

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029739.D
 Acq On : 23 Jun 2022 13:21
 Operator : JC/MD
 Sample : N3202-02 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-15

Quant Time: Jun 24 05:38:34 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)

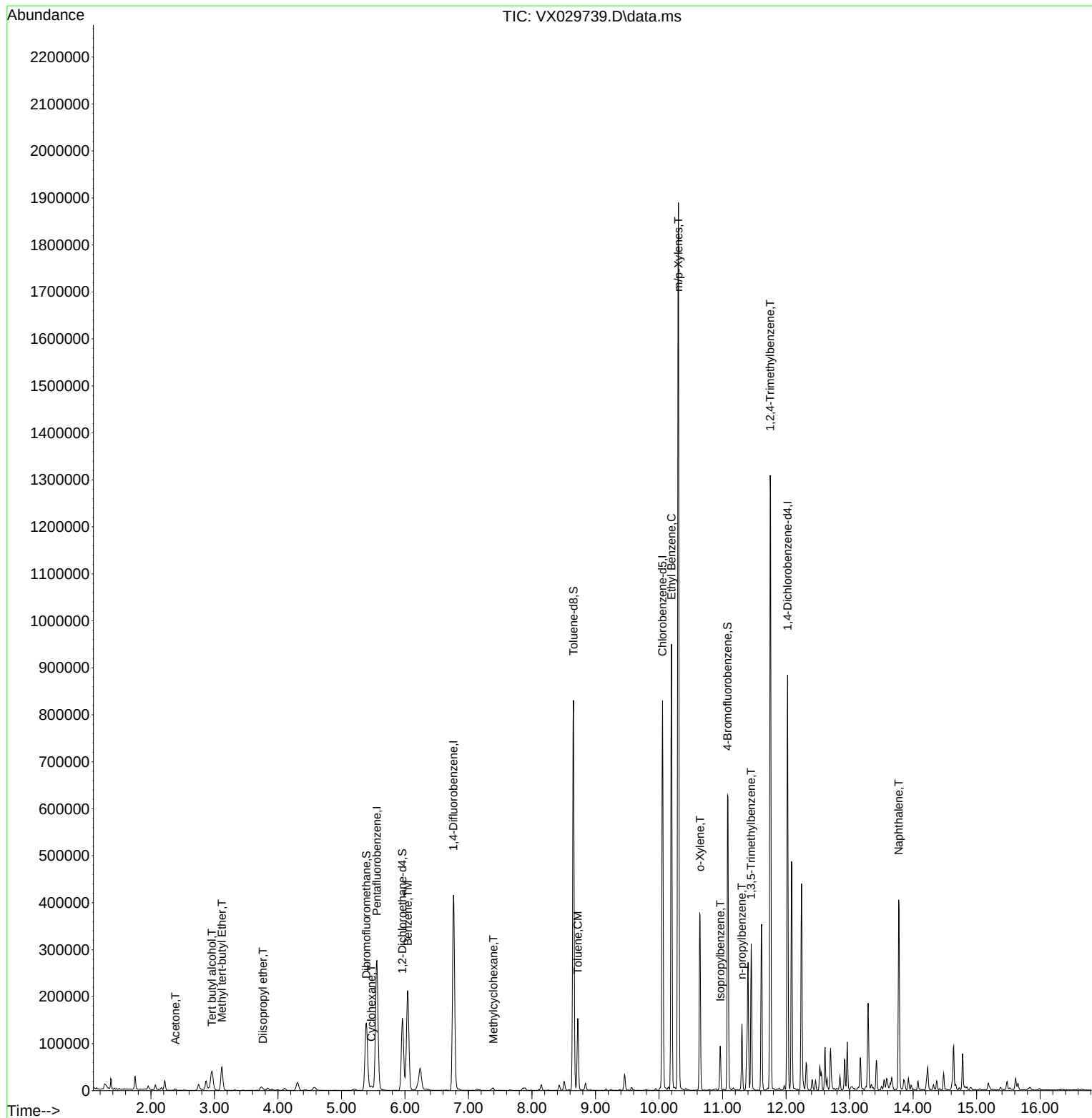
Internal Standards						
1) Pentafluorobenzene	5.556	168	270492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453099	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144295	40.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	80.600%		
35) Dibromofluoromethane	5.391	113	130854	44.316	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.640%		
50) Toluene-d8	8.653	98	509969	47.276	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.560%		
62) 4-Bromofluorobenzene	11.079	95	190607	46.856	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.720%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	52561	60.341	ug/l #	93
16) Acetone	2.386	43	3350	2.347	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	57015	5.993	ug/l	95
22) Diisopropyl ether	3.764	45	3835	0.438	ug/l #	84
31) Cyclohexane	5.471	56	6512	1.355	ug/l #	89
39) Methylcyclohexane	7.391	83	2667	0.535	ug/l #	84
40) Benzene	6.044	78	272846	23.032	ug/l	99
52) Toluene	8.720	92	60125	7.926	ug/l	97
67) Ethyl Benzene	10.195	91	549750	39.285	ug/l	100
68) m/p-Xylenes	10.305	106	468966	85.934	ug/l	99
69) o-Xylene	10.647	106	86357	16.017	ug/l	96
73) Isopropylbenzene	10.964	105	49159	3.559	ug/l	97
78) n-propylbenzene	11.305	91	85437	5.492	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	136503	11.736	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	606625	52.293	ug/l	99
95) Naphthalene	13.774	128	264112	20.441	ug/l	100

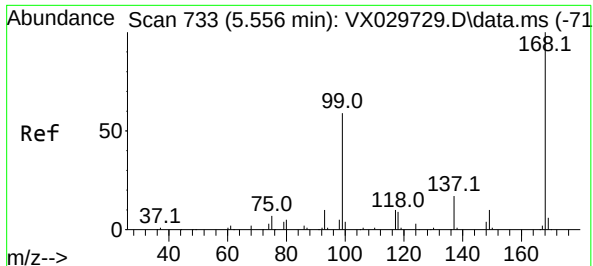
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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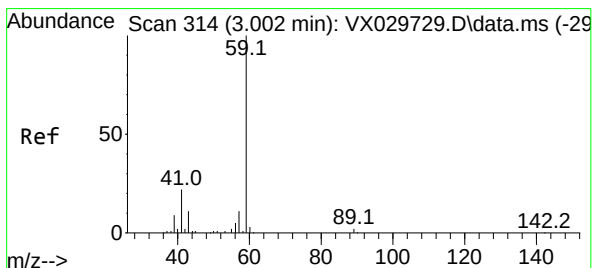
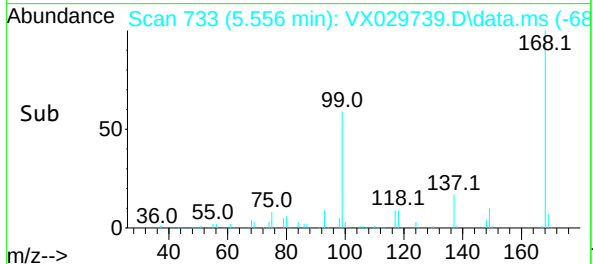
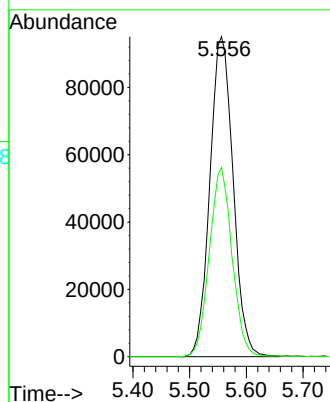
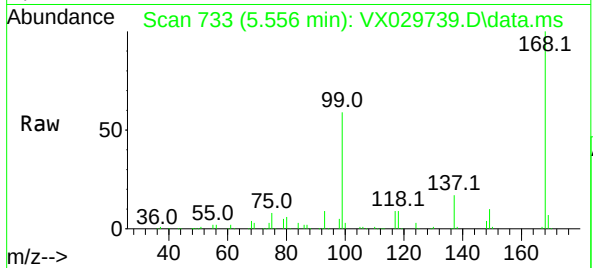




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

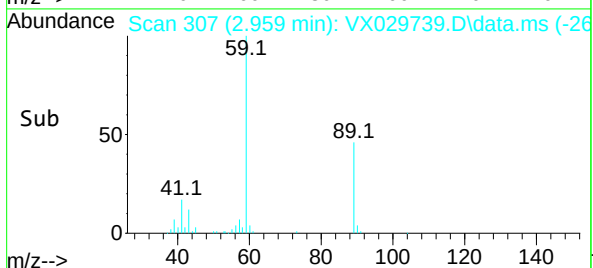
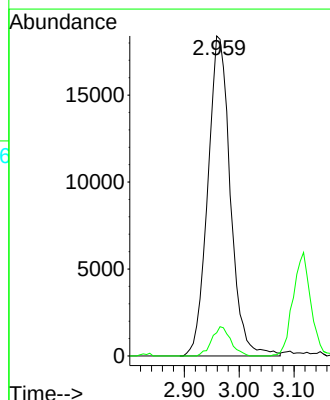
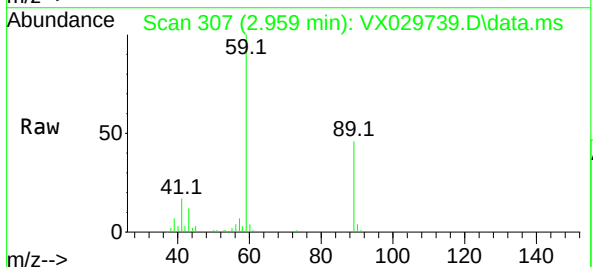
Instrument :
MSVOA_X
ClientSampleId :
MW-15

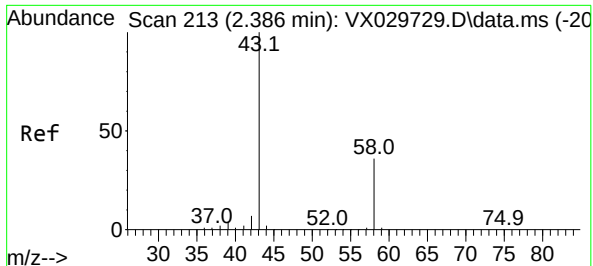
Tgt Ion:168 Resp: 270492
Ion Ratio Lower Upper
168 100
99 59.2 41.7 62.5



#11
Tert butyl alcohol
Concen: 60.341 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.024 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 59 Resp: 52561
Ion Ratio Lower Upper
59 100
57 7.6 8.3 12.5#

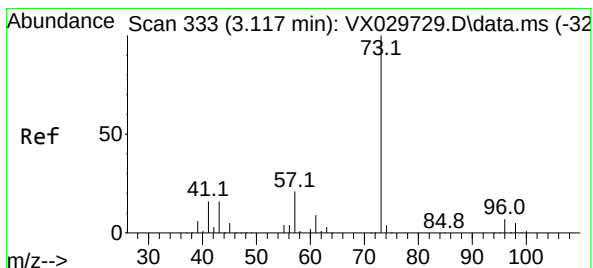
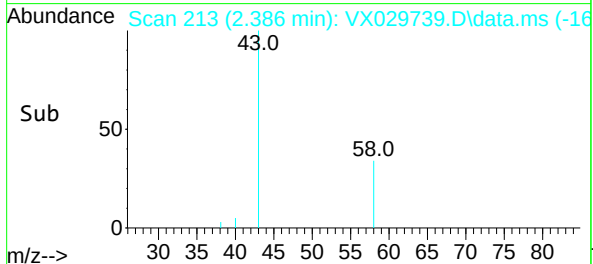
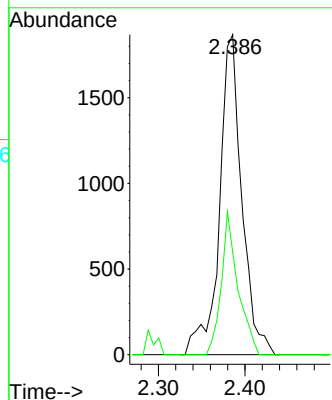
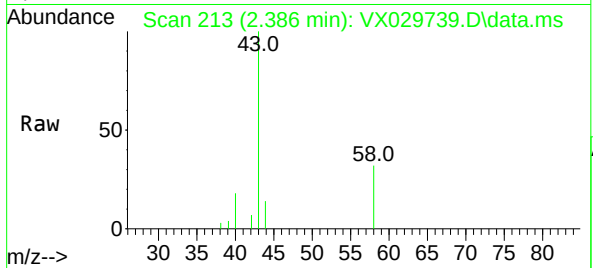




#16
Acetone
Concen: 2.347 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

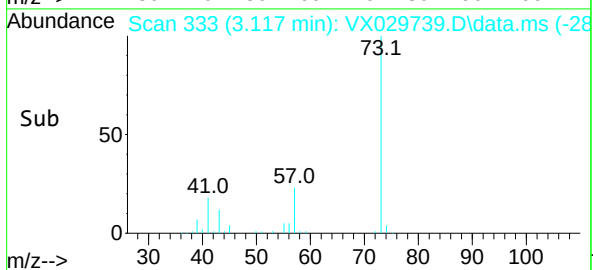
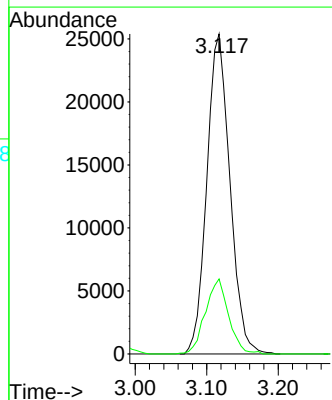
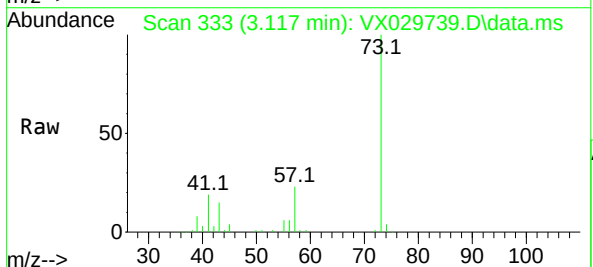
Instrument :
MSVOA_X
ClientSampleId :
MW-15

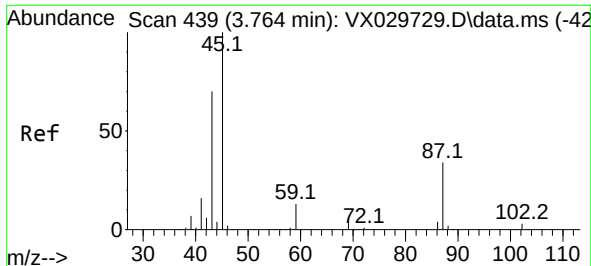
Tgt Ion: 43 Resp: 3350
Ion Ratio Lower Upper
43 100
58 32.1 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 5.993 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 73 Resp: 57015
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

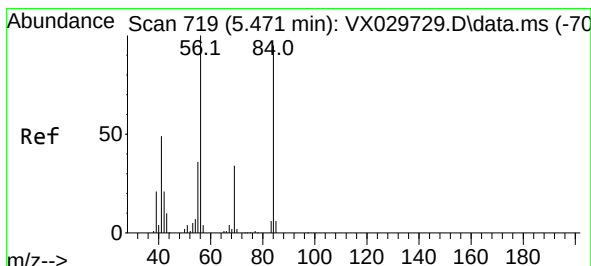
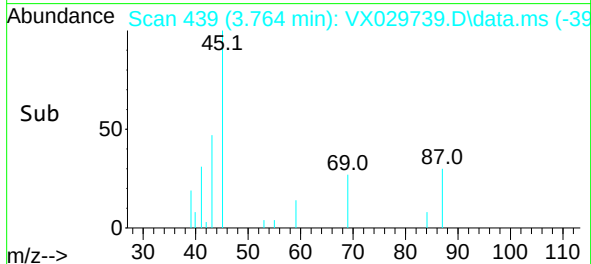
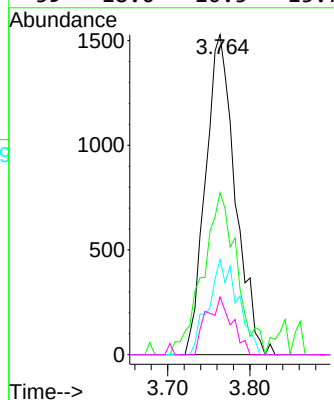
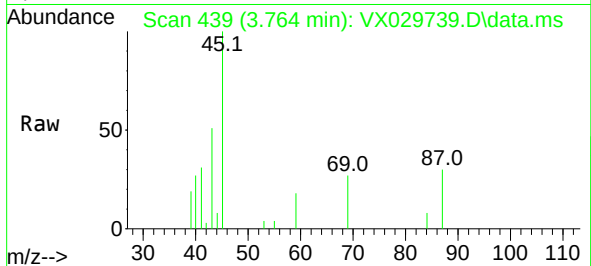




#22
Diisopropyl ether
Concen: 0.438 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.001 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

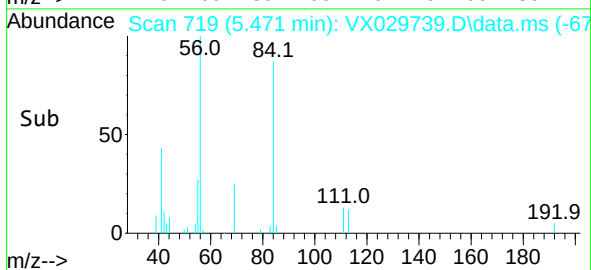
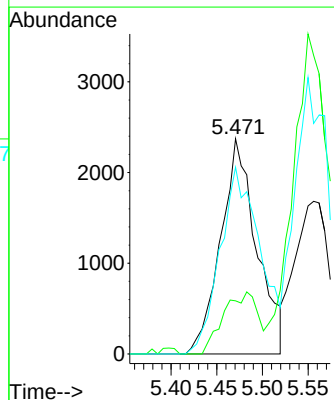
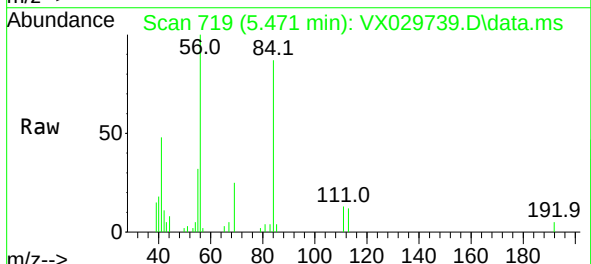
Instrument :
MSVOA_X
ClientSampleId :
MW-15

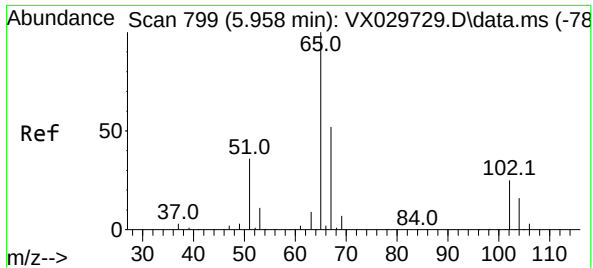
Tgt Ion: 45	Resp: 3835
Ion Ratio	Lower Upper
45	100
43	46.6 50.8 76.2#
87	29.7 26.6 39.8
59	18.0 10.5 15.7#



#31
Cyclohexane
Concen: 1.355 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 56	Resp: 6512
Ion Ratio	Lower Upper
56	100
69	24.7 26.7 40.1#
84	86.8 77.2 115.8

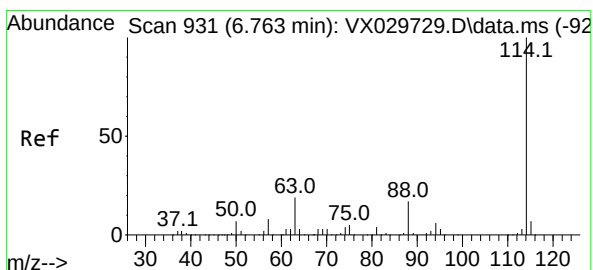
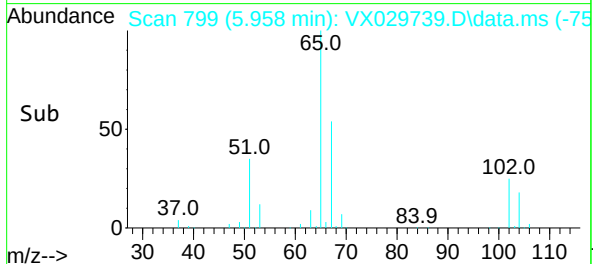
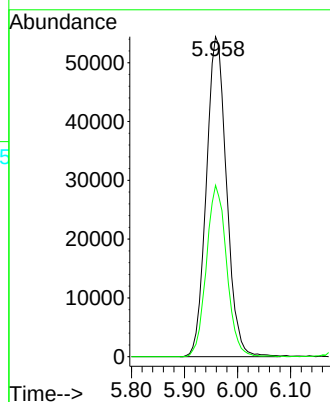
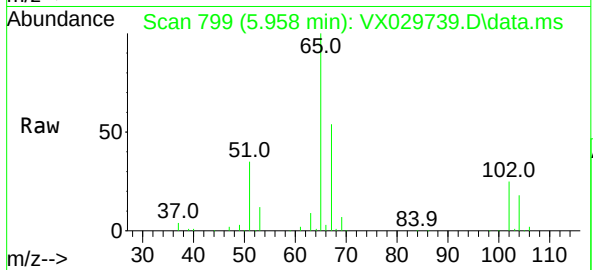




#33
1,2-Dichloroethane-d4
Concen: 40.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

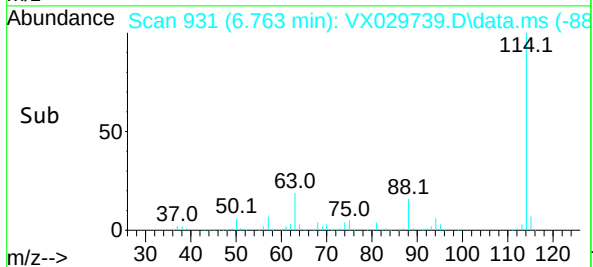
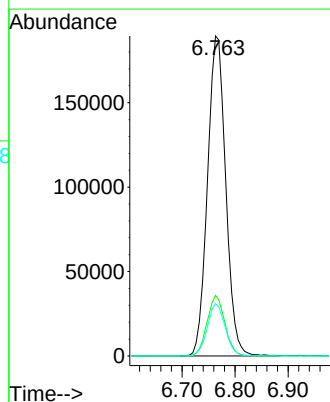
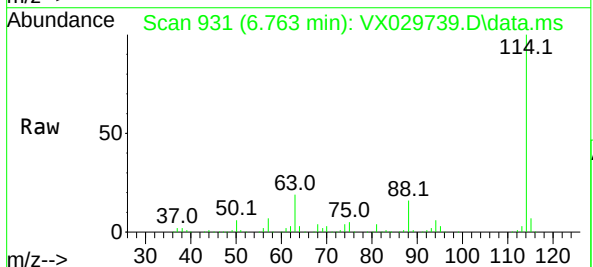
Instrument :
MSVOA_X
ClientSampleId :
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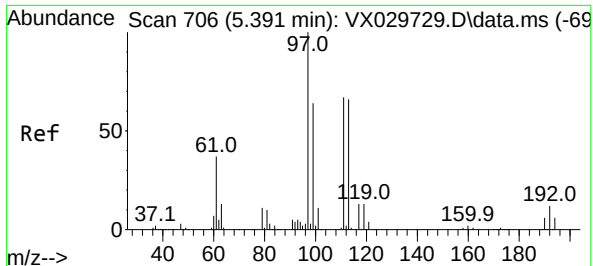
Tgt Ion: 65 Resp: 144295
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 114 Resp: 453099
Ion Ratio Lower Upper
114 100
63 18.9 0.0 36.8
88 16.4 0.0 32.4

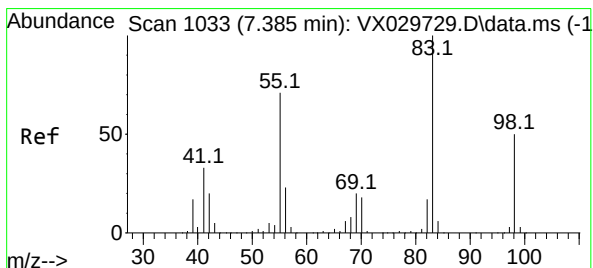
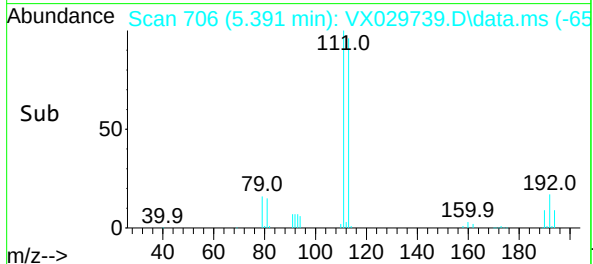
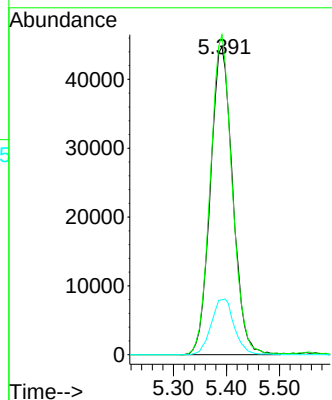
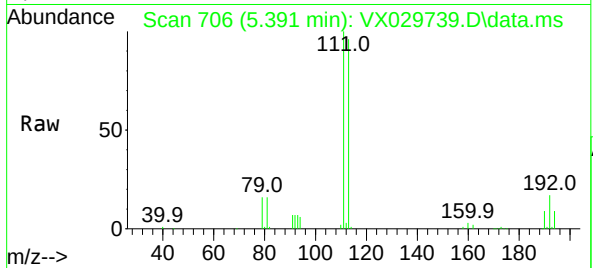




#35
Dibromofluoromethane
Concen: 44.316 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

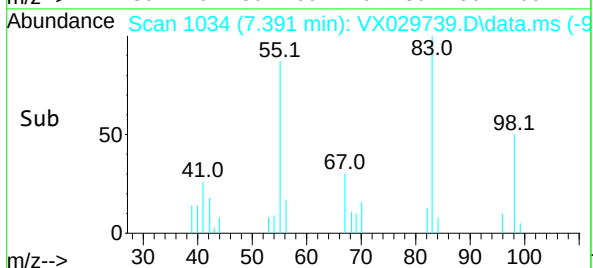
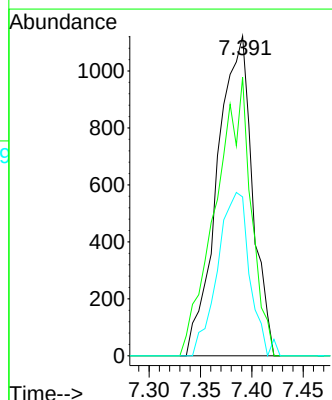
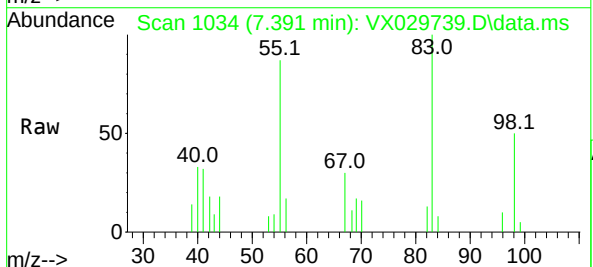
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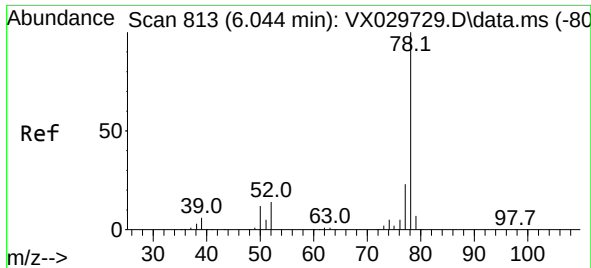
Tgt Ion:113 Resp: 130854
Ion Ratio Lower Upper
113 100
111 101.7 82.8 124.2
192 18.6 16.9 25.3



#39
Methylcyclohexane
Concen: 0.535 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 83 Resp: 2667
Ion Ratio Lower Upper
83 100
55 87.1 54.6 81.8#
98 49.7 37.4 56.2

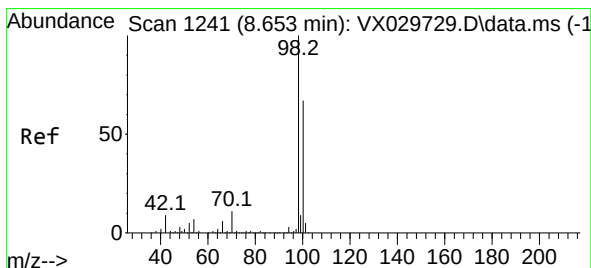
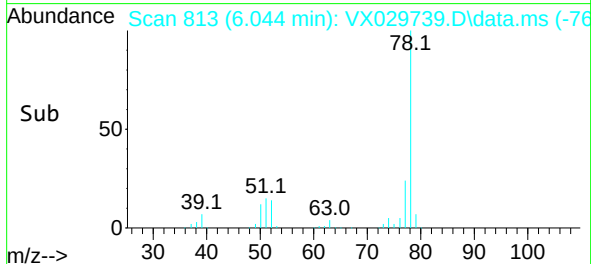
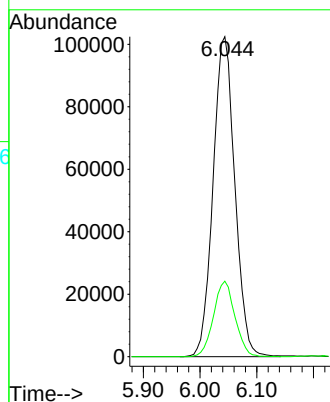
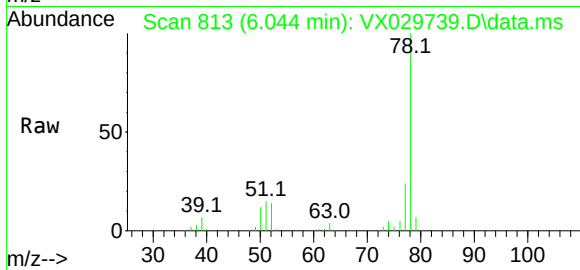




#40
Benzene
Concen: 23.032 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

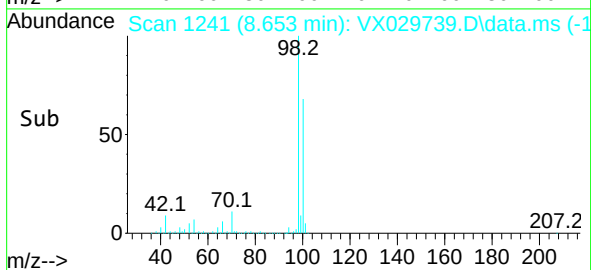
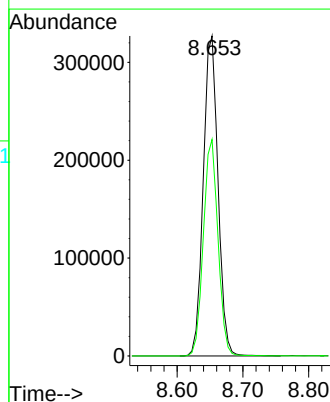
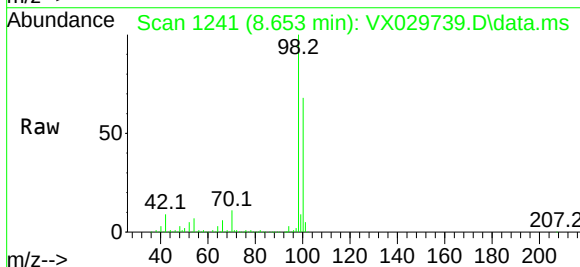
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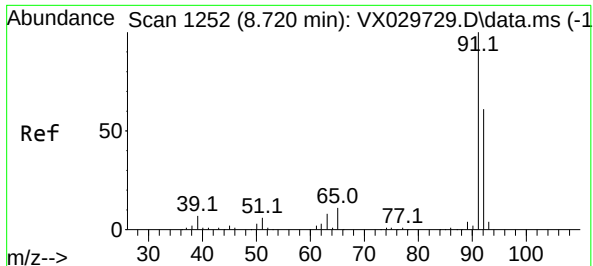
Tgt Ion: 78 Resp: 272846
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#50
Toluene-d8
Concen: 47.276 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 98 Resp: 509969
Ion Ratio Lower Upper
98 100
100 67.1 52.6 78.8

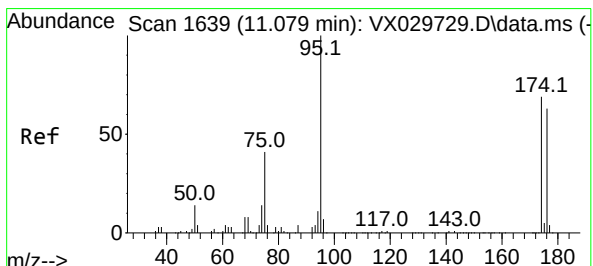
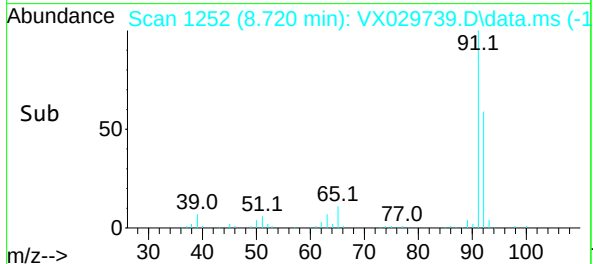
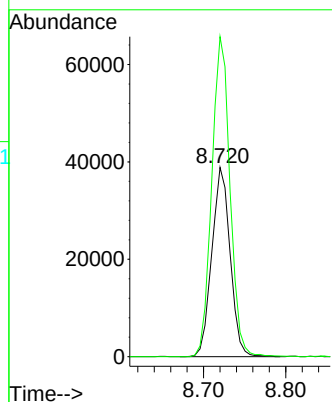
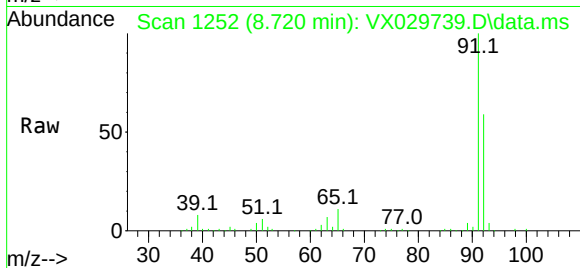




#52
Toluene
Concen: 7.926 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

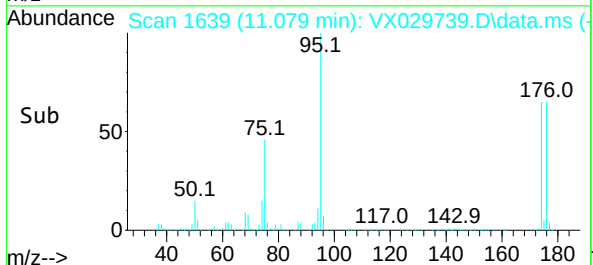
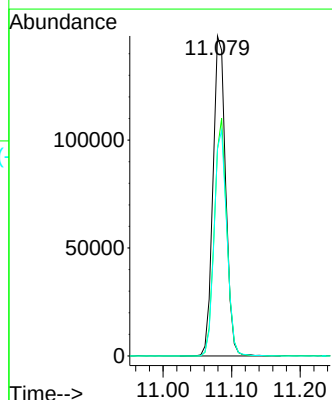
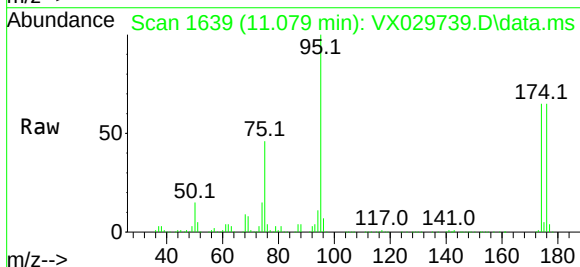
Instrument :
MSVOA_X
ClientSampleId :
MW-15

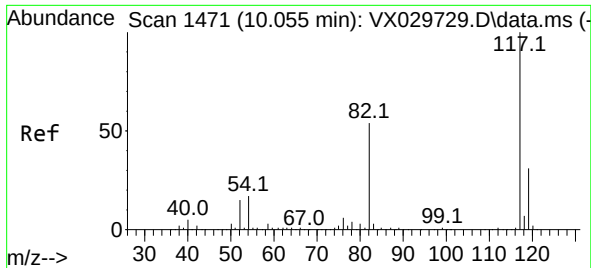
Tgt Ion: 92 Resp: 60125
Ion Ratio Lower Upper
92 100
91 168.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 46.856 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 95 Resp: 190607
Ion Ratio Lower Upper
95 100
174 72.3 0.0 163.0
176 70.7 0.0 155.0

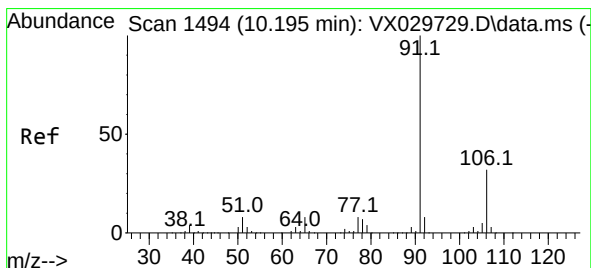
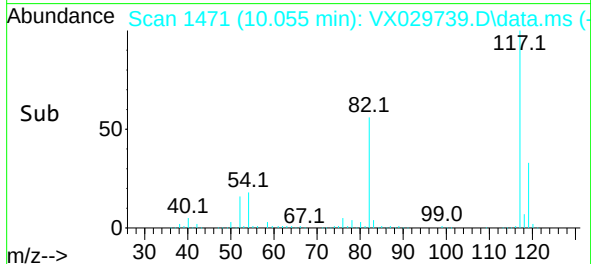
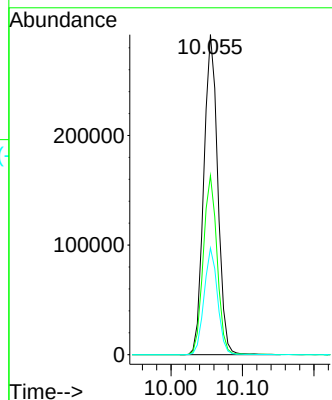
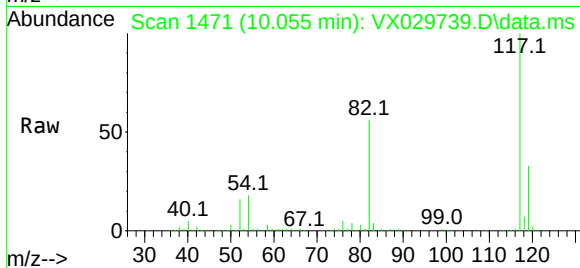




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

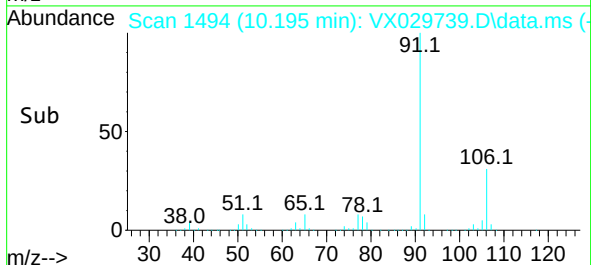
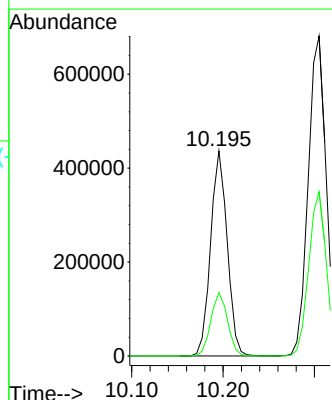
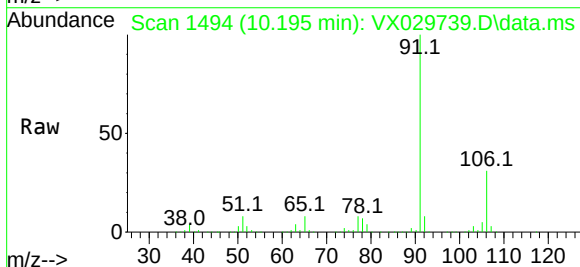
Instrument :
MSVOA_X
ClientSampleId :
MW-15

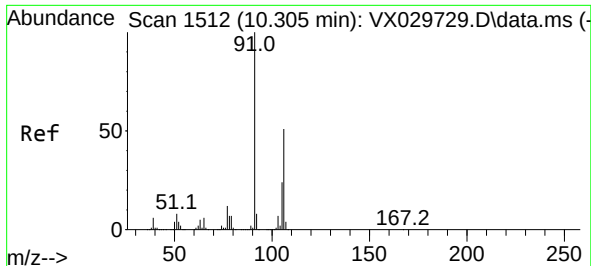
Tgt Ion:117 Resp: 396449
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 33.3 24.8 37.2



#67
Ethyl Benzene
Concen: 39.285 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 91 Resp: 549750
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

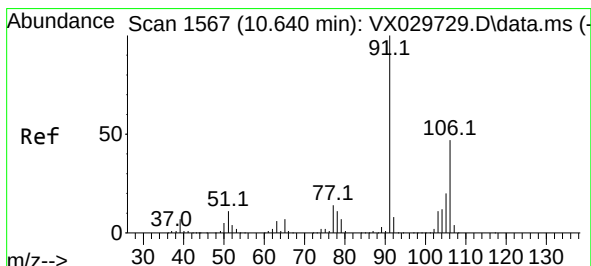
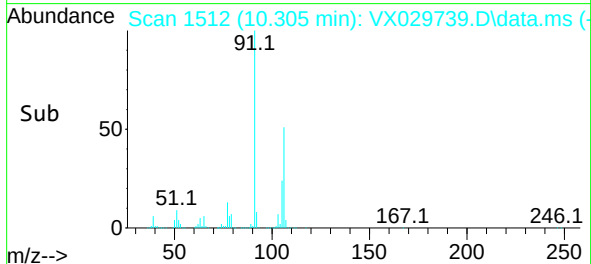
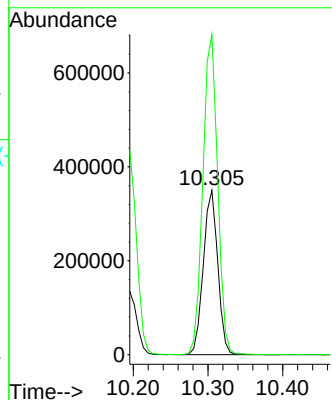
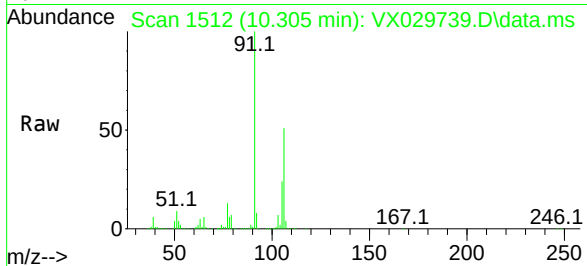




#68
m/p-Xylenes
Concen: 85.934 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

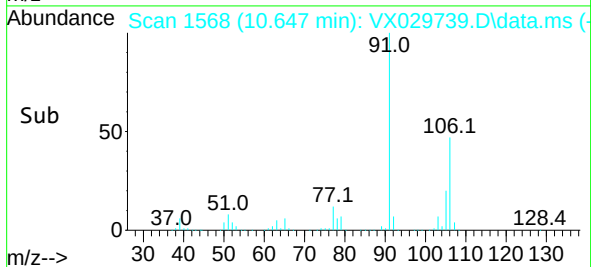
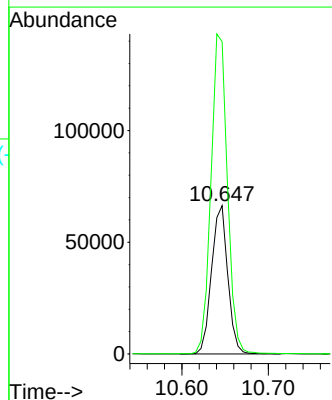
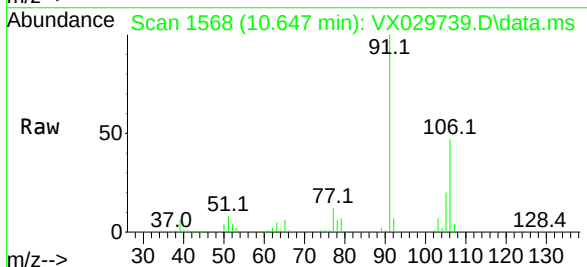
Instrument :
MSVOA_X
ClientSampleId :
MW-15

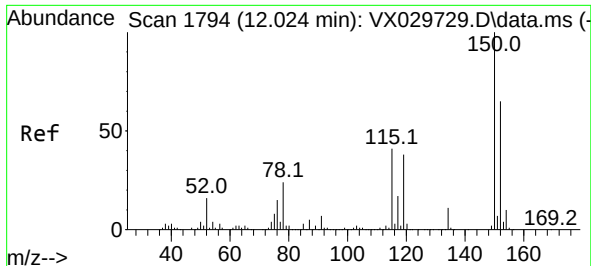
Tgt Ion:106 Resp: 468966
Ion Ratio Lower Upper
106 100
91 198.8 160.4 240.6



#69
o-Xylene
Concen: 16.017 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion:106 Resp: 86357
Ion Ratio Lower Upper
106 100
91 219.1 106.1 318.1

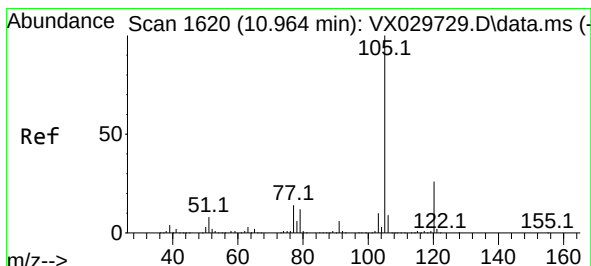
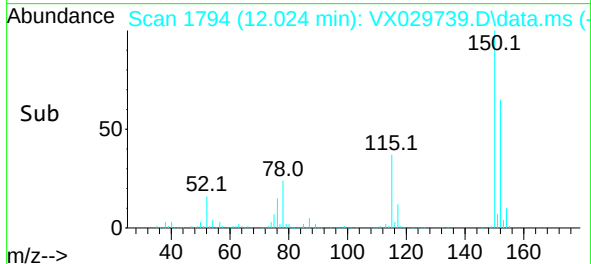
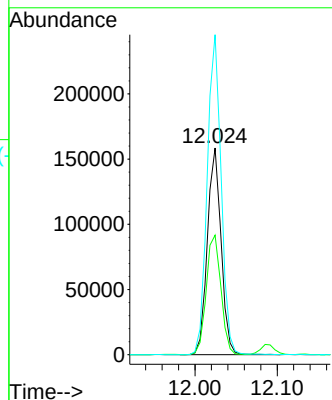
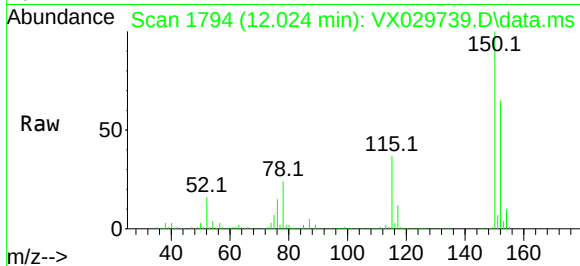




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

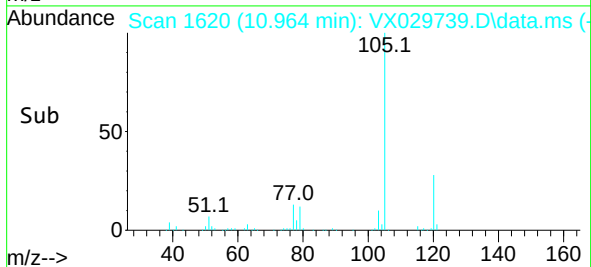
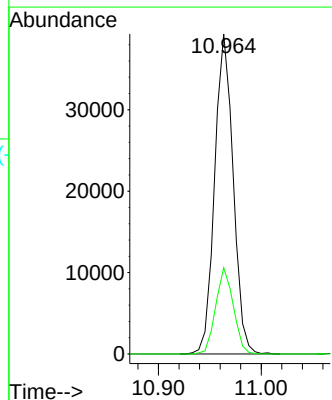
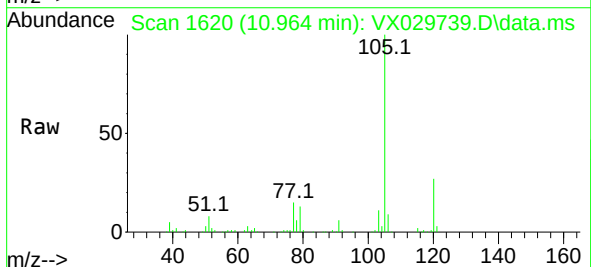
Instrument :
MSVOA_X
ClientSampleId :
MW-15

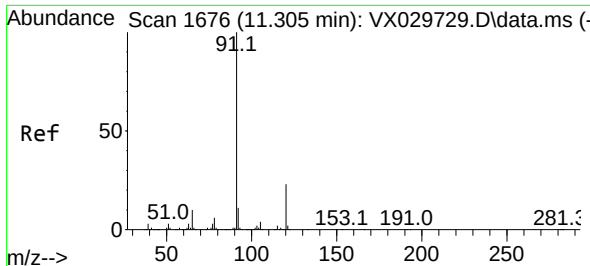
Tgt Ion:152 Resp: 184202
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 157.1 0.0 338.2



#73
Isopropylbenzene
Concen: 3.559 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion:105 Resp: 49159
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.5

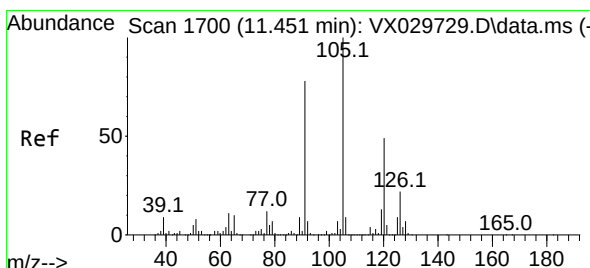
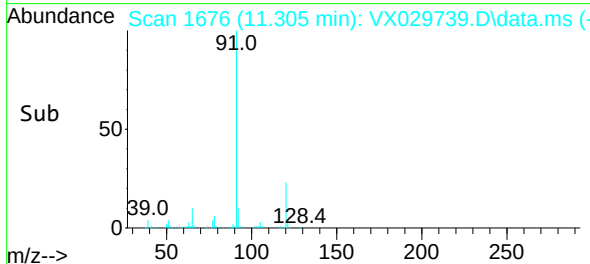
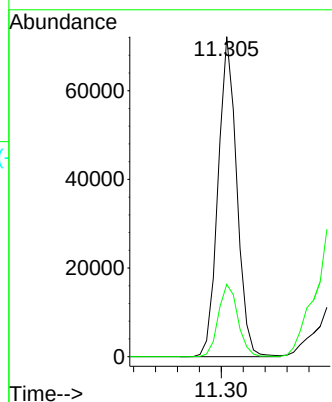
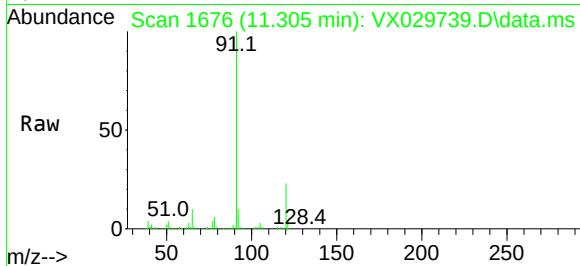




#78
n-propylbenzene
Concen: 5.492 ug/l
RT: 11.305 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

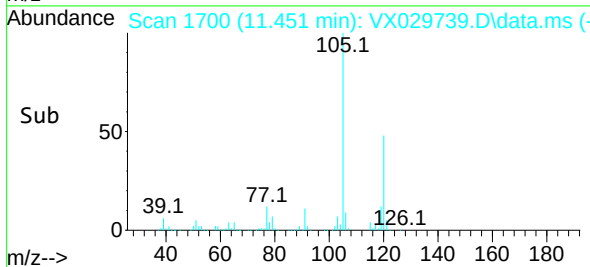
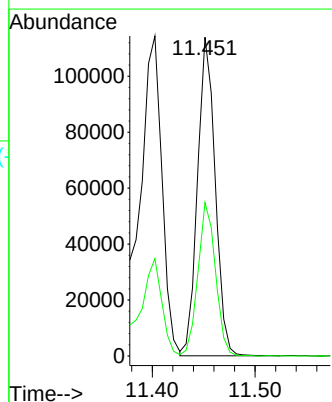
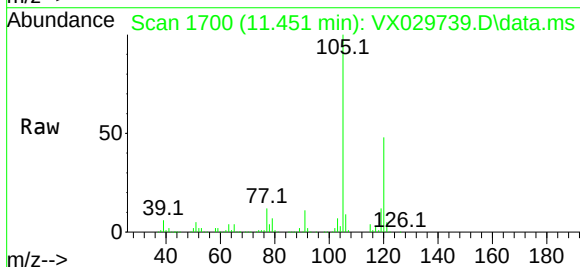
Instrument :
MSVOA_X
ClientSampleId :
MW-15

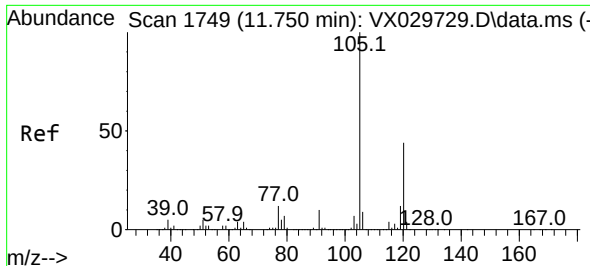
Tgt Ion: 91 Resp: 85437
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 11.736 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion: 105 Resp: 136503
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9

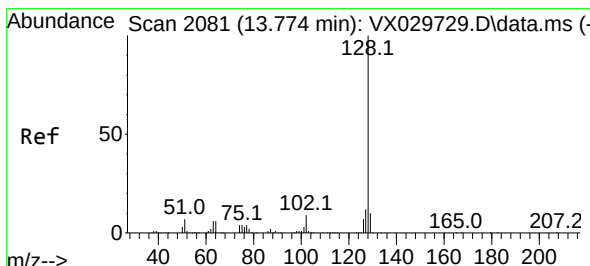
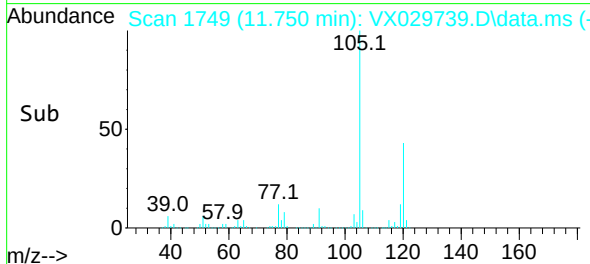
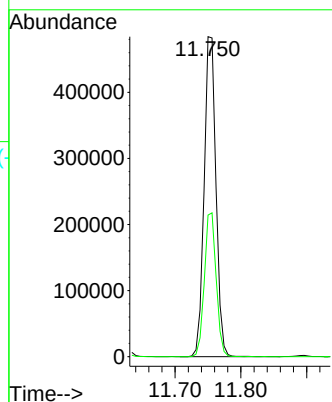
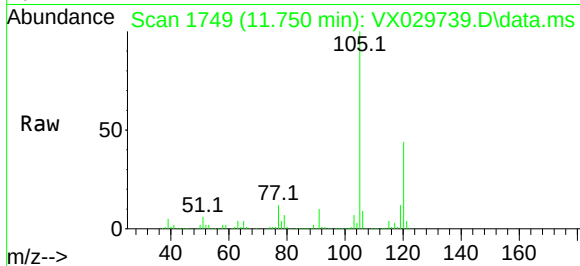




#84
1,2,4-Trimethylbenzene
Concen: 52.293 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Instrument :
MSVOA_X
ClientSampleId :
MW-15

Tgt Ion:105 Resp: 606625
Ion Ratio Lower Upper
105 100
120 44.8 22.6 67.8



#95
Naphthalene
Concen: 20.441 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX029739.D
Acq: 23 Jun 2022 13:21

Tgt Ion:128 Resp: 264112
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.2 8.7 13.1

