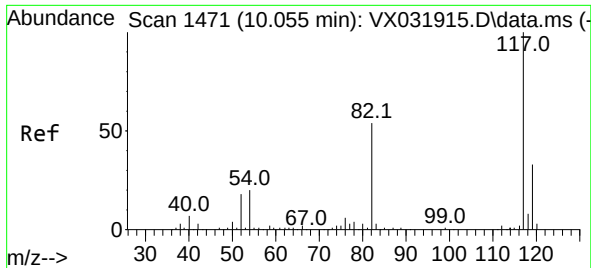
Tgt Ion: 98 Resp: 242005
Ion Ratio Lower Upper
98 100
100 66.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.515 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion: 95 Resp: 80771
Ion Ratio Lower Upper
95 100
174 79.5 0.0 153.2
176 75.9 0.0 144.0

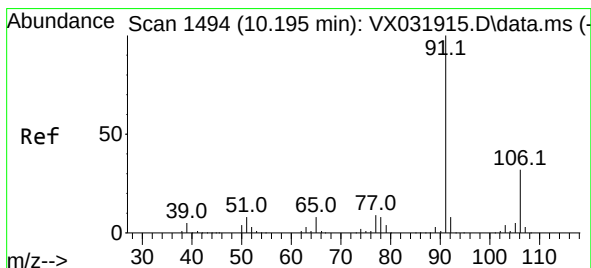
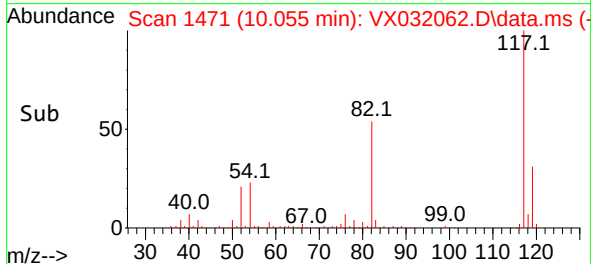
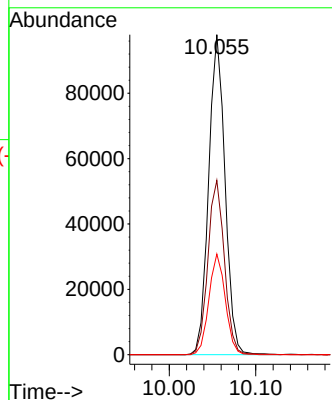
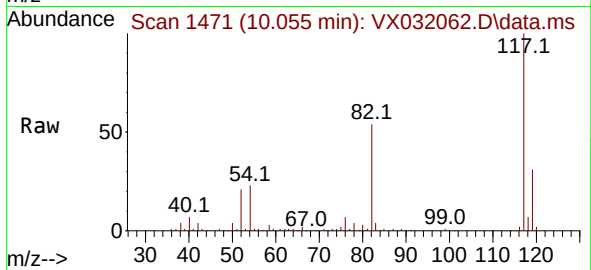




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

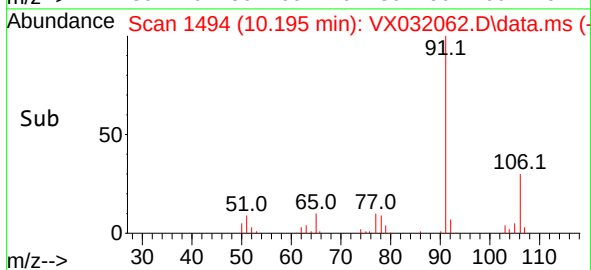
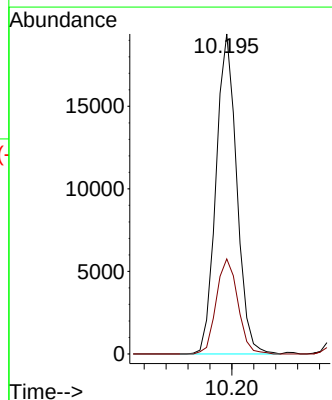
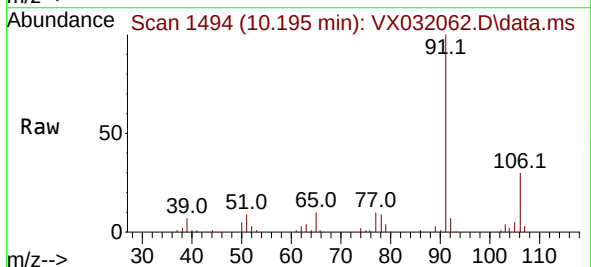
Instrument :
MSVOA_X
ClientSampleId :
B2(19-20)

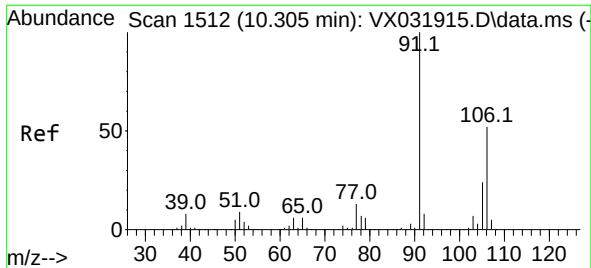
Tgt Ion:117 Resp: 128365
Ion Ratio Lower Upper
117 100
82 54.5 46.8 70.2
119 31.4 26.4 39.6



#67
Ethyl Benzene
Concen: 3.859 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion: 91 Resp: 25391
Ion Ratio Lower Upper
91 100
106 29.7 25.2 37.8

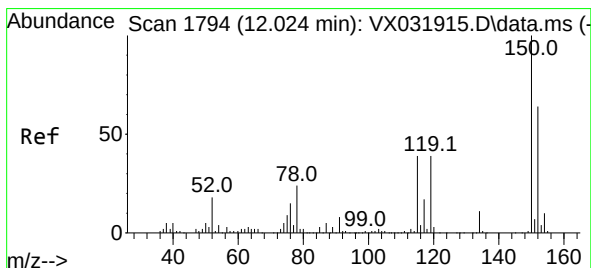
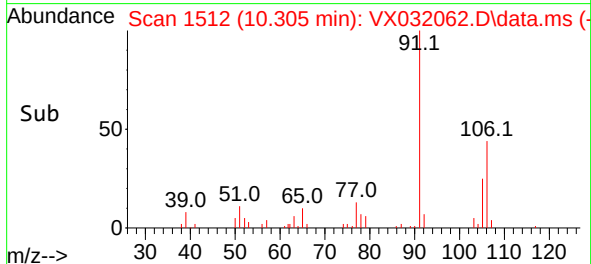
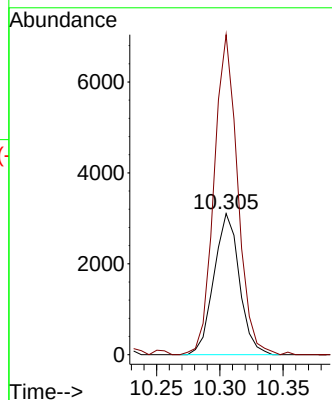
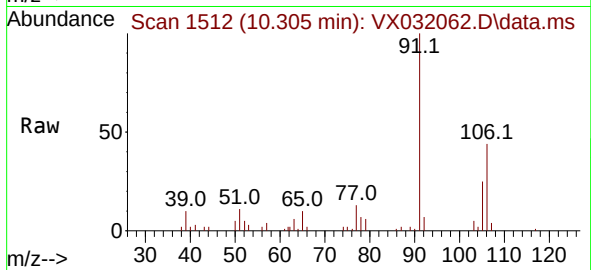




#68
m/p-Xylenes
Concen: 1.661 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

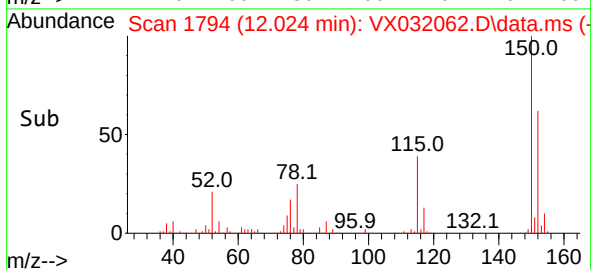
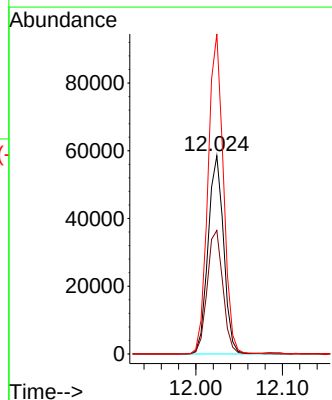
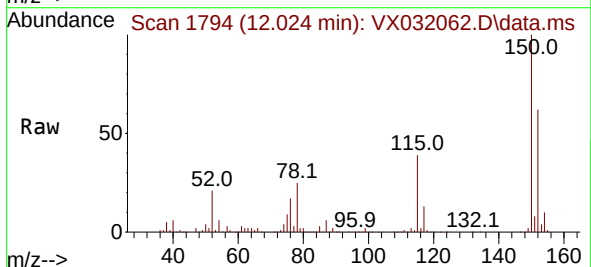
Instrument :
MSVOA_X
ClientSampleId :
B2(19-20)

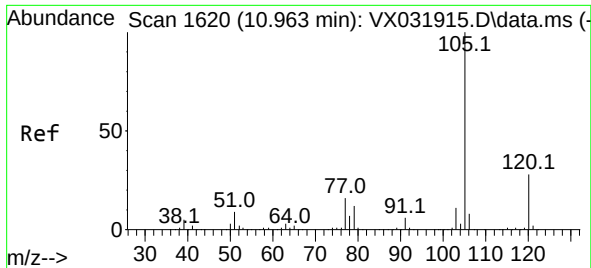
Tgt Ion:106 Resp: 4344
Ion Ratio Lower Upper
106 100
91 210.4 161.0 241.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion:152 Resp: 73026
Ion Ratio Lower Upper
152 100
115 62.8 43.4 130.1
150 159.8 0.0 346.8

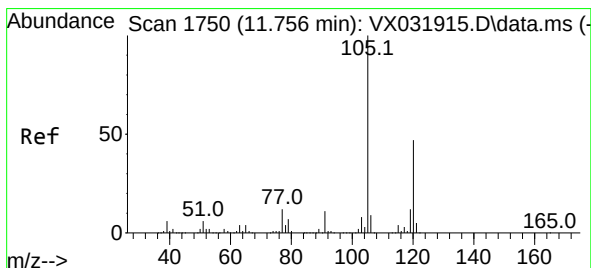
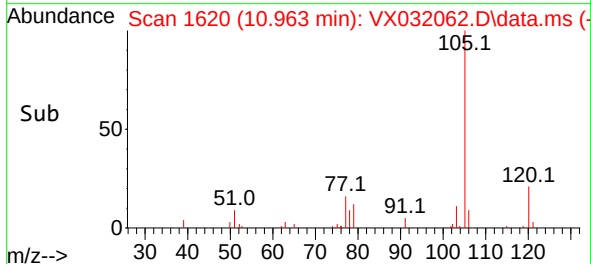
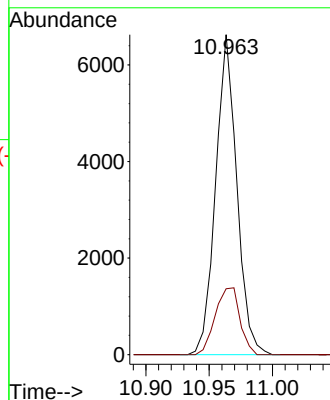
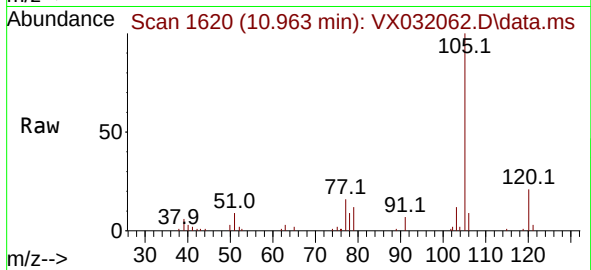




#73
Isopropylbenzene
Concen: 1.395 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

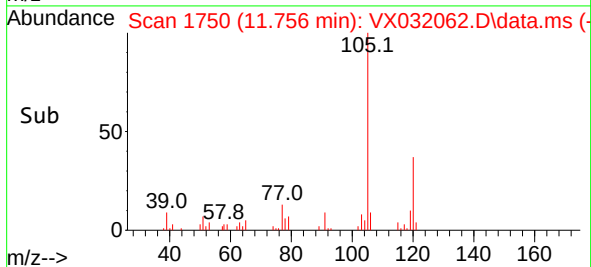
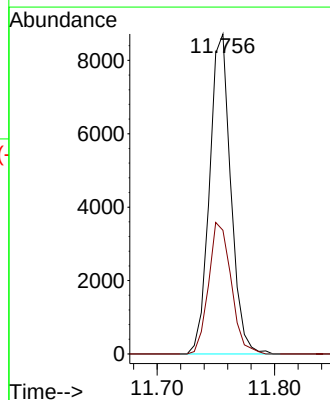
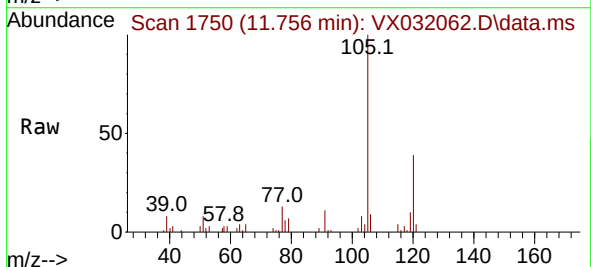
Instrument :
MSVOA_X
ClientSampleId :
B2(19-20)

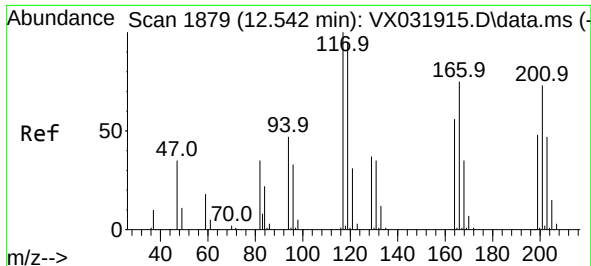
Tgt Ion:105 Resp: 7683
Ion Ratio Lower Upper
105 100
120 24.4 13.7 41.0



#84
1,2,4-Trimethylbenzene
Concen: 2.355 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion:105 Resp: 10928
Ion Ratio Lower Upper
105 100
120 43.6 22.6 67.8

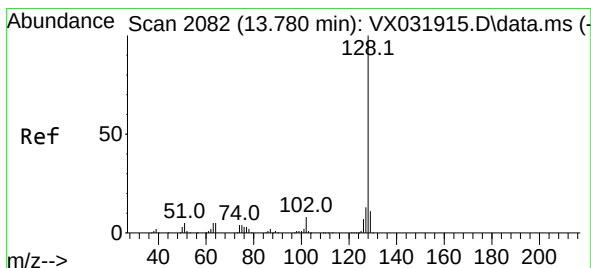
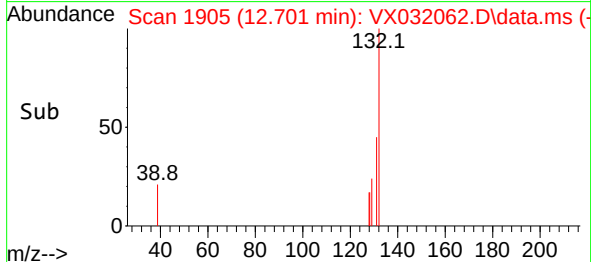
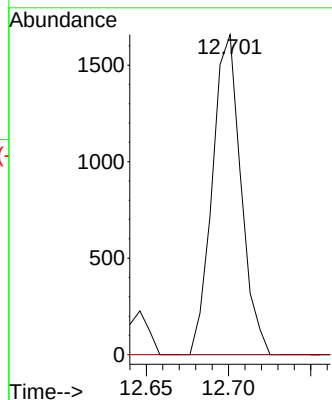
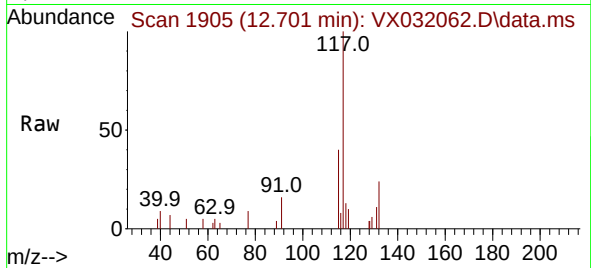




#90
Hexachloroethane
Concen: 3.918 ug/l
RT: 12.701 min Scan# 1905
Delta R.T. 0.159 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Instrument :
MSVOA_X
ClientSampleId :
B2(19-20)

Tgt Ion:117 Resp: 2008
Ion Ratio Lower Upper
117 100
201 0.0 34.8 104.4#



#95
Naphthalene
Concen: 30.893 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032062.D
Acq: 12 Oct 2022 05:28

Tgt Ion:128 Resp: 165016
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.8 8.8 13.2

