

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029247.D
 Acq On : 06 Jun 2022 18:41
 Operator : JC/MD
 Sample : N3160-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Jun 07 06:06:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	299196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	554786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	264281	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207655	61.548	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	123.100%
35) Dibromofluoromethane	5.391	113	187727	49.464	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.920%
50) Toluene-d8	8.653	98	681235	49.078	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.160%
62) 4-Bromofluorobenzene	11.085	95	279521	52.094	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.180%

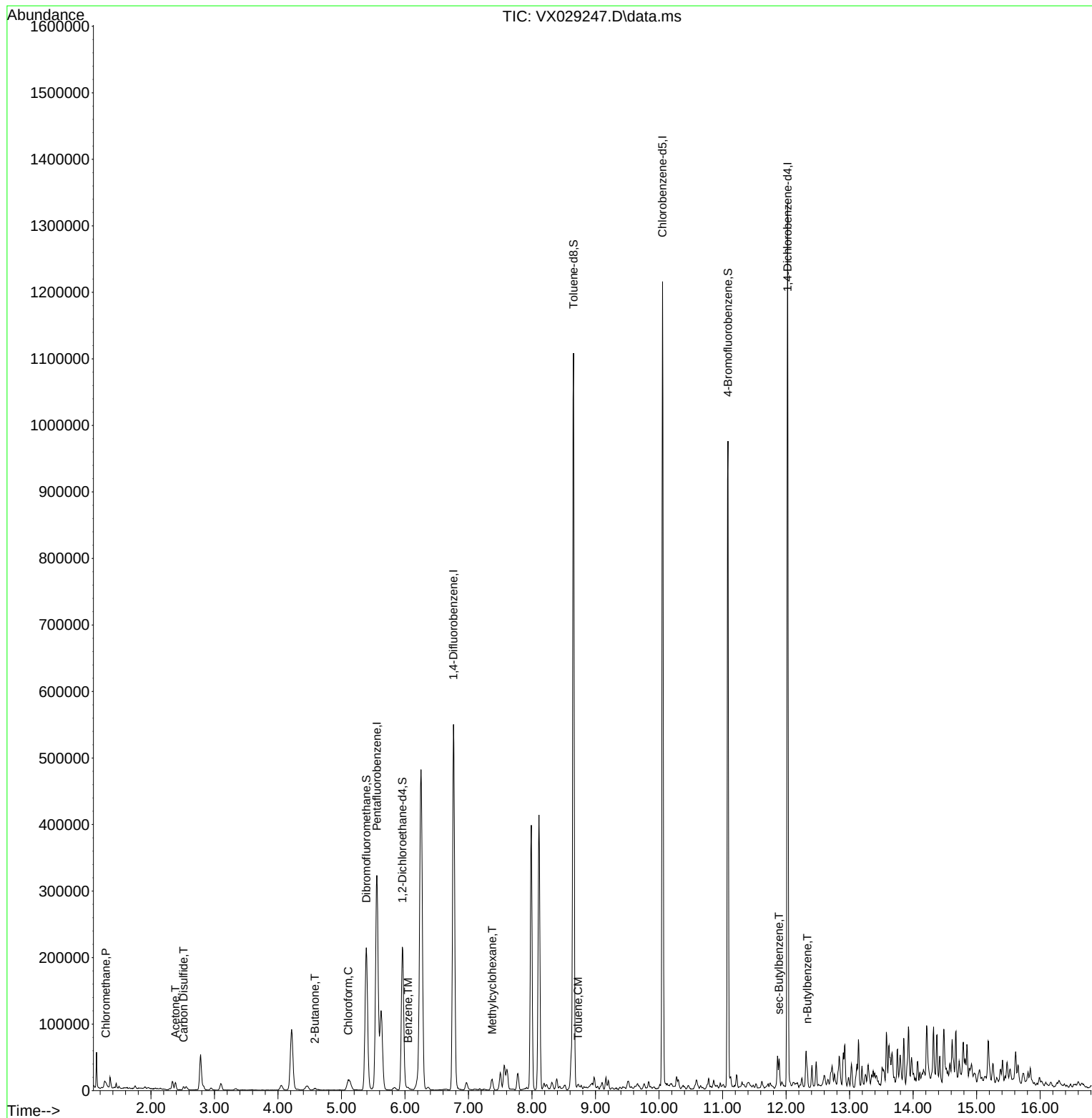
Target Compounds						Qvalue
3) Chloromethane	1.288	50	1101	0.404	ug/l	94
16) Acetone	2.386	43	11999	9.032	ug/l	100
17) Carbon Disulfide	2.514	76	6239	0.844	ug/l	98
25) 2-Butanone	4.580	43	3937	1.837	ug/l #	75
30) Chloroform	5.105	83	10859	1.954	ug/l	94
39) Methylcyclohexane	7.372	83	4035	0.668	ug/l #	37
40) Benzene	6.050	78	4007	0.277	ug/l #	85
52) Toluene	8.726	92	2634	0.273	ug/l	94
85) sec-Butylbenzene	11.890	105	20028	1.098	ug/l #	51
89) n-Butylbenzene	12.335	91	11516	0.890	ug/l #	67

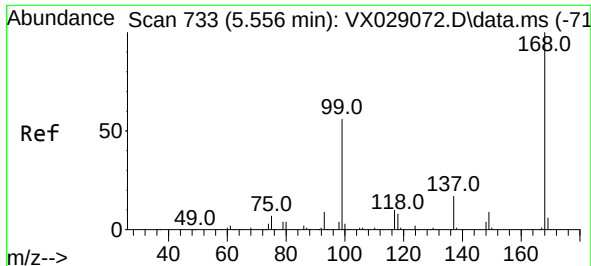
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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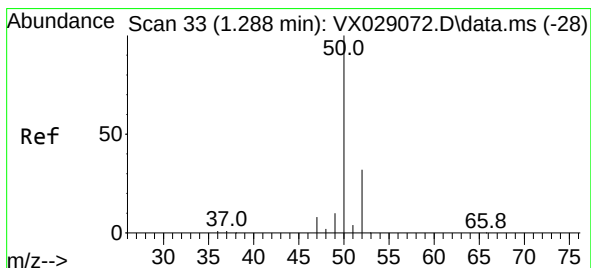
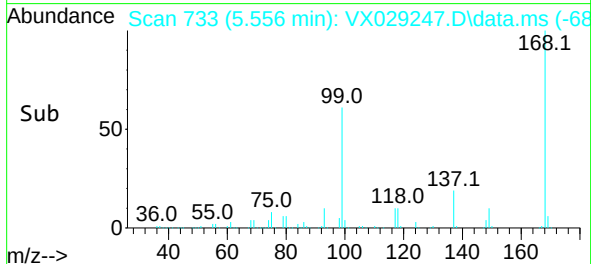
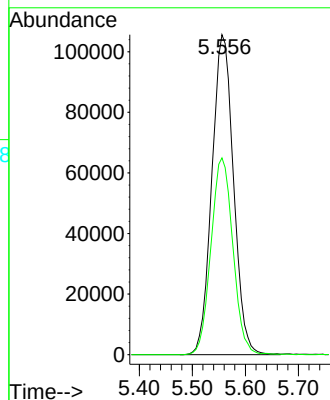
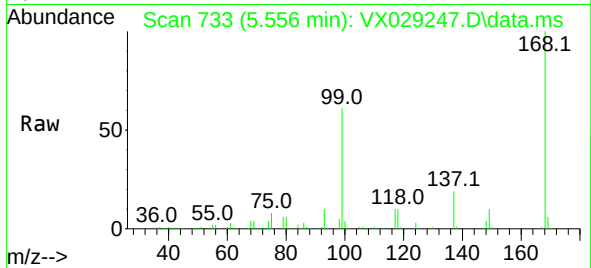




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

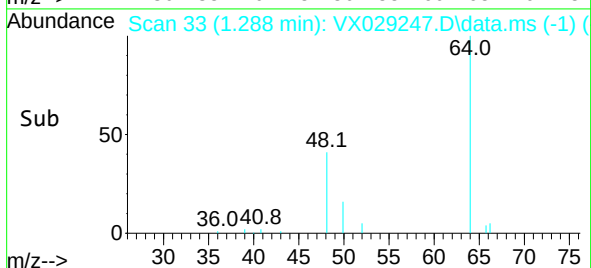
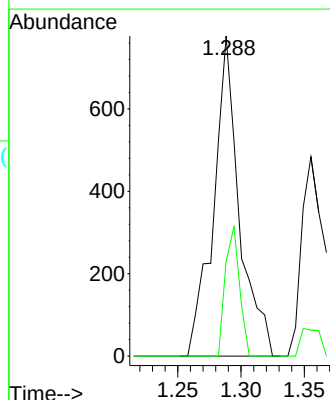
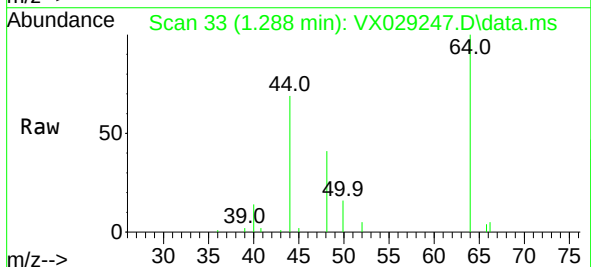
Instrument :
MSVOA_X
ClientSampleId :
MW-3

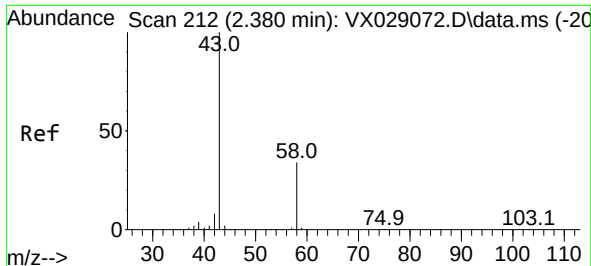
Tgt Ion:168 Resp: 299196
Ion Ratio Lower Upper
168 100
99 61.5 41.7 62.5



#3
Chloromethane
Concen: 0.404 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 50 Resp: 1101
Ion Ratio Lower Upper
50 100
52 29.6 26.4 39.6

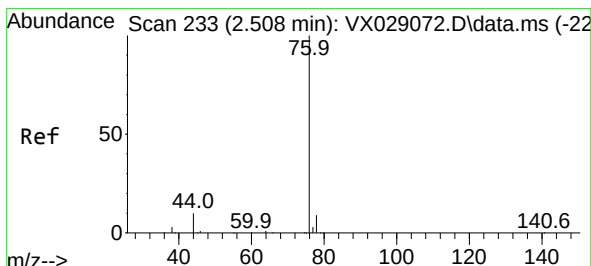
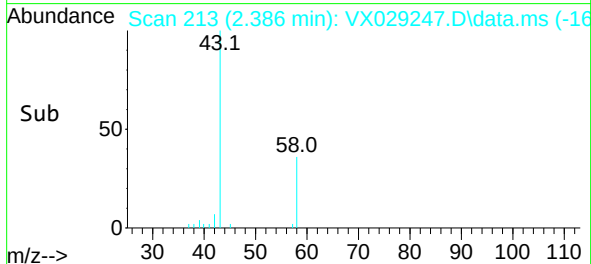
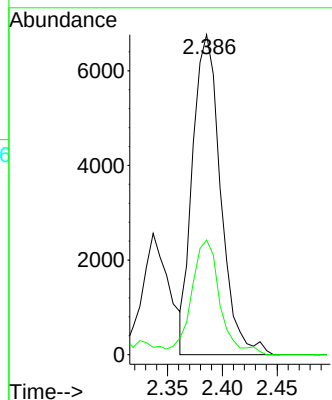
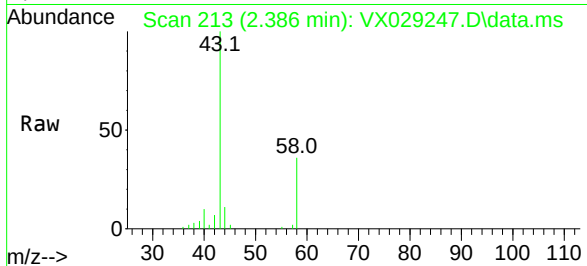




#16
Acetone
Concen: 9.032 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

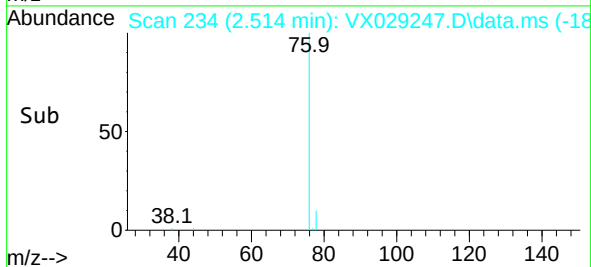
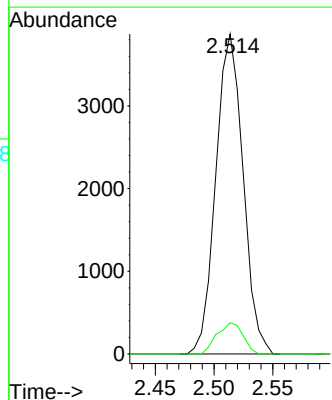
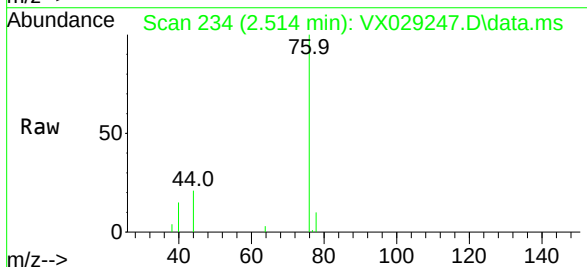
Instrument :
MSVOA_X
ClientSampleId :
MW-3

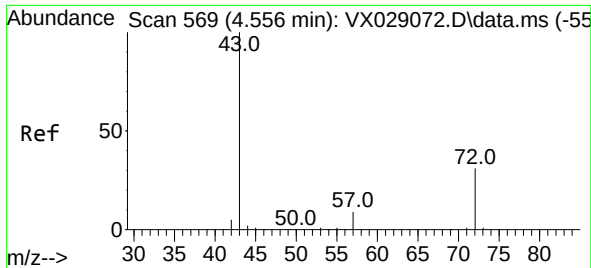
Tgt Ion: 43 Resp: 11999
Ion Ratio Lower Upper
43 100
58 35.9 28.8 43.2



#17
Carbon Disulfide
Concen: 0.844 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 76 Resp: 6239
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8

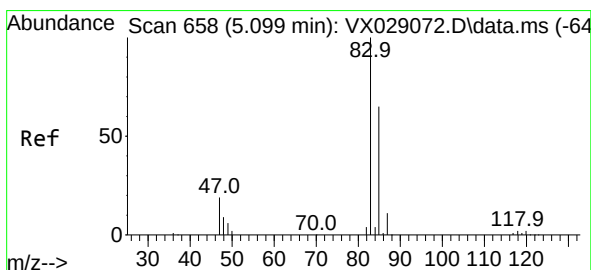
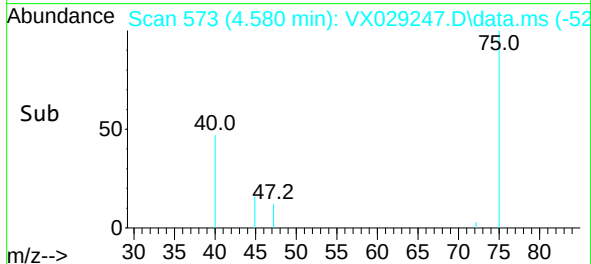
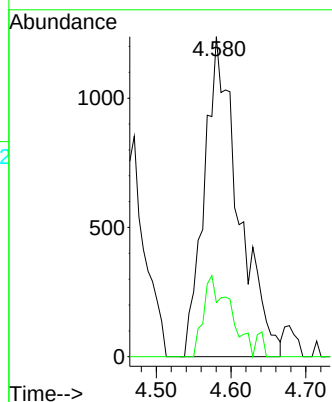
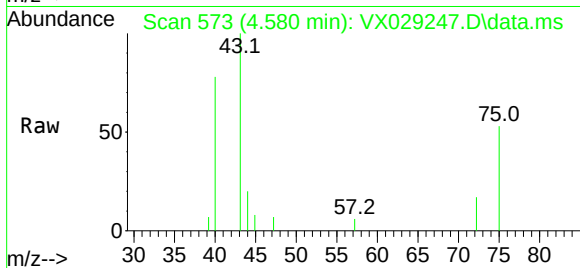




#25
2-Butanone
Concen: 1.837 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

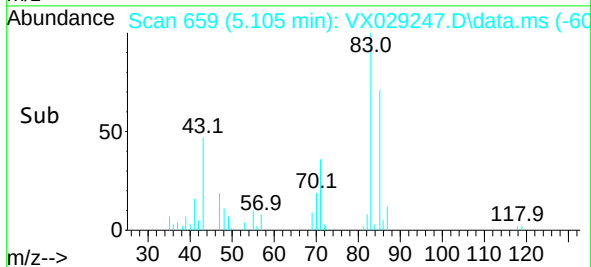
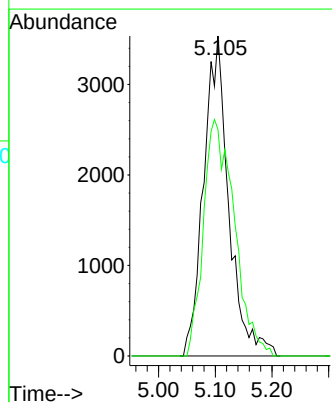
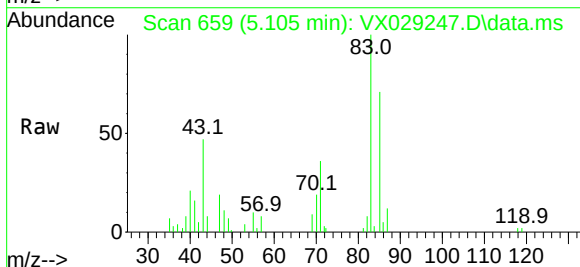
Instrument :
MSVOA_X
ClientSampleId :
MW-3

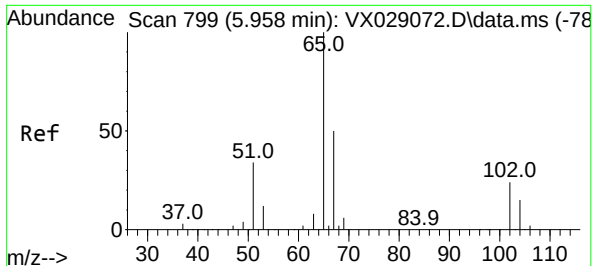
Tgt Ion: 43 Resp: 3937
Ion Ratio Lower Upper
43 100
72 17.0 24.4 36.6#



#30
Chloroform
Concen: 1.954 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 83 Resp: 10859
Ion Ratio Lower Upper
83 100
85 70.8 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 61.548 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029247.D

Acq: 06 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

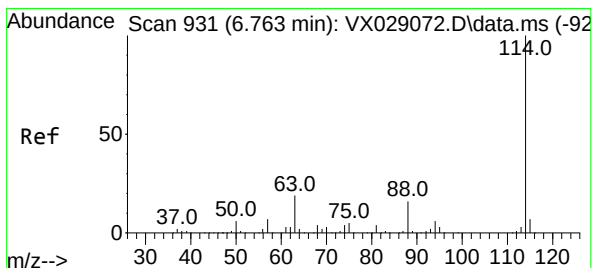
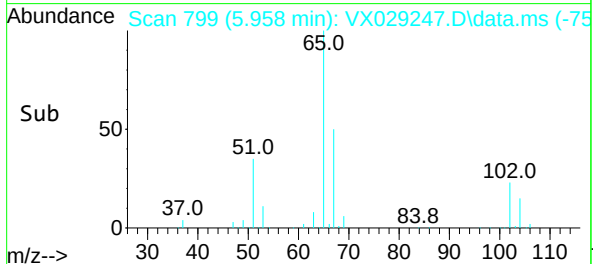
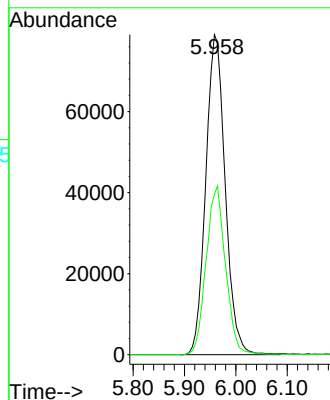
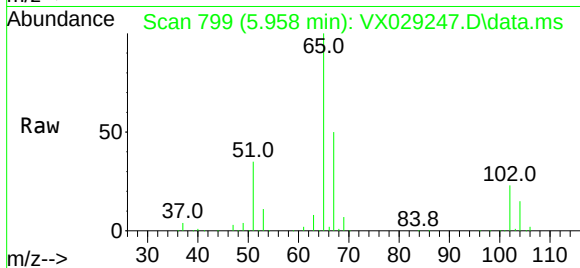
MW-3

Tgt Ion: 65 Resp: 207655

Ion Ratio Lower Upper

65 100

67 52.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029247.D

Acq: 06 Jun 2022 18:41

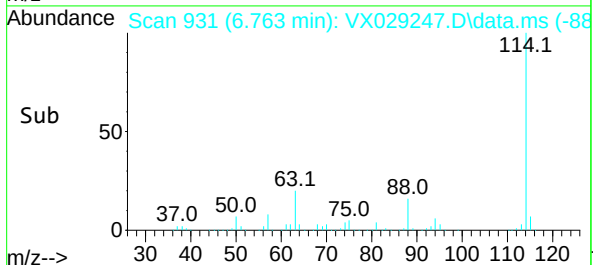
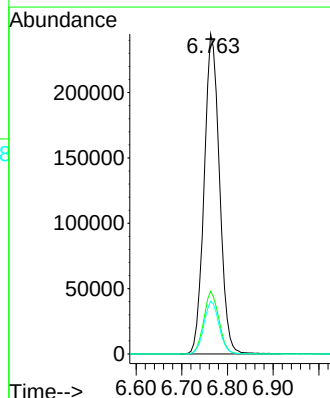
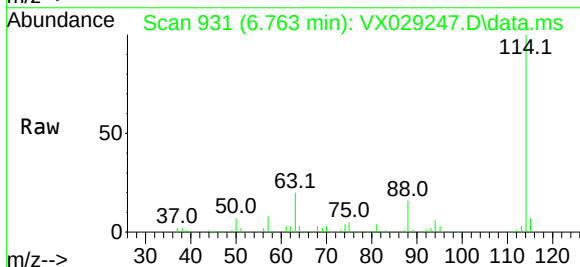
Tgt Ion: 114 Resp: 571381

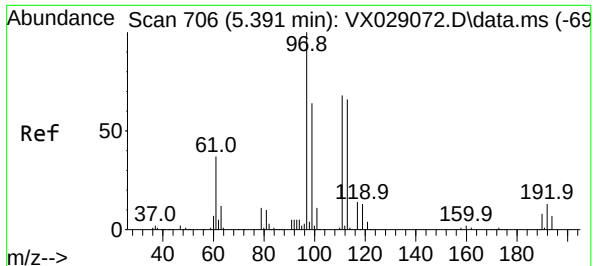
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

88 16.5 0.0 32.4

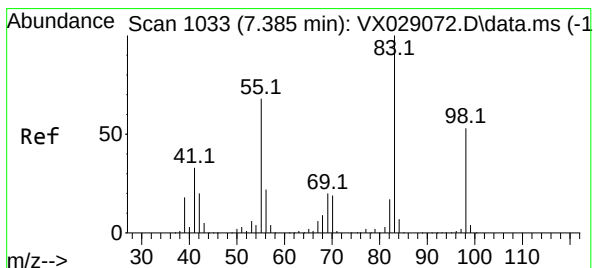
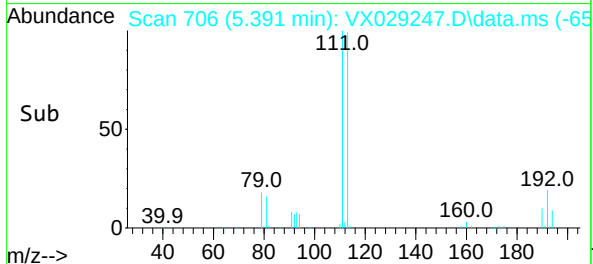
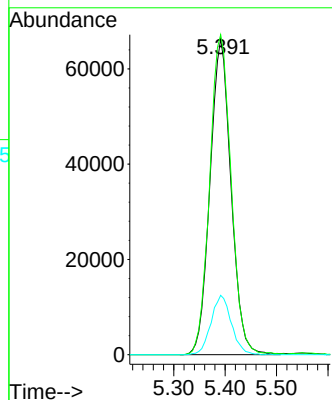
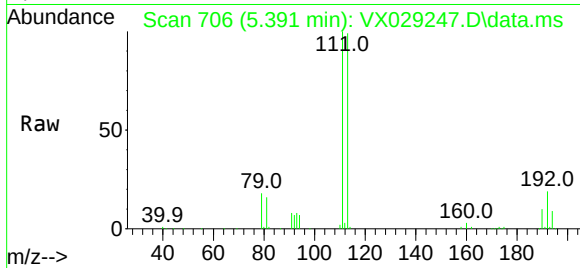




#35
Dibromofluoromethane
Concen: 49.464 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

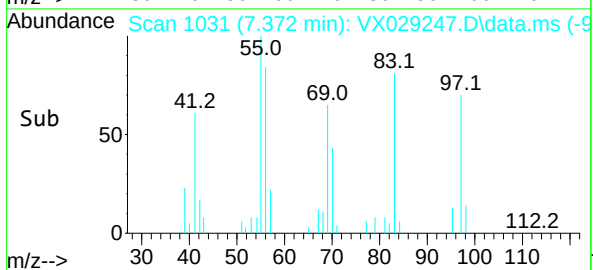
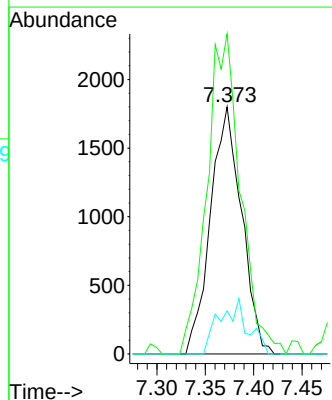
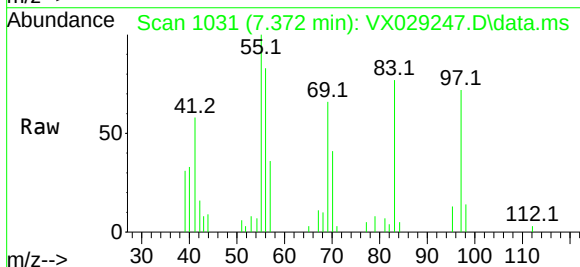
Instrument :
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MW-3

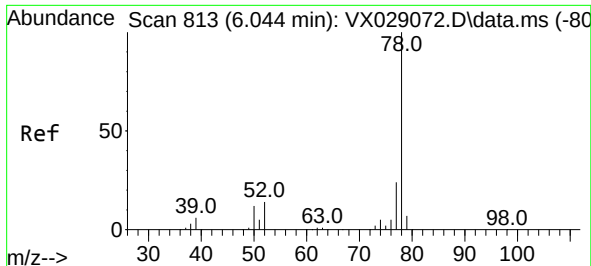
Tgt Ion:113 Resp: 187727
Ion Ratio Lower Upper
113 100
111 103.4 82.8 124.2
192 18.2 16.9 25.3



#39
Methylcyclohexane
Concen: 0.668 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.013 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 83 Resp: 4035
Ion Ratio Lower Upper
83 100
55 129.6 54.6 81.8#
98 17.5 37.4 56.2#

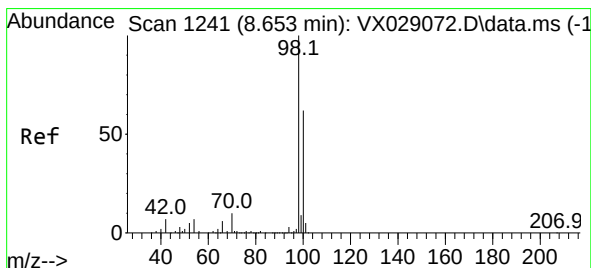
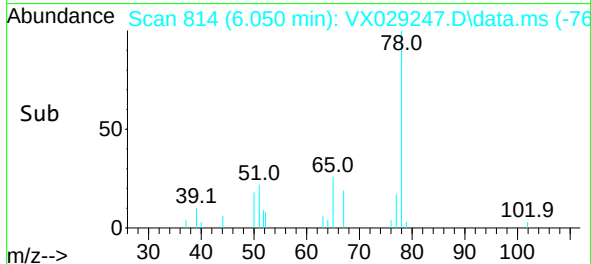
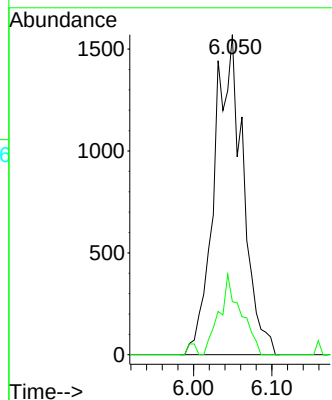
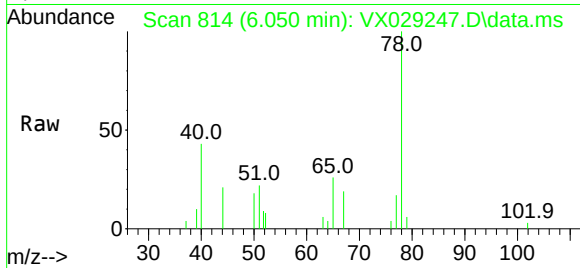




#40
Benzene
Concen: 0.277 ug/l
RT: 6.050 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

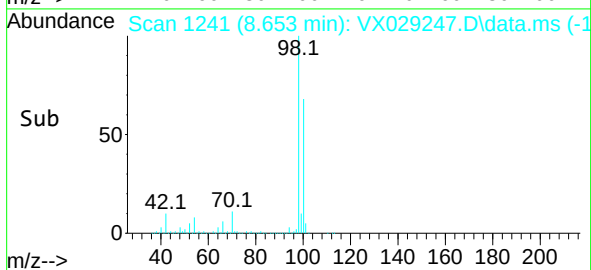
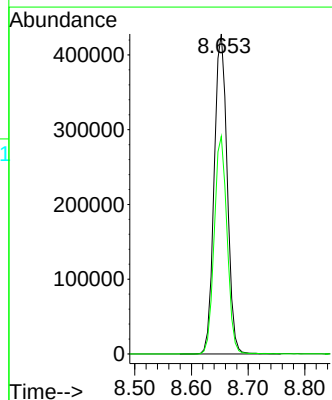
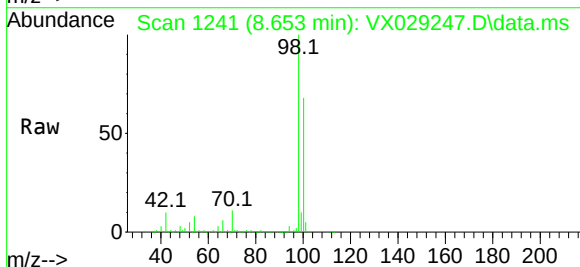
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MW-3

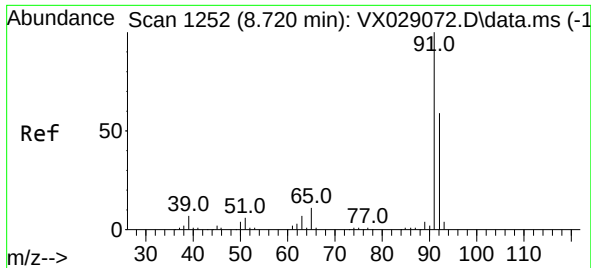
Tgt Ion: 78 Resp: 4007
Ion Ratio Lower Upper
78 100
77 16.5 19.3 28.9#



#50
Toluene-d8
Concen: 49.078 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 98 Resp: 681235
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

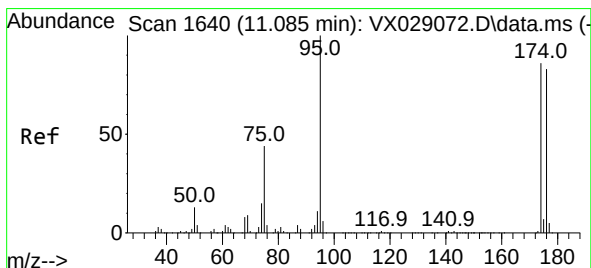
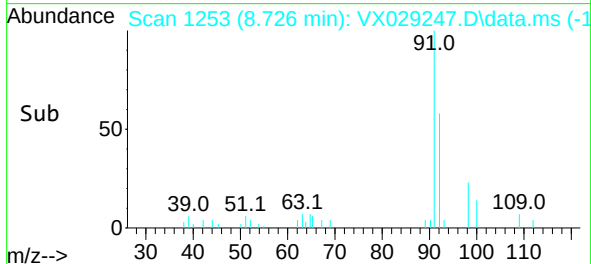
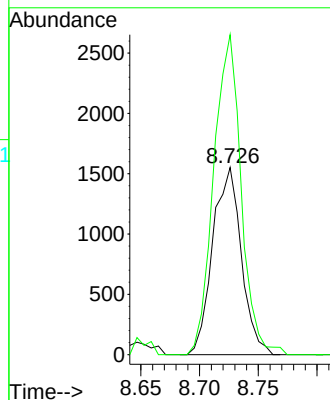
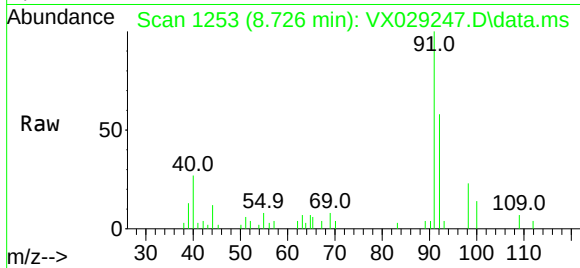




#52
Toluene
Concen: 0.273 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

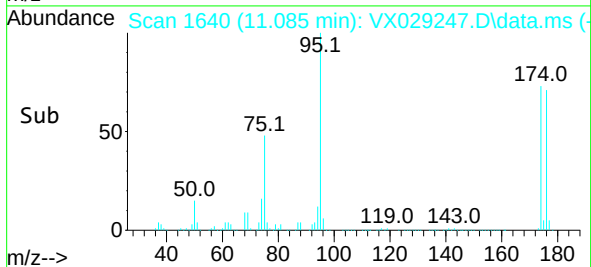
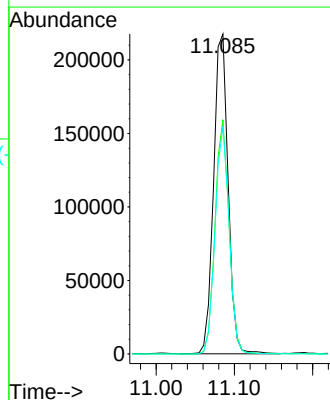
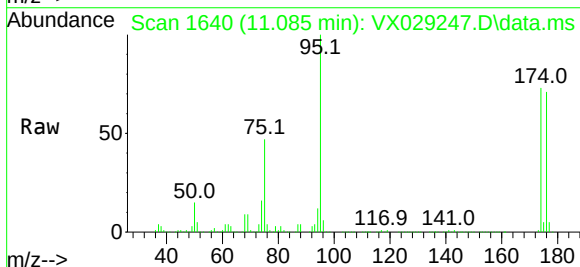
Instrument :
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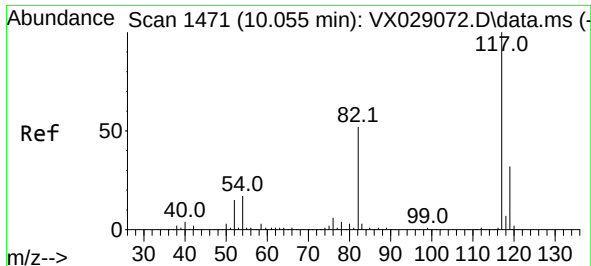
Tgt Ion: 92 Resp: 2634
Ion Ratio Lower Upper
92 100
91 163.9 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 52.094 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion: 95 Resp: 279521
Ion Ratio Lower Upper
95 100
174 71.0 0.0 163.0
176 69.0 0.0 155.0

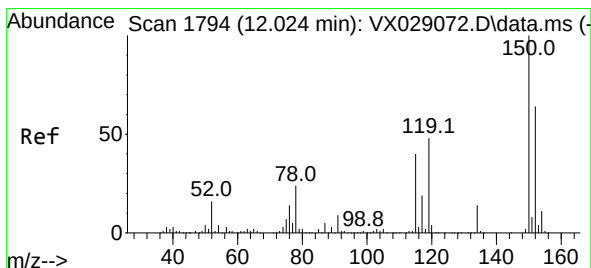
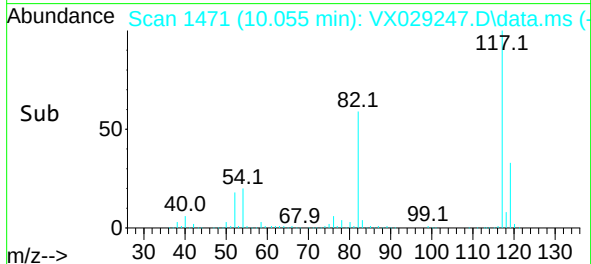
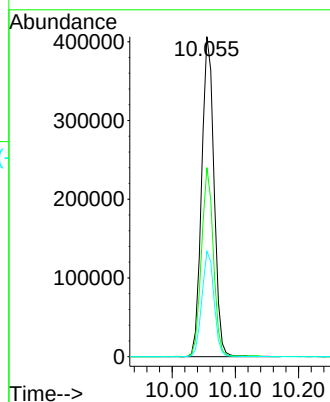
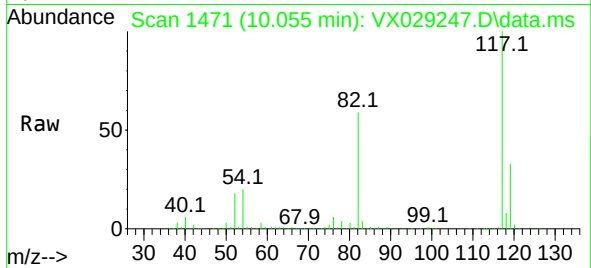




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

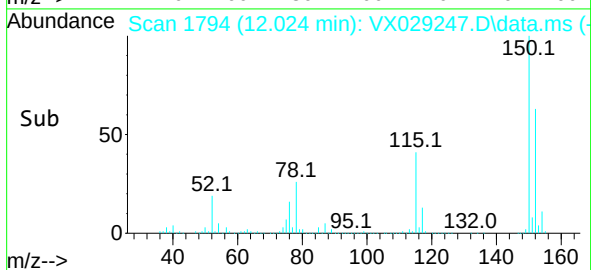
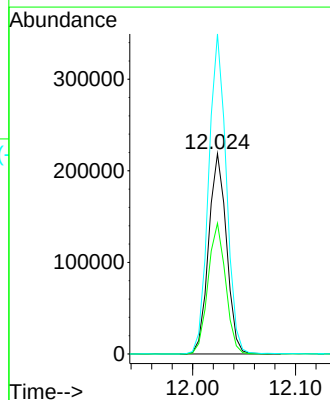
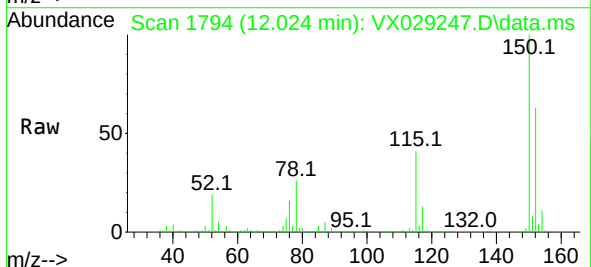
Instrument :
MSVOA_X
ClientSampleId :
MW-3

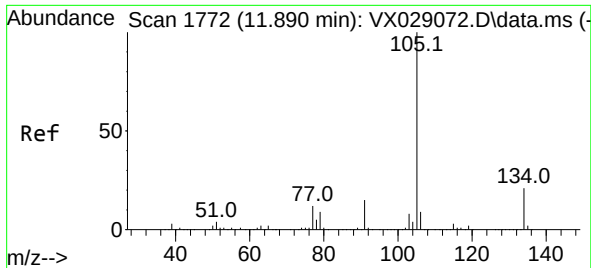
Tgt Ion:117 Resp: 554786
Ion Ratio Lower Upper
117 100
82 59.0 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029247.D
Acq: 06 Jun 2022 18:41

Tgt Ion:152 Resp: 264281
Ion Ratio Lower Upper
152 100
115 64.1 37.5 112.7
150 157.9 0.0 338.2

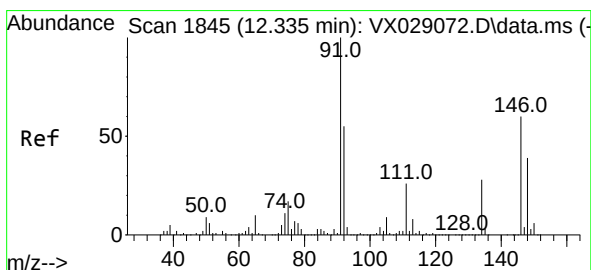
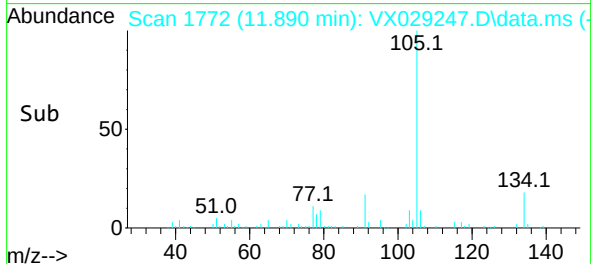
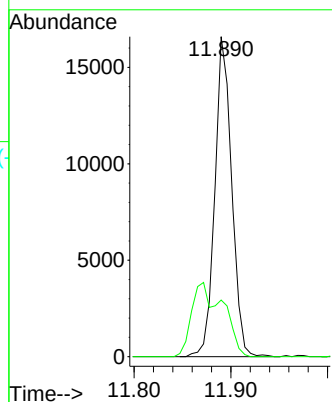
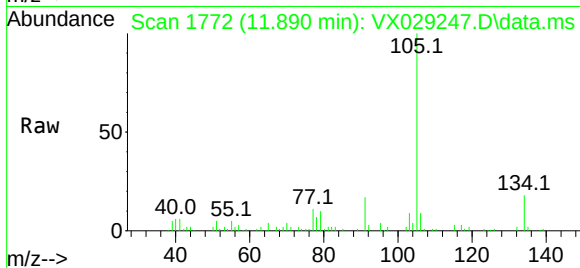




#85
 sec-Butylbenzene
 Concen: 1.098 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. -0.000 min
 Lab File: VX029247.D
 Acq: 06 Jun 2022 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Tgt Ion:105 Resp: 20028
 Ion Ratio Lower Upper
 105 100
 134 43.0 10.2 30.4#



#89
 n-Butylbenzene
 Concen: 0.890 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX029247.D
 Acq: 06 Jun 2022 18:41

Tgt Ion: 91 Resp: 11516
 Ion Ratio Lower Upper
 91 100
 92 39.9 27.8 83.3
 134 55.2 13.3 39.8#

