

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071421\
 Data File : VX023284.D
 Acq On : 14 Jul 2021 17:09
 Operator : JC/MD
 Sample : M3021-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31456

Quant Time: Jul 15 04:29:04 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)

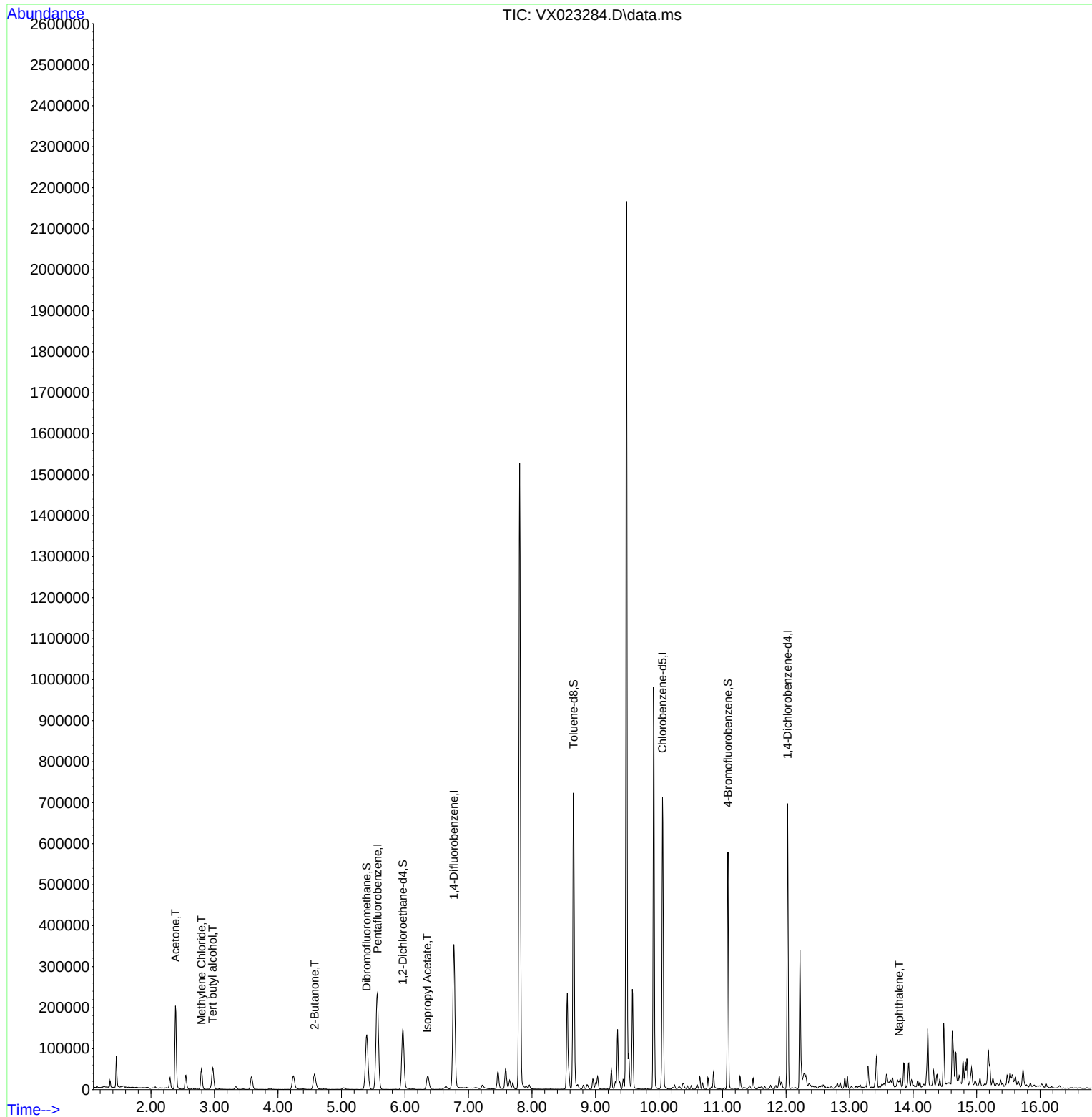
Internal Standards						
1) Pentafluorobenzene	5.568	168	219141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	359043	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	150273	51.022	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.040%		
35) Dibromofluoromethane	5.397	113	114810	49.518	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.040%		
50) Toluene-d8	8.653	98	426197	49.279	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 98.560%		
62) 4-Bromofluorobenzene	11.085	95	152796	45.762	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 91.520%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.971	59	60327	97.364	ug/l	98
16) Acetone	2.386	43	212480	182.350	ug/l	91
20) Methylene Chloride	2.794	84	22585	9.002	ug/l	97
25) 2-Butanone	4.574	43	57242	32.577	ug/l	99
43) Isopropyl Acetate	6.348	43	33806	5.821	ug/l #	90
95) Naphthalene	13.780	128	7569	2.003	ug/l #	90

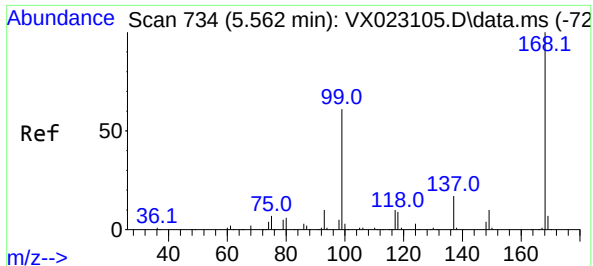
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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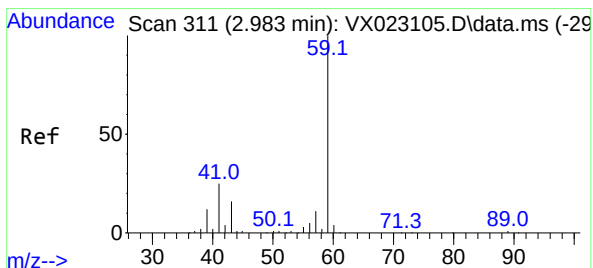
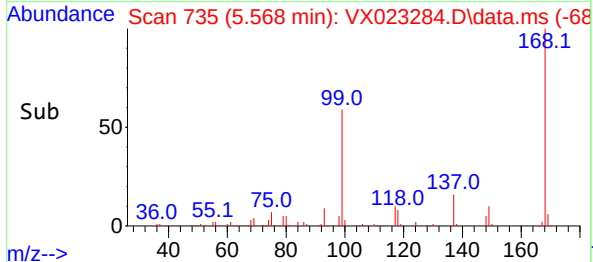
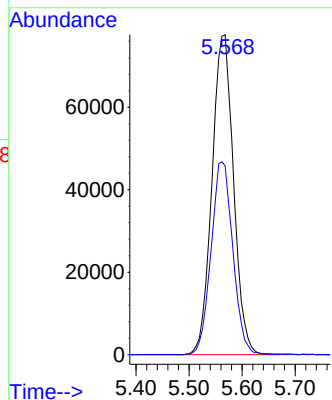
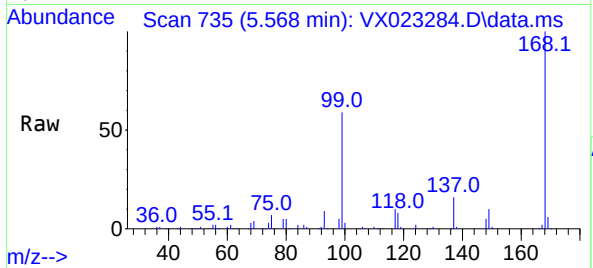




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

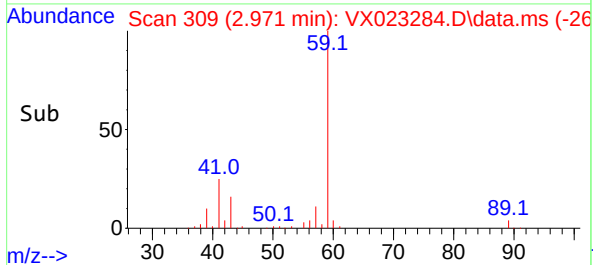
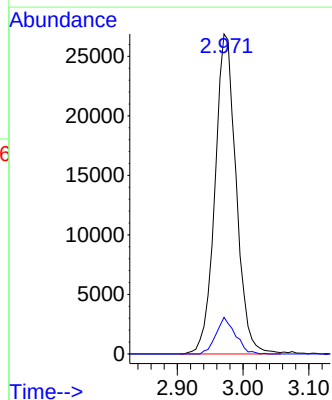
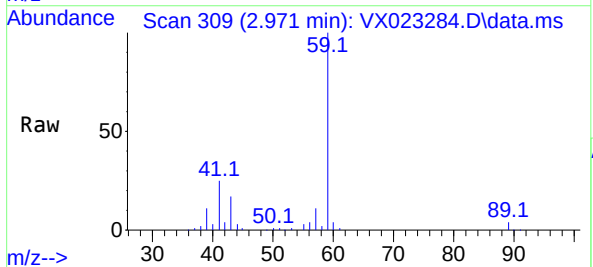
Instrument :
MSVOA_X
ClientSampled :
31456

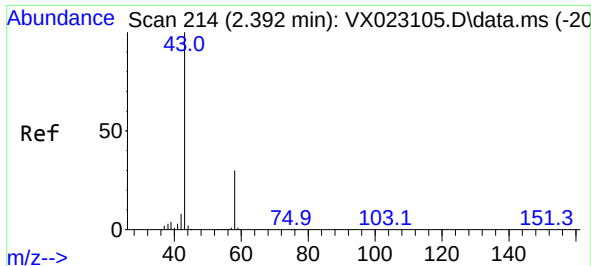
Tgt Ion:168 Resp: 219141
Ion Ratio Lower Upper
168 100
99 58.9 45.8 68.6



#11
Tert butyl alcohol
Concen: 97.364 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 59 Resp: 60327
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8

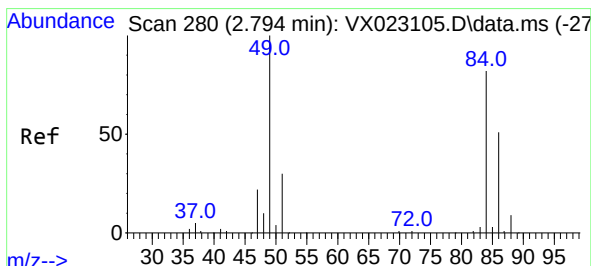
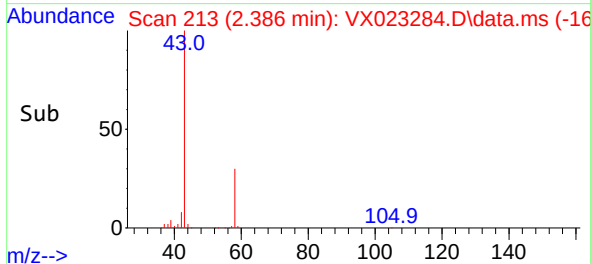
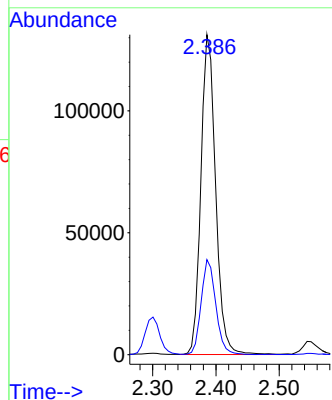
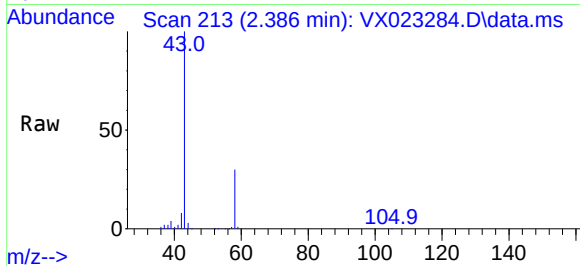




#16
Acetone
Concen: 182.350 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

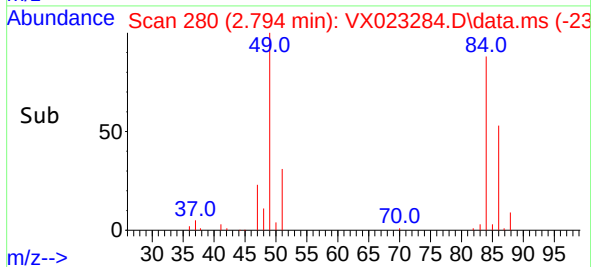
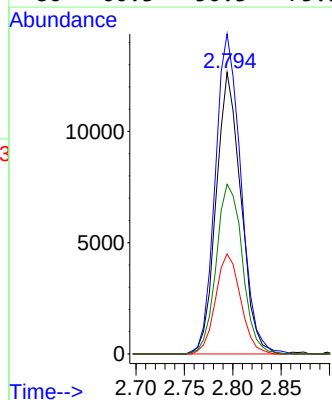
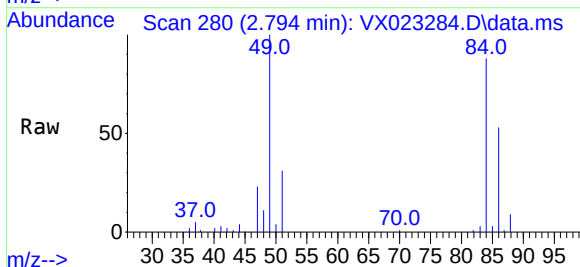
Instrument :
MSVOA_X
ClientSampled :
31456

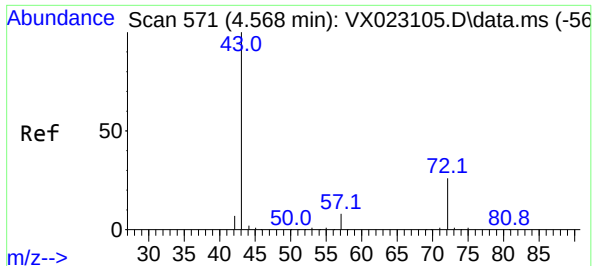
Tgt Ion: 43 Resp: 212480
Ion Ratio Lower Upper
43 100
58 29.7 27.8 41.8



#20
Methylene Chloride
Concen: 9.002 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 84 Resp: 22585
Ion Ratio Lower Upper
84 100
49 113.7 88.6 132.8
51 35.5 27.0 40.6
86 60.3 50.3 75.5

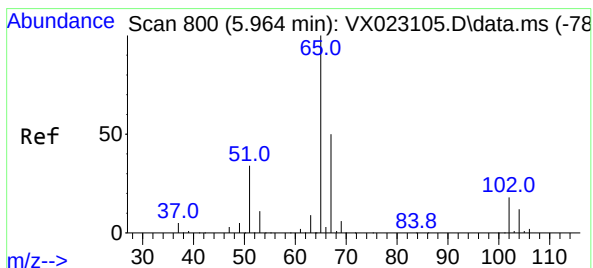
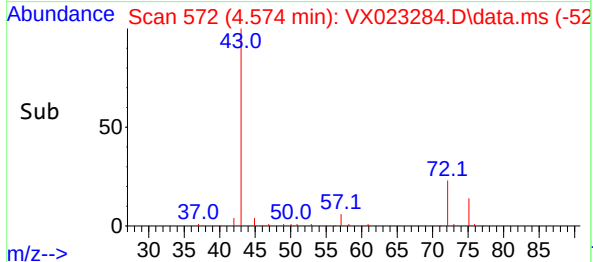
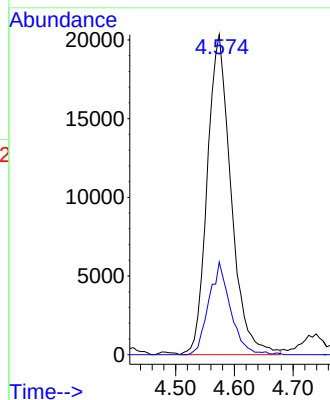
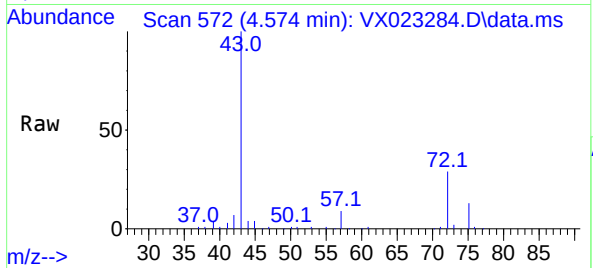




#25
2-Butanone
Concen: 32.577 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

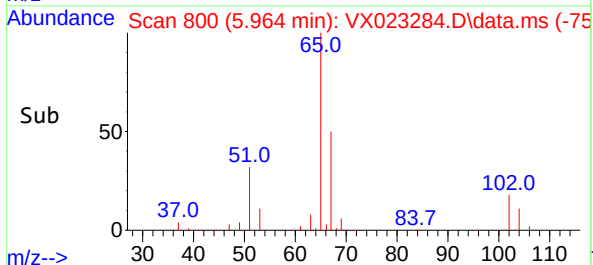
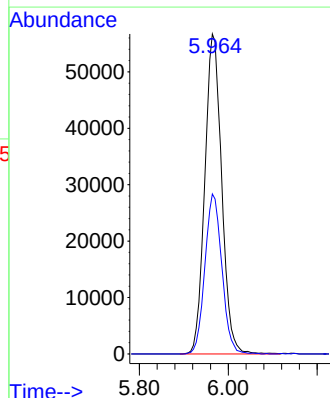
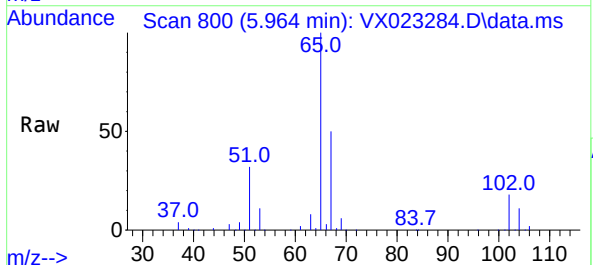
Instrument :
MSVOA_X
ClientSampled :
31456

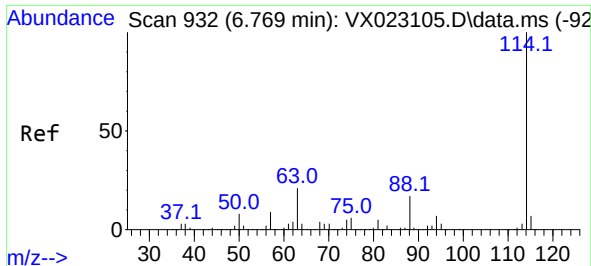
Tgt Ion: 43 Resp: 57242
Ion Ratio Lower Upper
43 100
72 29.0 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 51.022 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 65 Resp: 150273
Ion Ratio Lower Upper
65 100
67 50.2 0.0 105.4

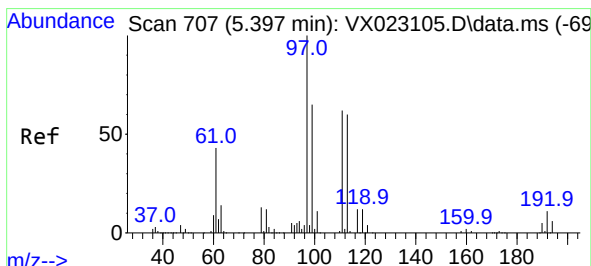
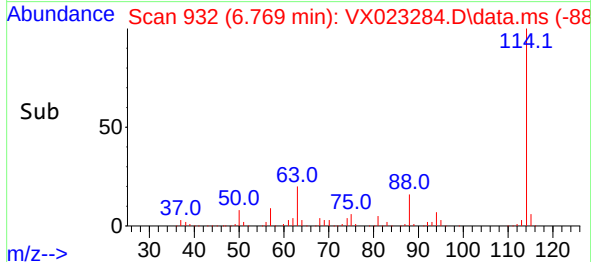
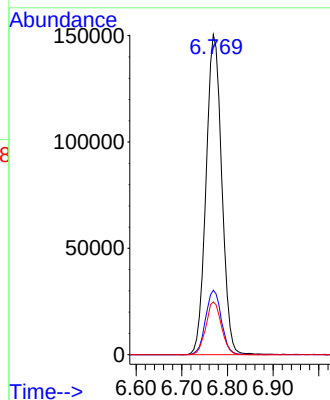
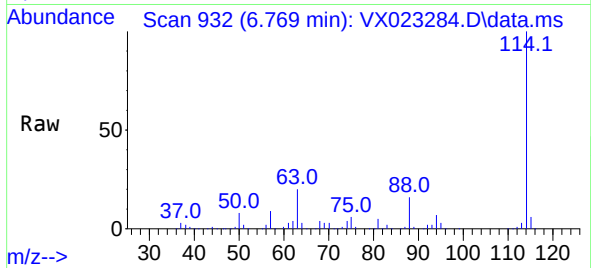




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

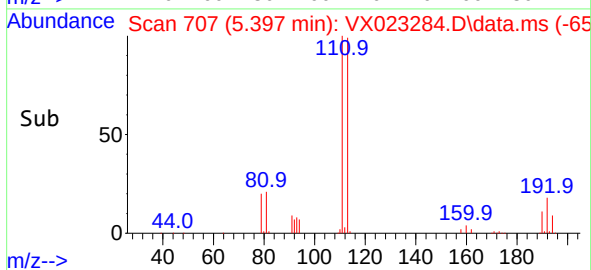
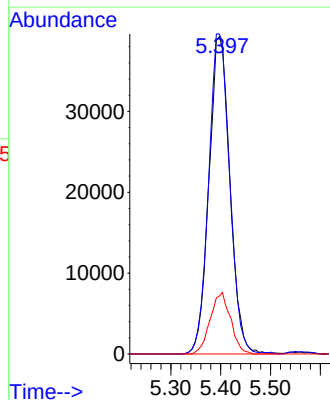
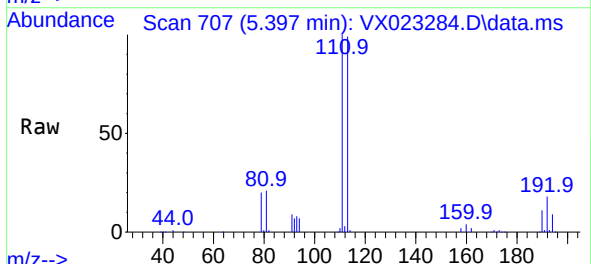
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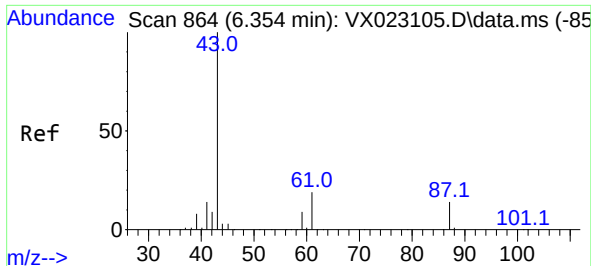
Tgt Ion:114 Resp: 359043
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.518 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:113 Resp: 114810
Ion Ratio Lower Upper
113 100
111 101.1 81.9 122.9
192 18.8 16.7 25.1

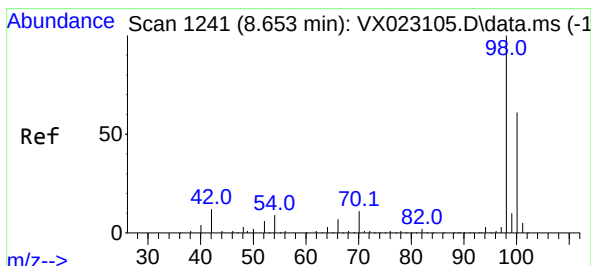
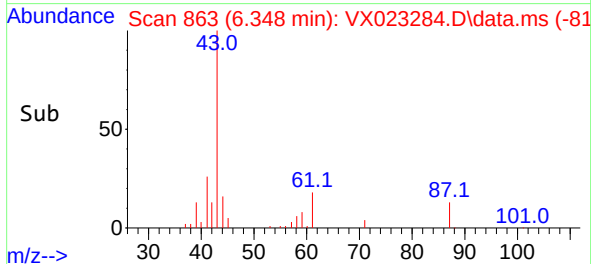
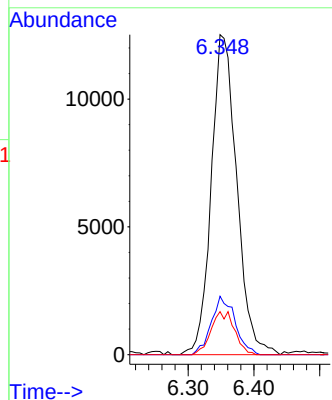
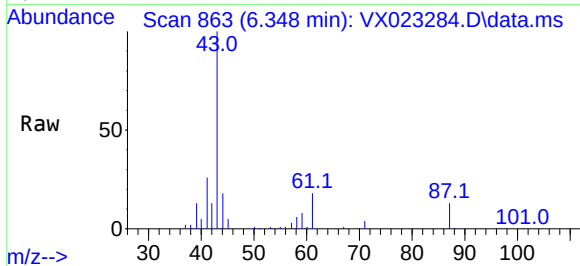




#43
Isopropyl Acetate
Concen: 5.821 ug/l
RT: 6.348 min Scan# 863
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

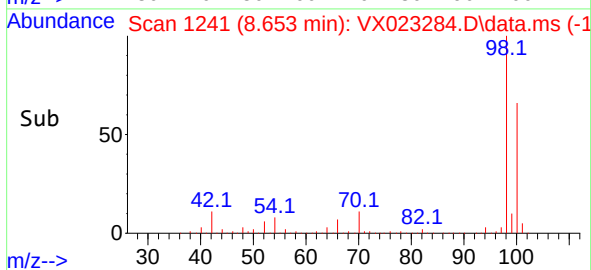
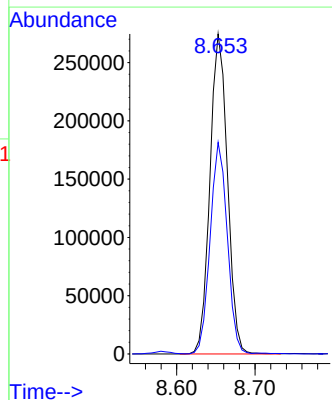
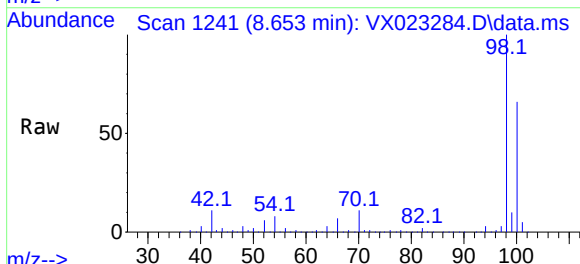
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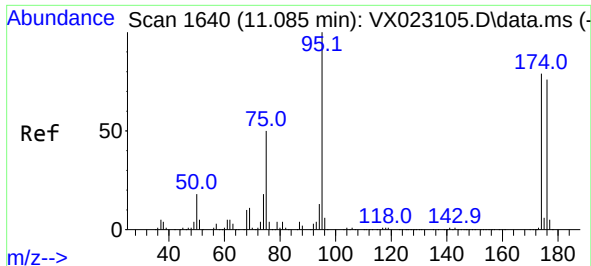
Tgt Ion:	43	Resp:	33806
Ion	Ratio	Lower	Upper
43	100		
61	17.0	18.2	27.4#
87	12.4	12.5	18.7#



#50
Toluene-d8
Concen: 49.279 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:	98	Resp:	426197
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

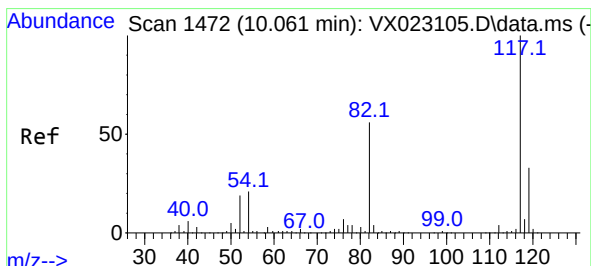
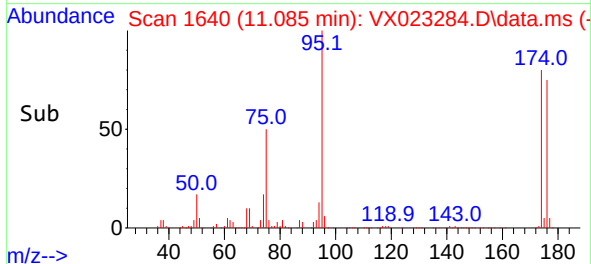
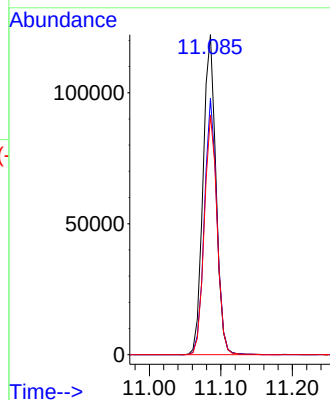
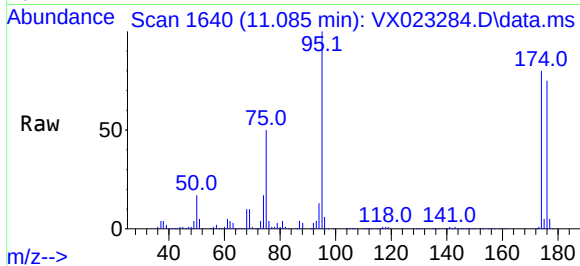




#62
4-Bromofluorobenzene
Concen: 45.762 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

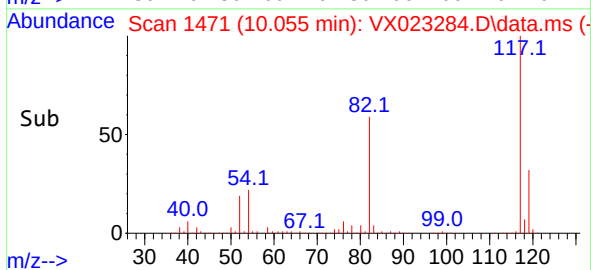
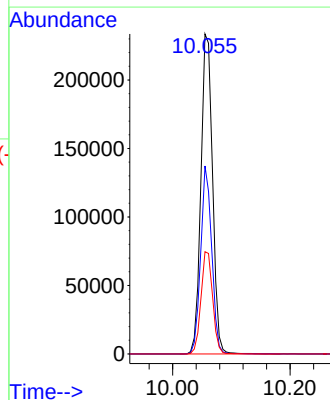
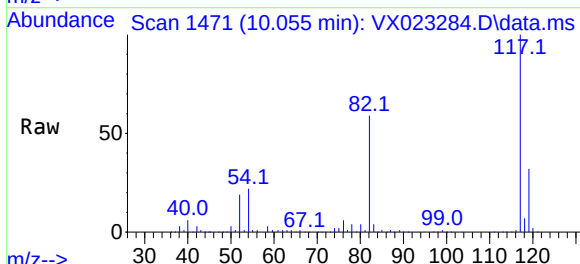
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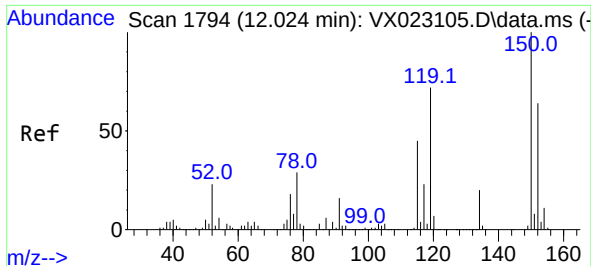
Tgt Ion: 95 Resp: 152796
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 74.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion: 117 Resp: 321778
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.9 26.6 39.8

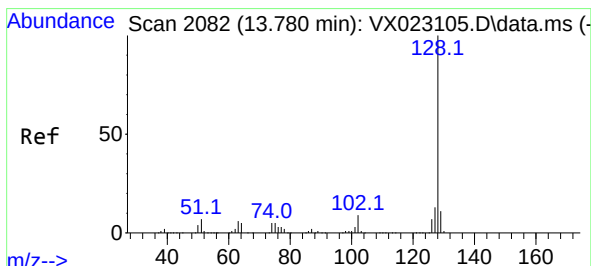
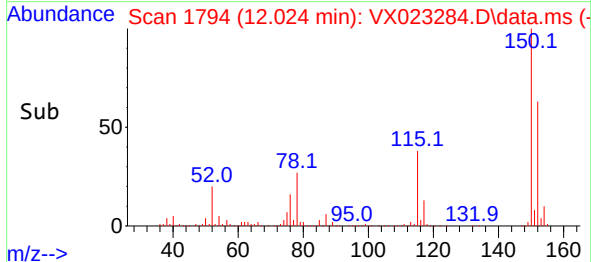
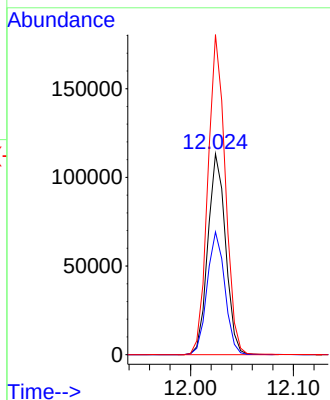
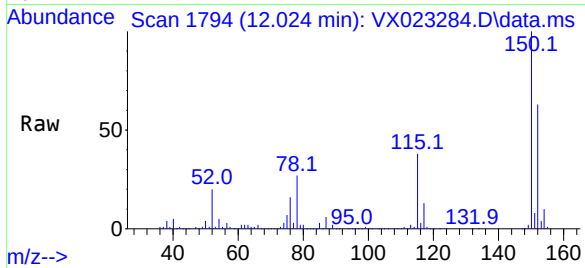




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Instrument :
MSVOA_X
ClientSampled :
31456

Tgt Ion:152 Resp: 135791
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 156.8 0.0 349.0



#95
Naphthalene
Concen: 2.003 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023284.D
Acq: 14 Jul 2021 17:09

Tgt Ion:128 Resp: 7569
Ion Ratio Lower Upper
128 100
127 17.5 10.3 15.5#
129 14.5 8.8 13.2#

