

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023290.D
 Acq On : 14 Jul 2021 19:30
 Operator : JC/MD
 Sample : M3021-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31455

Quant Time: Jul 15 04:30:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

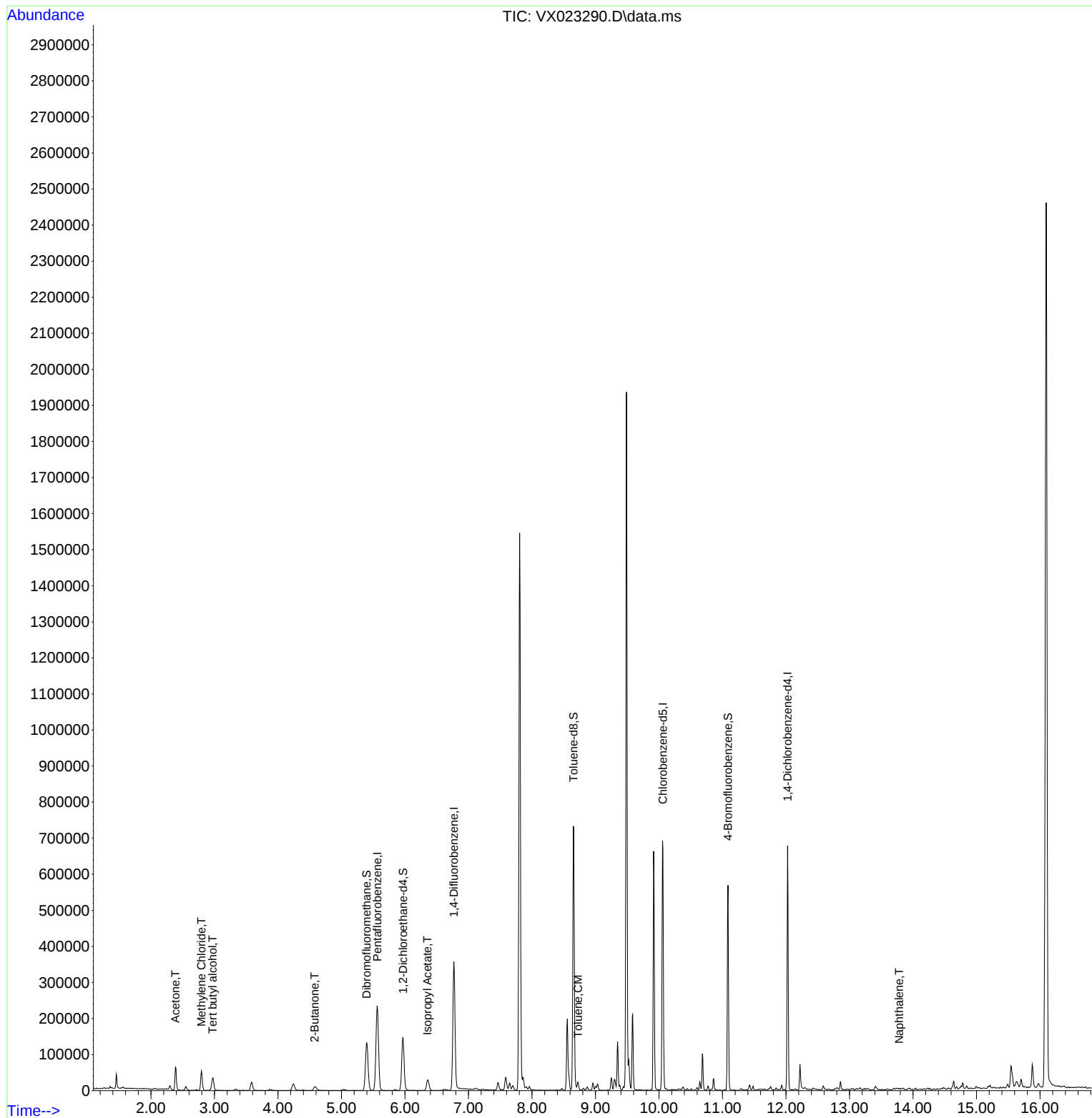
Internal Standards						
1) Pentafluorobenzene	5.562	168	219379	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	316495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	150500	51.044	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.080%		
35) Dibromofluoromethane	5.397	113	115471	49.699	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.400%		
50) Toluene-d8	8.653	98	427752	49.355	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.720%		
62) 4-Bromofluorobenzene	11.085	95	152534	45.589	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.180%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	41432	66.796	ug/l	97
16) Acetone	2.386	43	67389	57.770	ug/l	90
20) Methylene Chloride	2.794	84	24195	9.634	ug/l	89
25) 2-Butanone	4.574	43	11531	6.555	ug/l #	83
43) Isopropyl Acetate	6.355	43	31965	5.492	ug/l #	90
52) Toluene	8.726	92	6918	1.148	ug/l	99
95) Naphthalene	13.780	128	2281	1.494	ug/l #	92

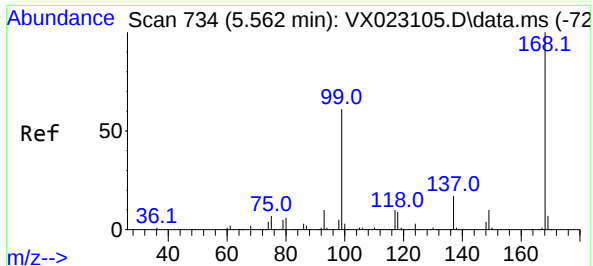
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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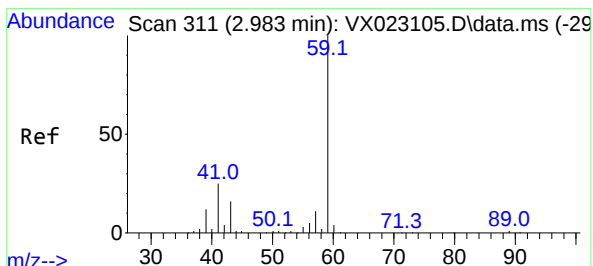
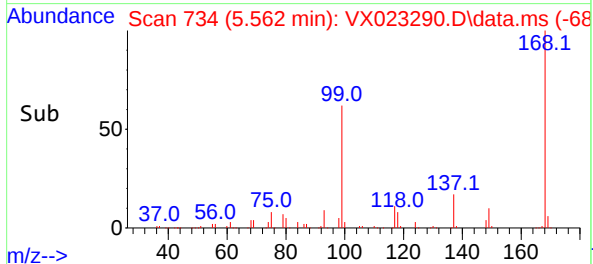
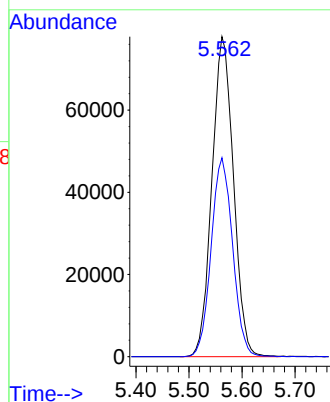
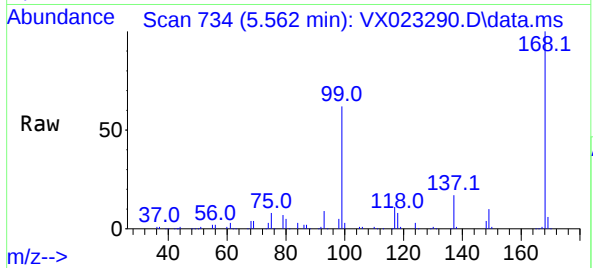




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

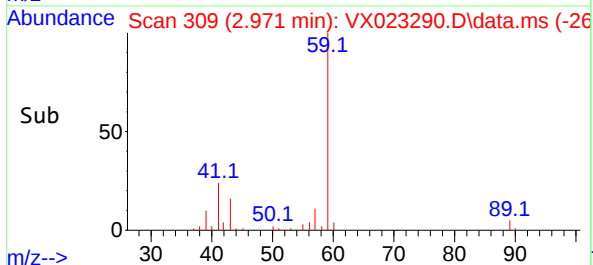
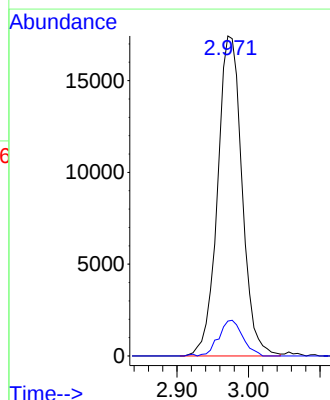
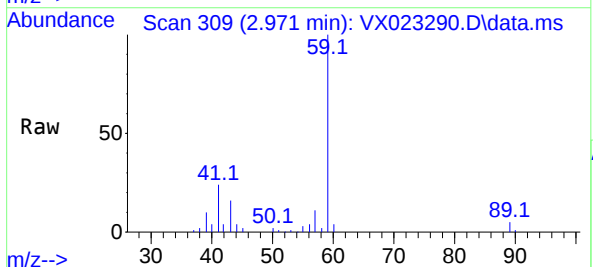
Instrument :
MSVOA_X
ClientSampleId :
31455

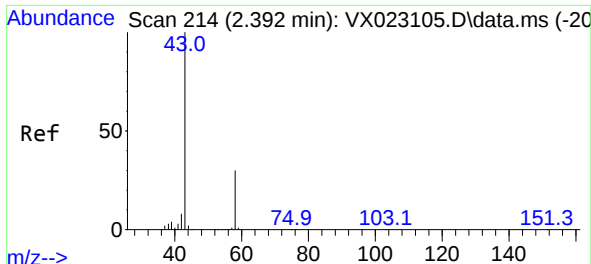
Tgt Ion:168 Resp: 219379
Ion Ratio Lower Upper
168 100
99 62.1 45.8 68.6



#11
Tert butyl alcohol
Concen: 66.796 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion: 59 Resp: 41432
Ion Ratio Lower Upper
59 100
57 10.9 7.8 11.8

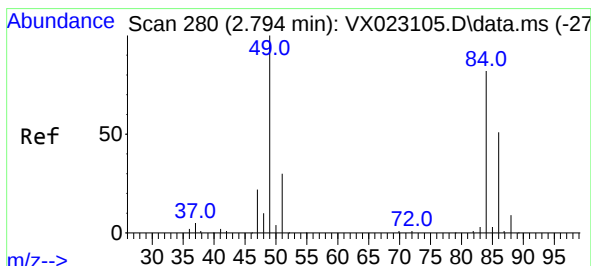
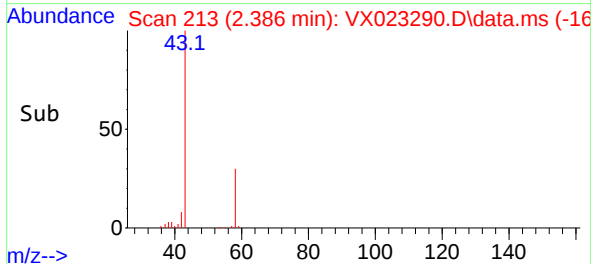
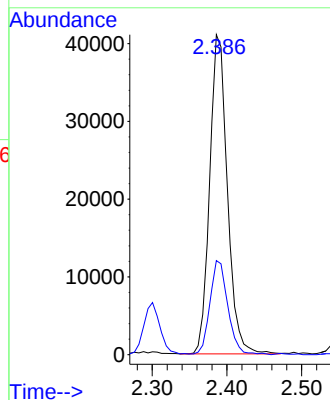
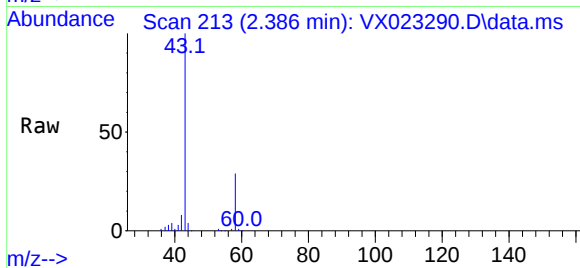




#16
Acetone
Concen: 57.770 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

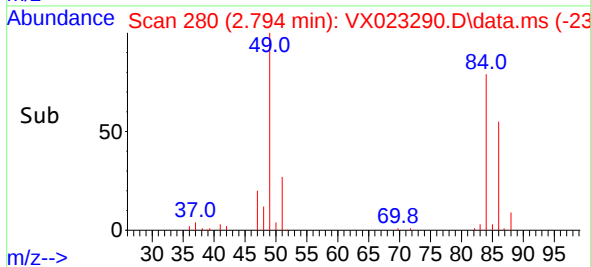
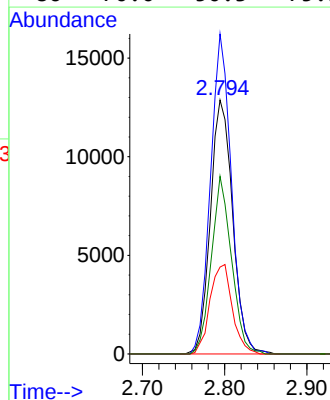
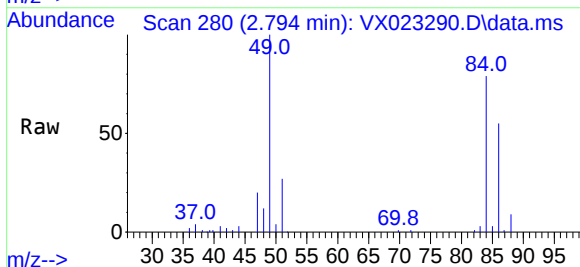
Instrument :
MSVOA_X
ClientSampleId :
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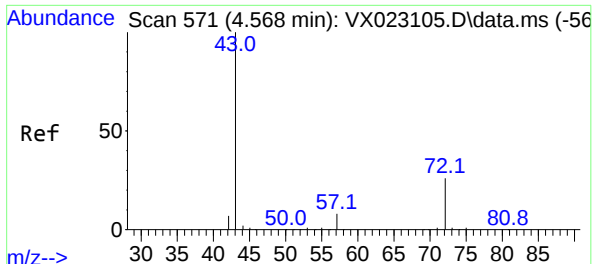
Tgt Ion: 43 Resp: 67389
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#20
Methylene Chloride
Concen: 9.634 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion: 84 Resp: 24195
Ion Ratio Lower Upper
84 100
49 126.1 88.6 132.8
51 34.3 27.0 40.6
86 70.0 50.3 75.5

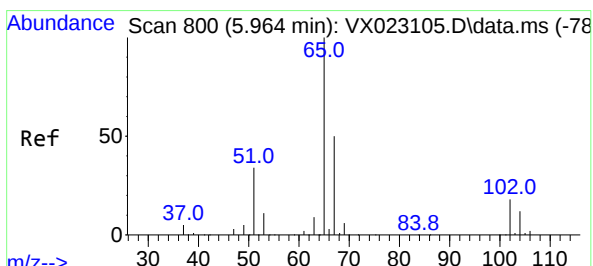
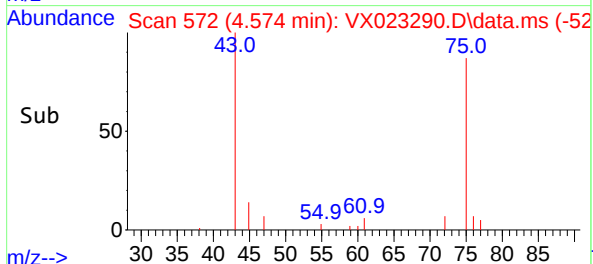
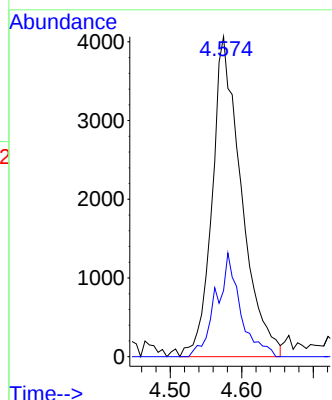
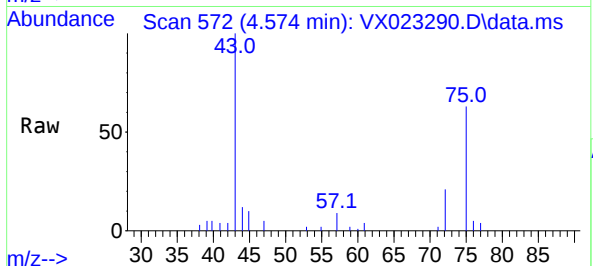




#25
2-Butanone
Concen: 6.555 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

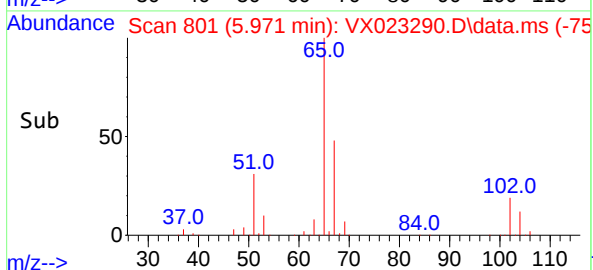
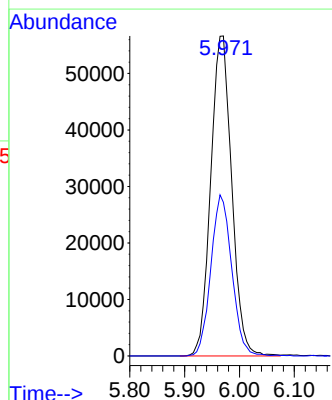
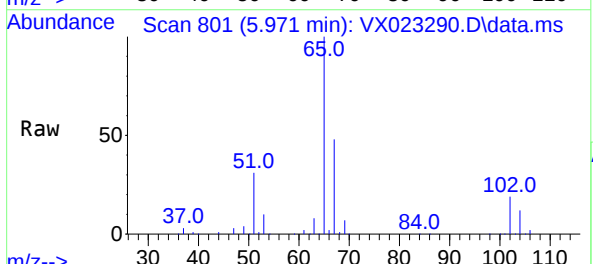
Instrument :
MSVOA_X
ClientSampled :
31455

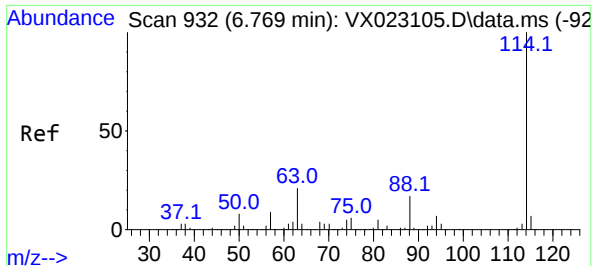
Tgt Ion: 43 Resp: 11531
Ion Ratio Lower Upper
43 100
72 20.6 23.7 35.5#



#33
1,2-Dichloroethane-d4
Concen: 51.044 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion: 65 Resp: 150500
Ion Ratio Lower Upper
65 100
67 50.1 0.0 105.4

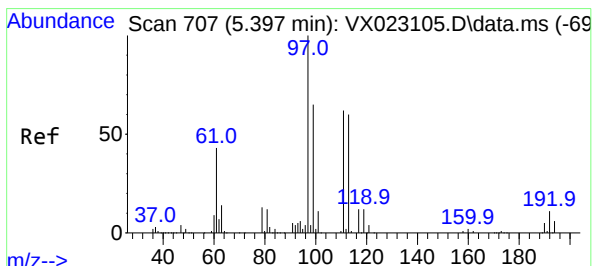
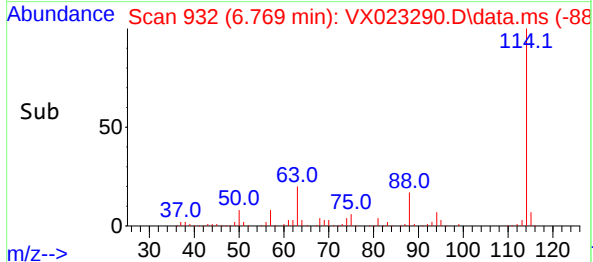
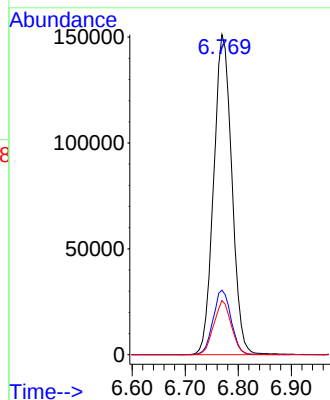
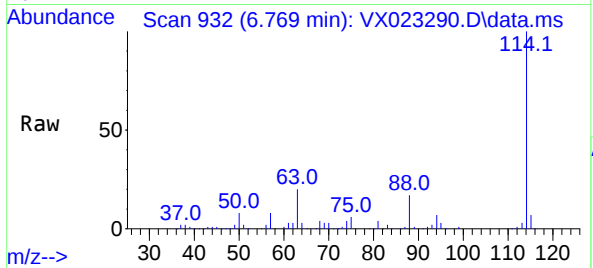




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

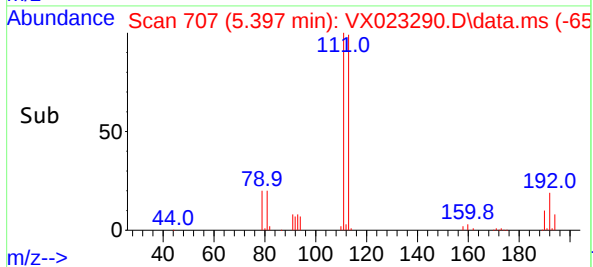
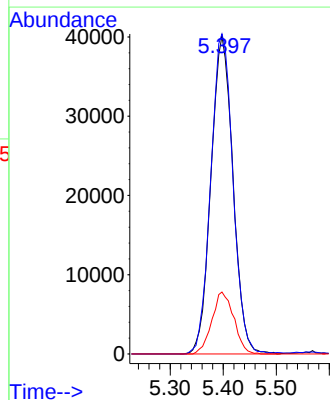
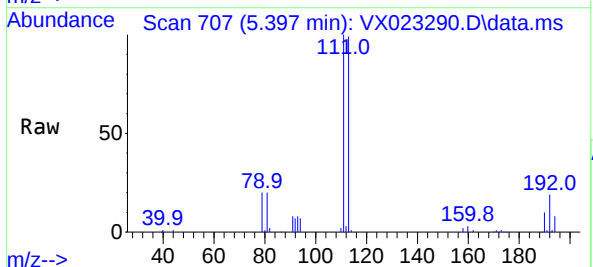
Instrument :
MSVOA_X
ClientSampleId :
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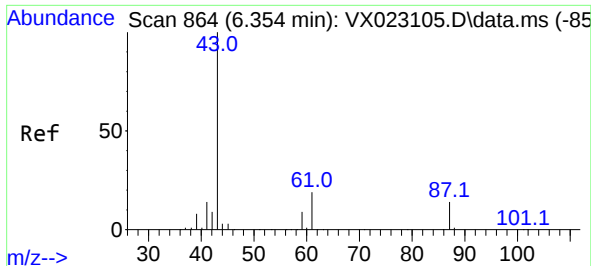
Tgt Ion:114 Resp: 359792
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.699 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion:113 Resp: 115471
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 19.4 16.7 25.1

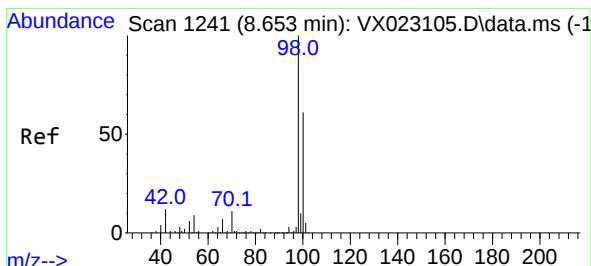
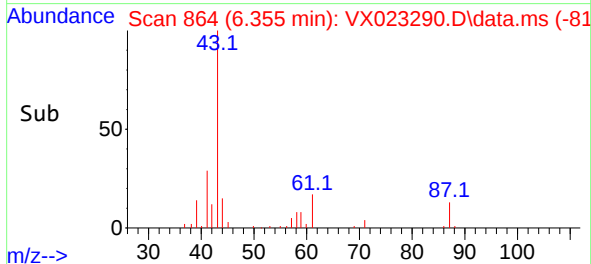
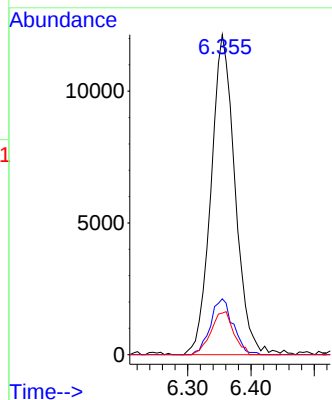
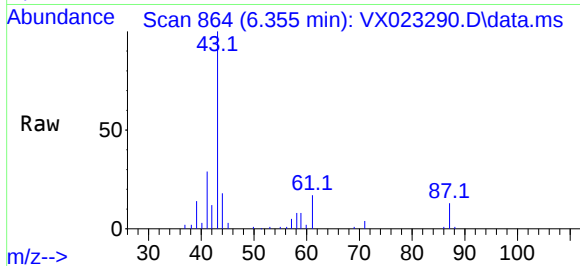




#43
Isopropyl Acetate
Concen: 5.492 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.001 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

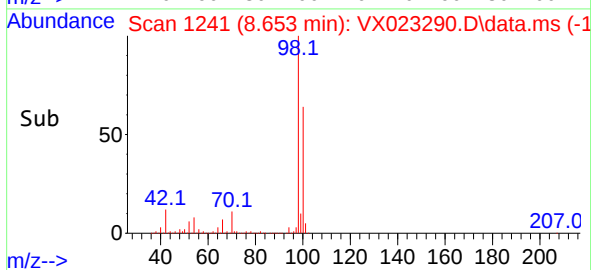
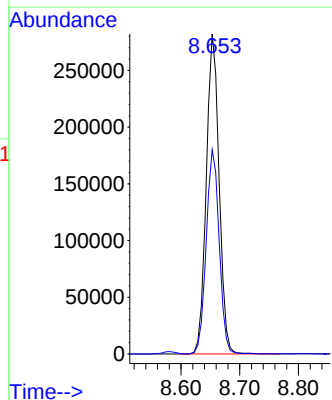
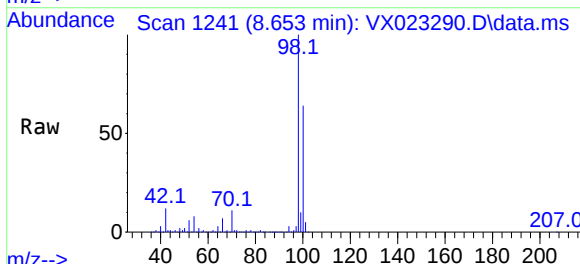
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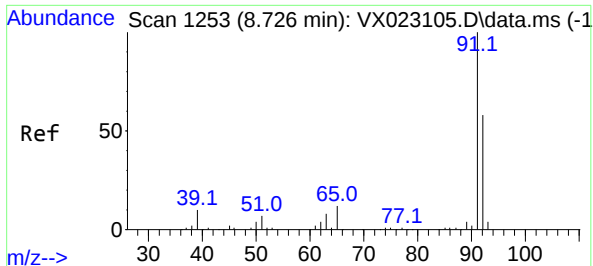
Tgt Ion: 43 Resp: 31965
Ion Ratio Lower Upper
43 100
61 16.6 18.2 27.4#
87 12.7 12.5 18.7



#50
Toluene-d8
Concen: 49.355 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion: 98 Resp: 427752
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

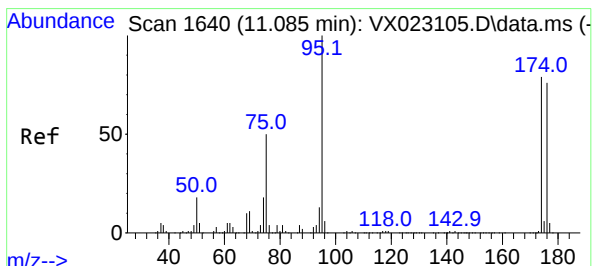
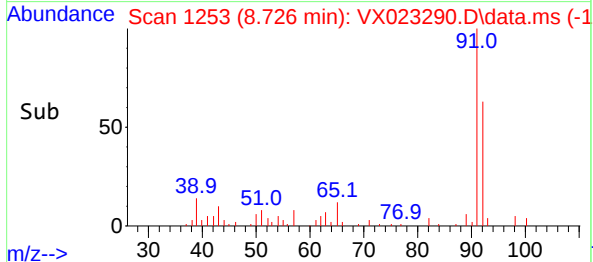
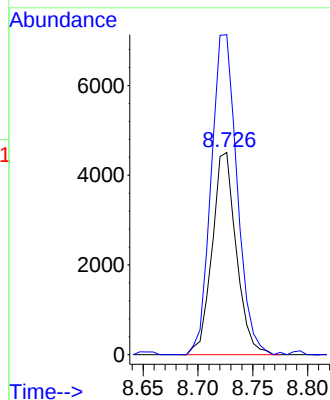
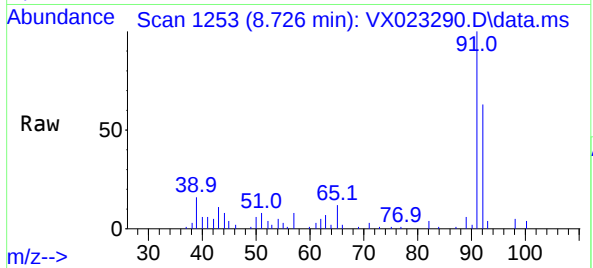




#52
Toluene
Concen: 1.148 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

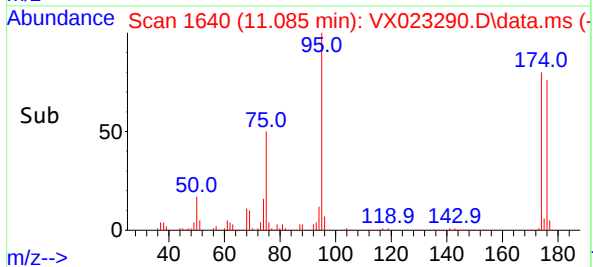
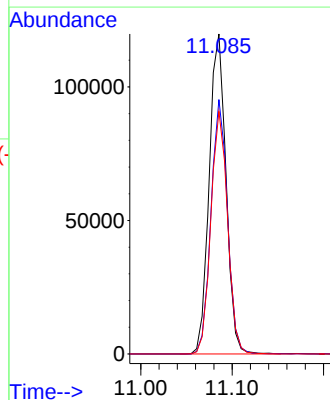
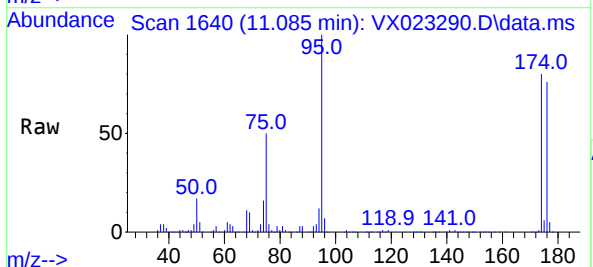
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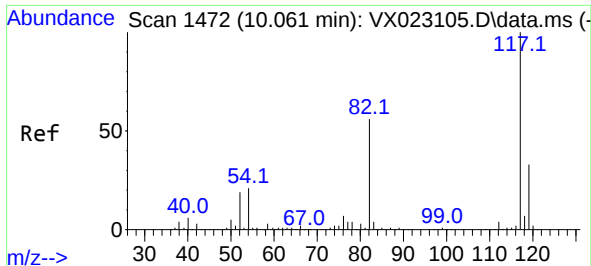
Tgt Ion: 92 Resp: 6918
Ion Ratio Lower Upper
92 100
91 169.7 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 45.589 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion: 95 Resp: 152534
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 75.4 0.0 155.8

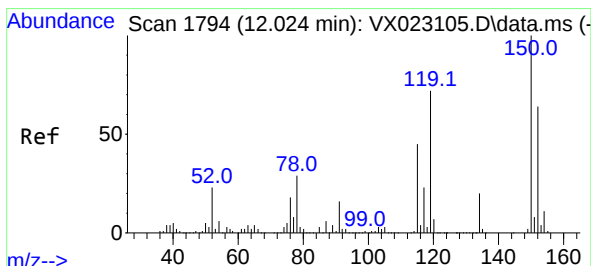
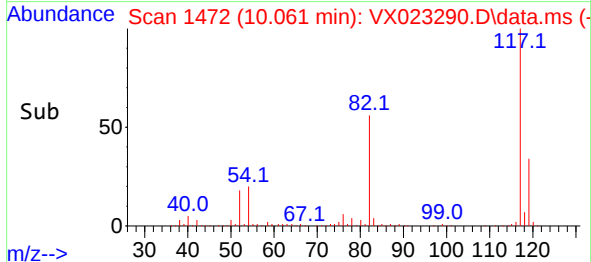
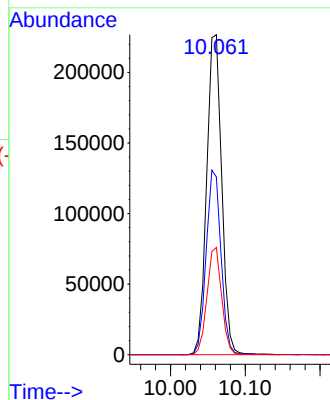
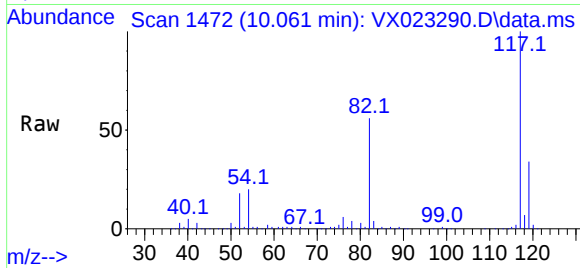




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

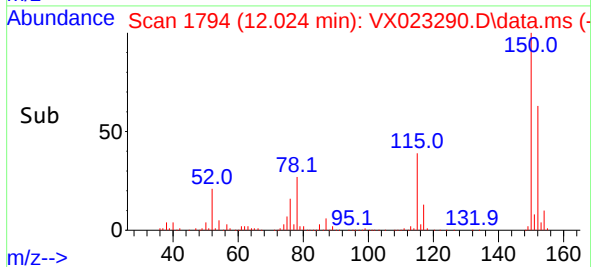
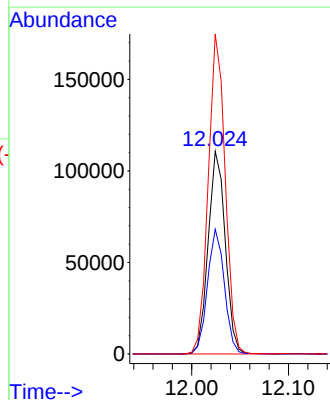
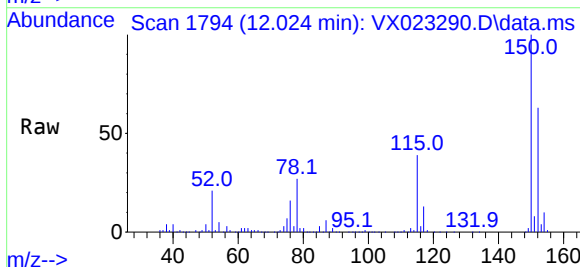
Instrument :
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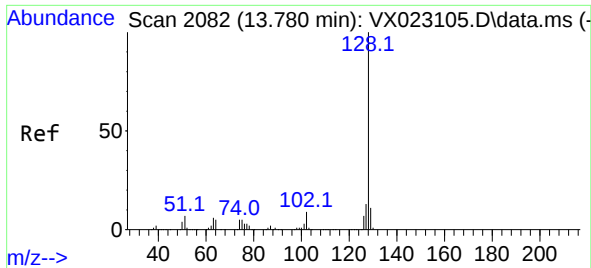
Tgt Ion:117 Resp: 316495
Ion Ratio Lower Upper
117 100
82 55.5 47.4 71.2
119 33.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Tgt Ion:152 Resp: 136409
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 156.2 0.0 349.0





#95
Naphthalene
Concen: 1.494 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX023290.D
Acq: 14 Jul 2021 19:30

Instrument :
MSVOA_X
ClientSampleId :
31455

Tgt Ion:	128	Resp:	2281
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	15.6	8.8	13.2#

