

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032723\
 Data File : VX034752.D
 Acq On : 27 Mar 2023 16:12
 Operator : JC/MD
 Sample : 02101-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032423

Quant Time: Mar 28 03:20:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

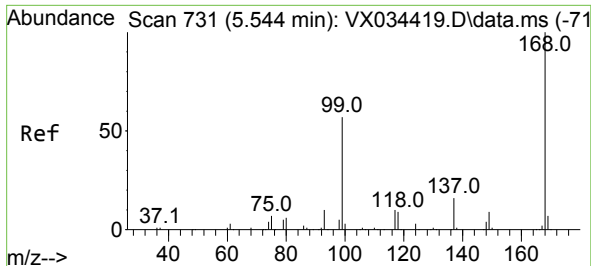
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	247611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	416004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	185445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	164860	45.766	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.540%
35) Dibromofluoromethane	5.385	113	130658	47.570	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.140%
50) Toluene-d8	8.647	98	557475	54.370	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.740%
62) 4-Bromofluorobenzene	11.079	95	219974	53.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.220%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	894	Below Cal	#	66
16) Acetone	2.398	43	1539	0.907	ug/l #	81
20) Methylene Chloride	2.794	84	877	0.266	ug/l #	71
31) Cyclohexane	5.550	56	5714	1.131	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	20375	4.830	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25902	6.172	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	3119	0.689	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	120535	28.308	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	120535	76.581	ug/l #	8

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

Quant Time: Mar 28 03:20:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

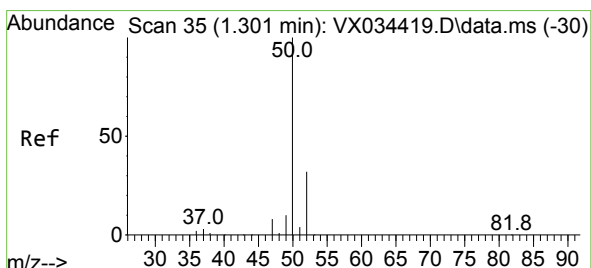
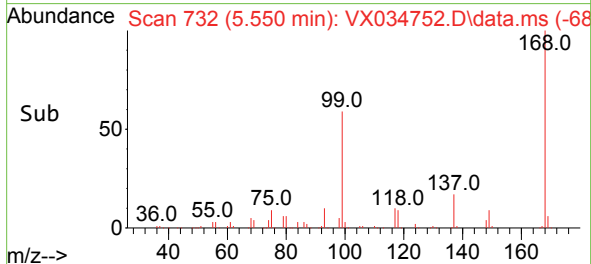
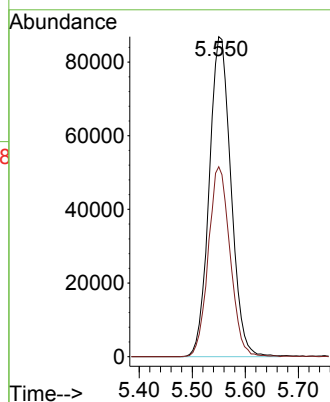
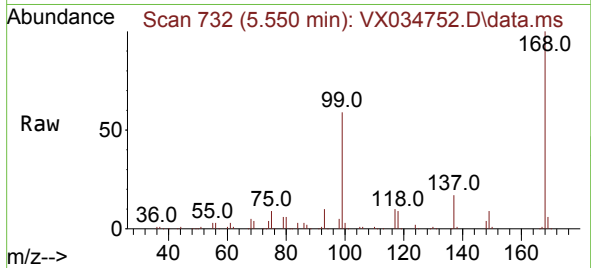




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

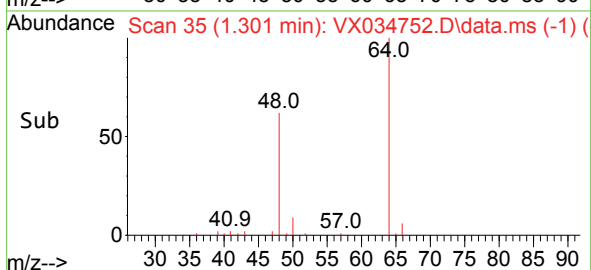
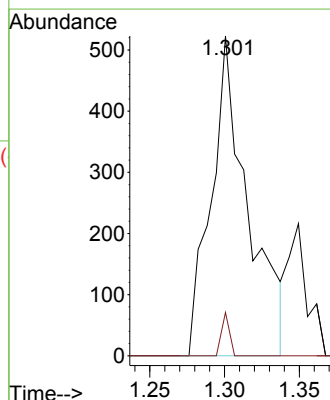
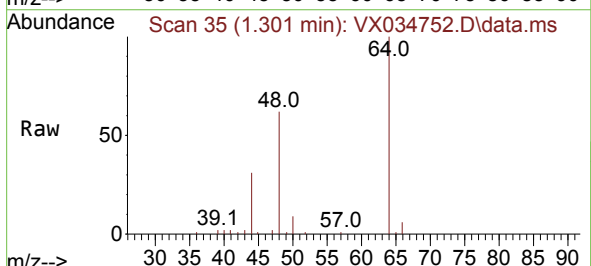
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032423

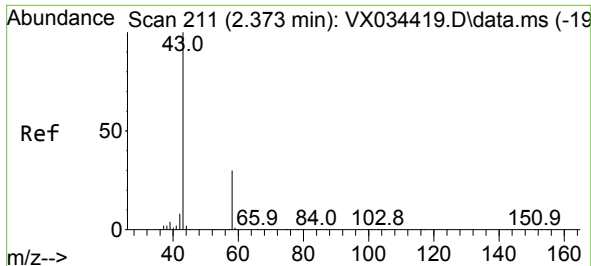
Tgt Ion:168 Resp: 247611
Ion Ratio Lower Upper
168 100
99 59.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion: 50 Resp: 894
Ion Ratio Lower Upper
50 100
52 13.6 25.9 38.9

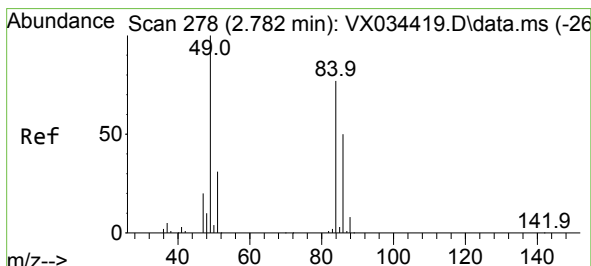
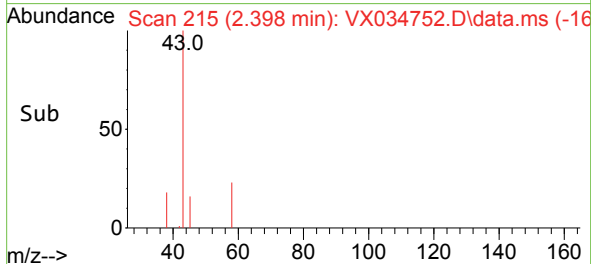
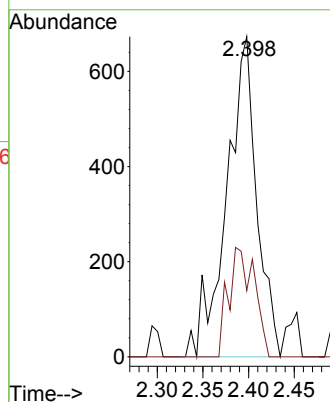
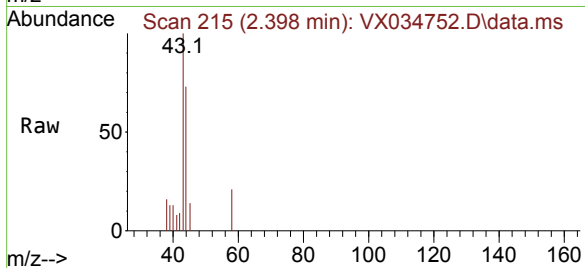




#16
Acetone
Concen: 0.907 ug/l
RT: 2.398 min Scan# 211
Delta R.T. 0.024 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

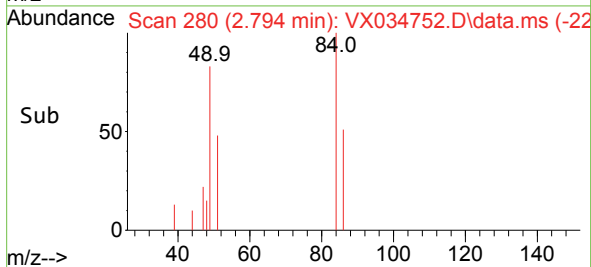
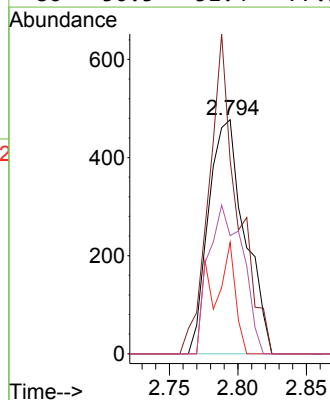
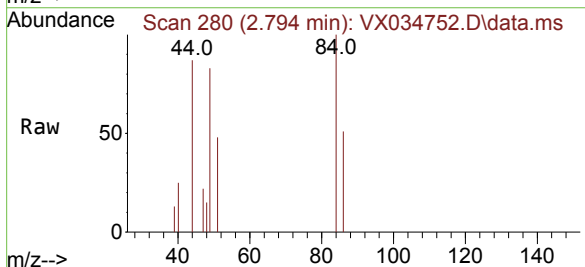
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ClientSampleId :
TB-01-032423

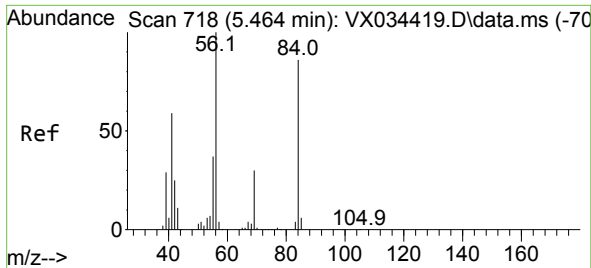
Tgt Ion: 43 Resp: 1539
Ion Ratio Lower Upper
43 100
58 20.7 24.7 37.1#



#20
Methylene Chloride
Concen: 0.266 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion: 84 Resp: 877
Ion Ratio Lower Upper
84 100
49 82.8 103.8 155.8#
51 47.6 31.8 47.8
86 50.5 51.4 77.2#

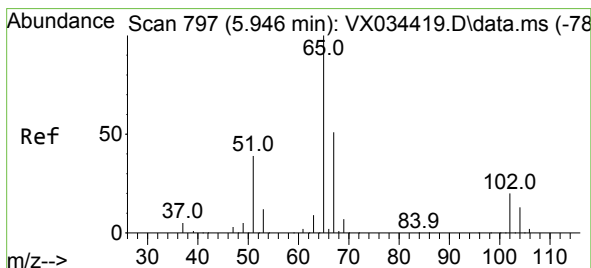
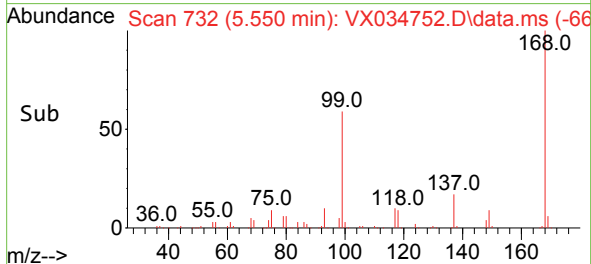
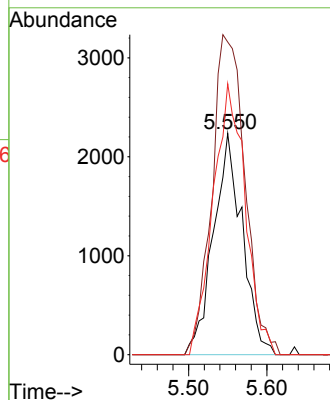
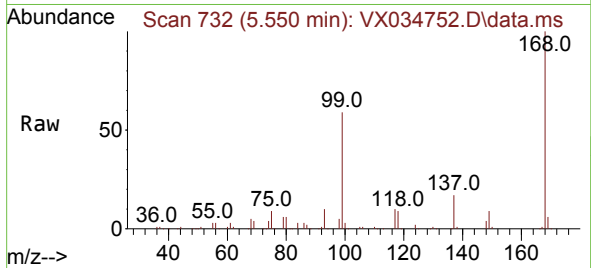




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

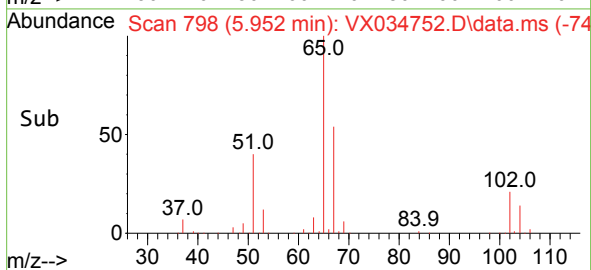
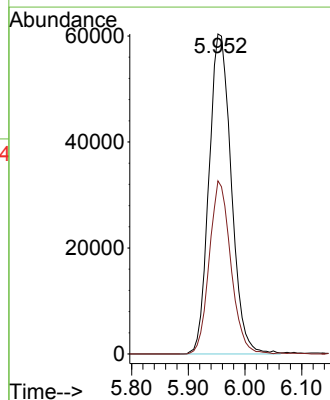
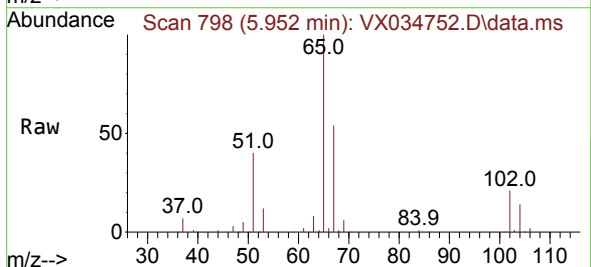
Instrument :
MSVOA_X
ClientSampleId :
TB-01-032423

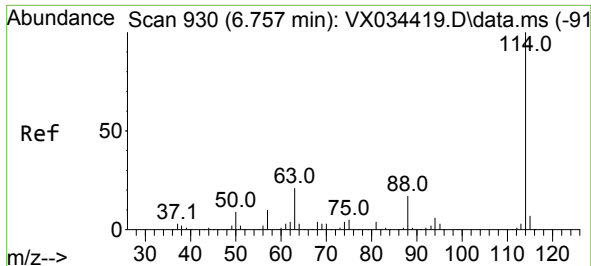
Tgt Ion: 56 Resp: 5714
Ion Ratio Lower Upper
56 100
69 141.3 23.7 35.5#
84 122.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 45.766 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion: 65 Resp: 164860
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.0

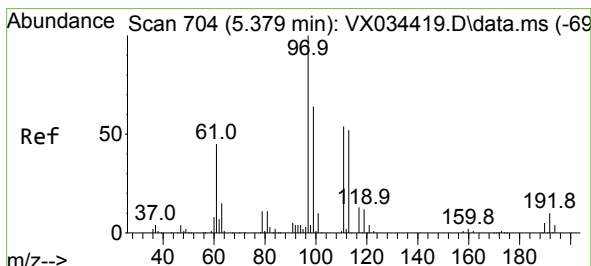
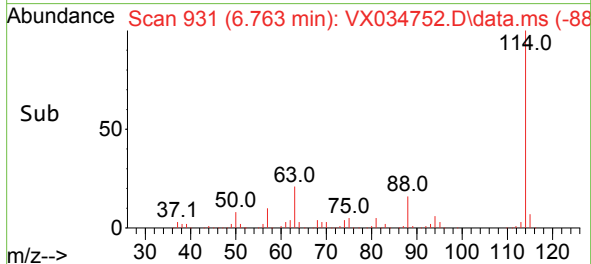
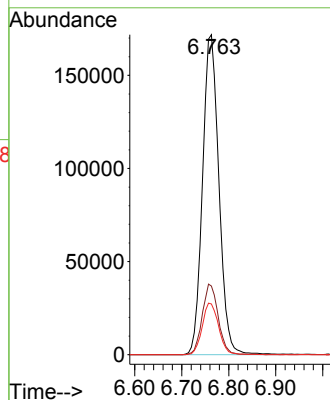
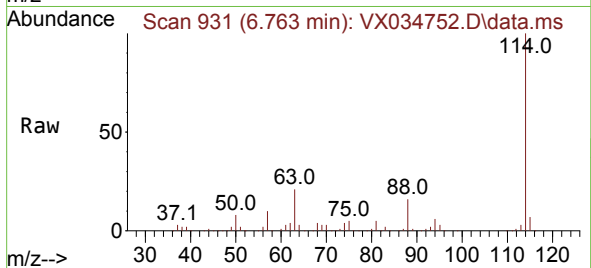




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

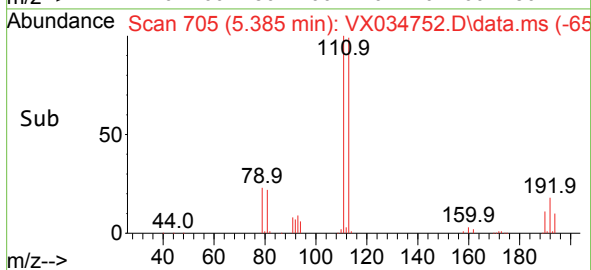
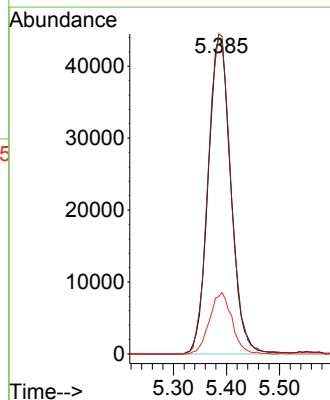
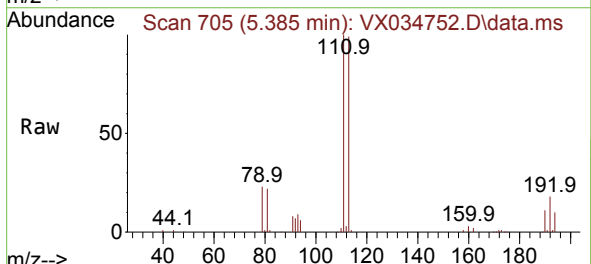
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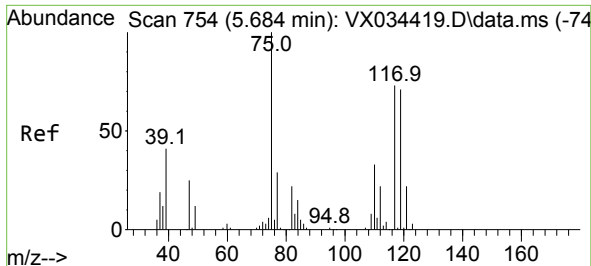
Tgt Ion:114 Resp: 416004
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.570 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion:113 Resp: 130658
Ion Ratio Lower Upper
113 100
111 101.7 83.7 125.5
192 19.3 15.4 23.2

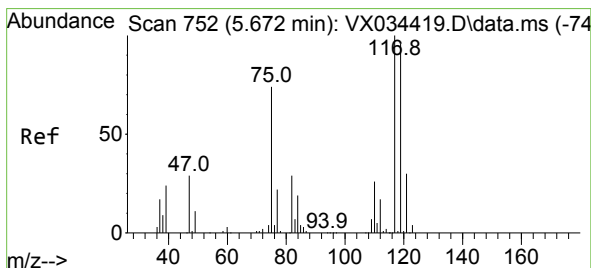
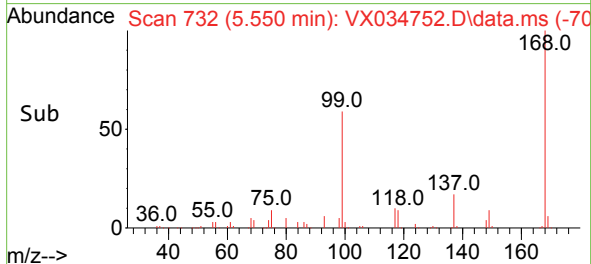
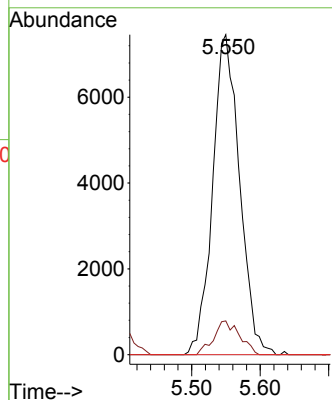
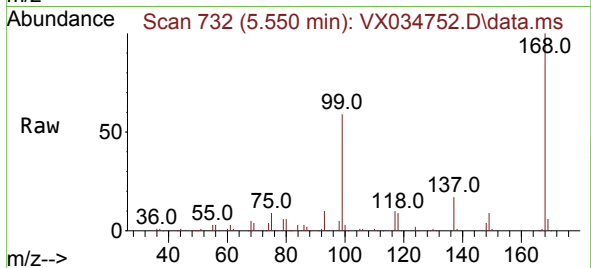




#36
1,1-Dichloropropene
Concen: 4.830 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

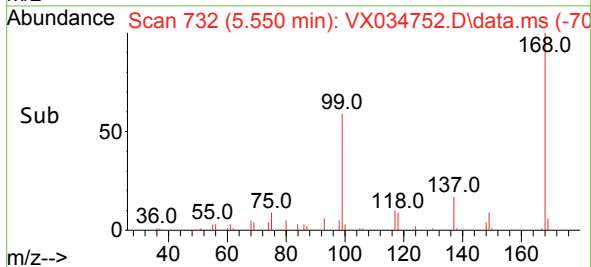
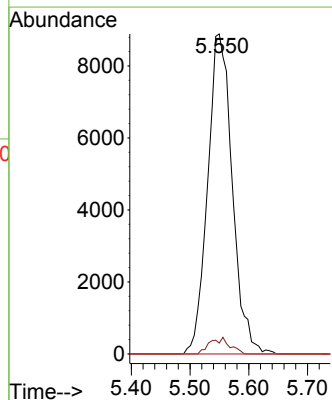
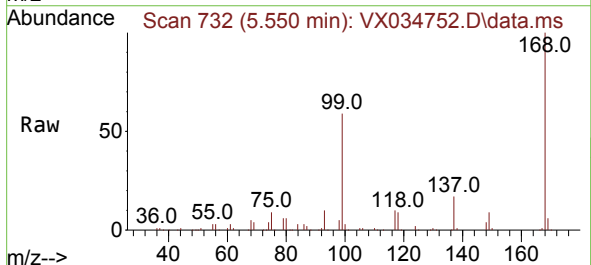
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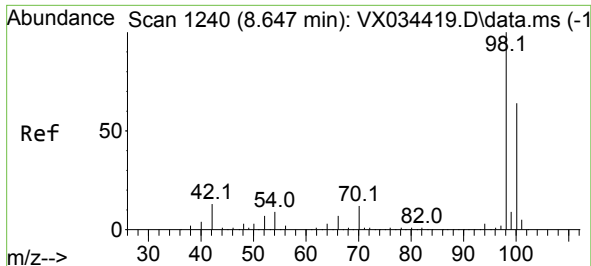
Tgt Ion: 75 Resp: 20375
Ion Ratio Lower Upper
75 100
110 10.1 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.172 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion: 117 Resp: 25902
Ion Ratio Lower Upper
117 100
119 3.4 76.6 114.8#
121 0.0 23.8 35.6#

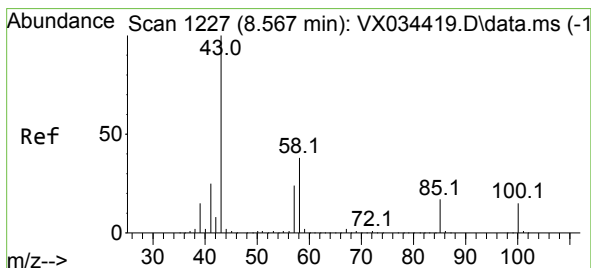
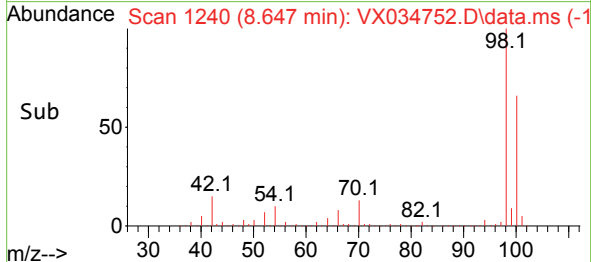
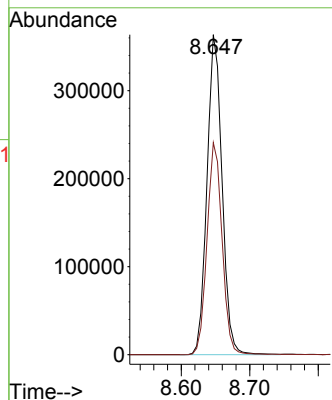
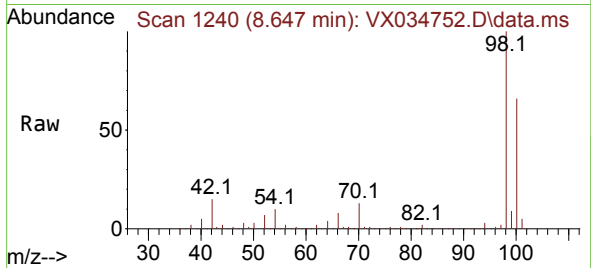




#50
Toluene-d8
Concen: 54.370 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

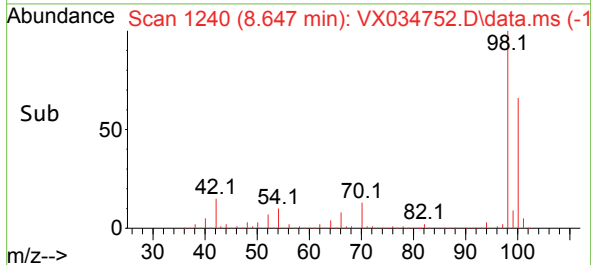
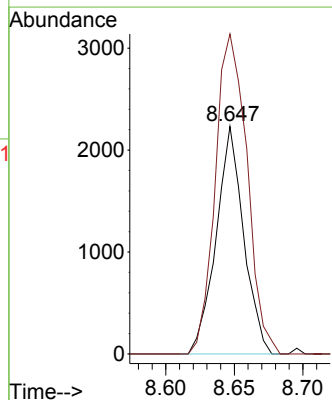
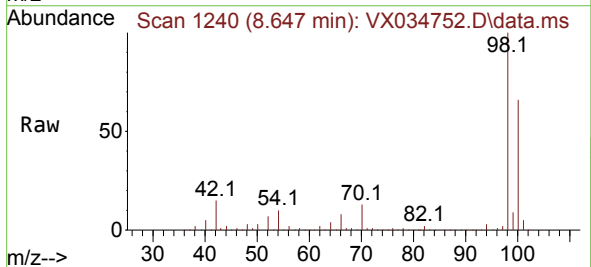
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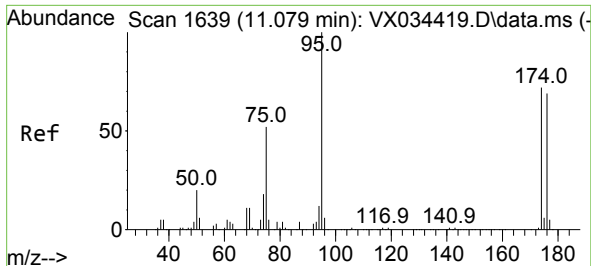
Tgt Ion: 98 Resp: 557475
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.689 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion: 43 Resp: 3119
Ion Ratio Lower Upper
43 100
58 162.0 30.6 46.0#

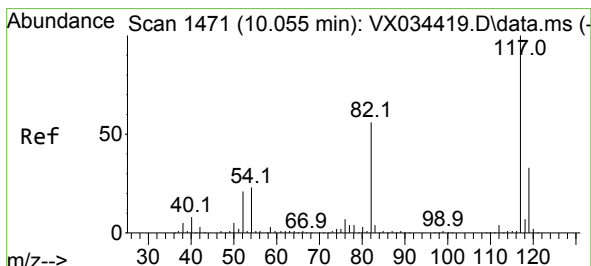
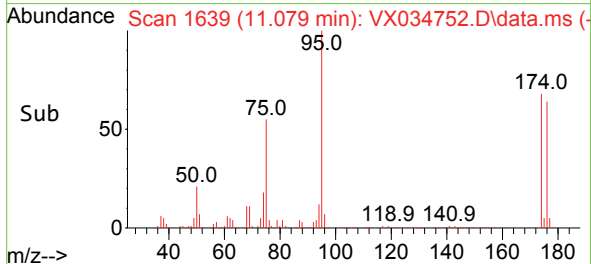
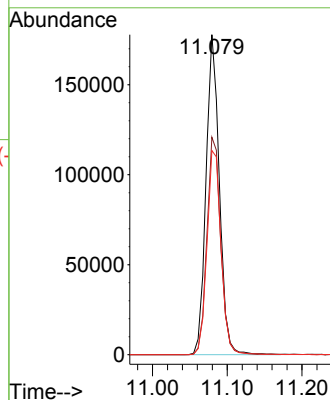
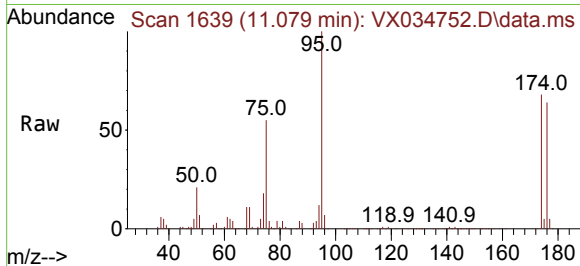




#62
4-Bromofluorobenzene
Concen: 53.113 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

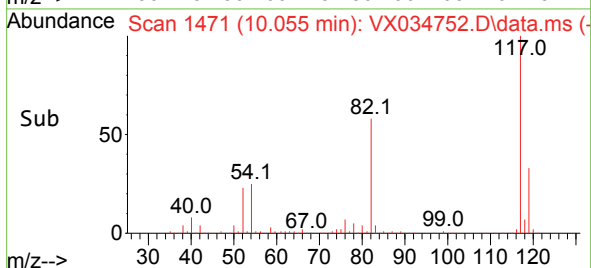
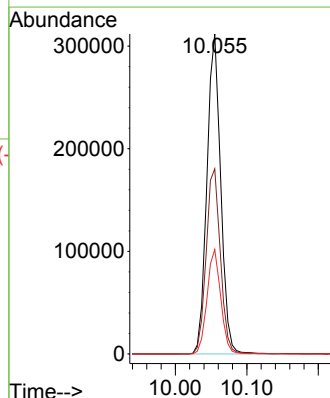
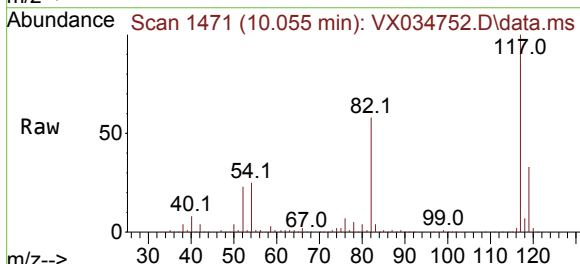
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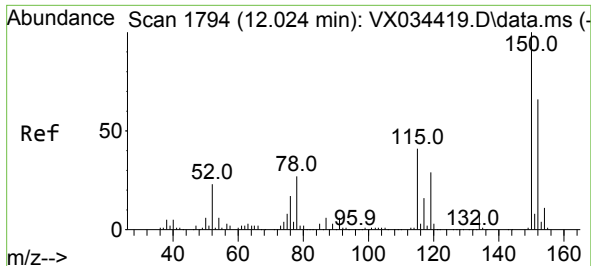
Tgt Ion: 95 Resp: 219974
Ion Ratio Lower Upper
95 100
174 70.3 0.0 147.4
176 67.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034752.D
Acq: 27 Mar 2023 16:12

Tgt Ion: 117 Resp: 418129
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.4
119 32.7 26.0 39.0

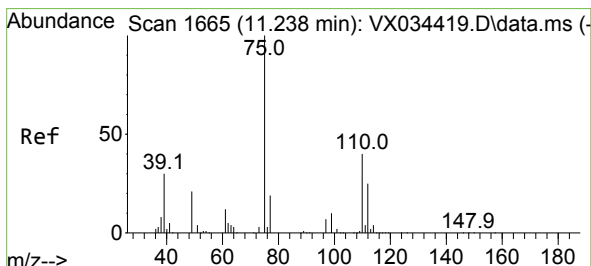
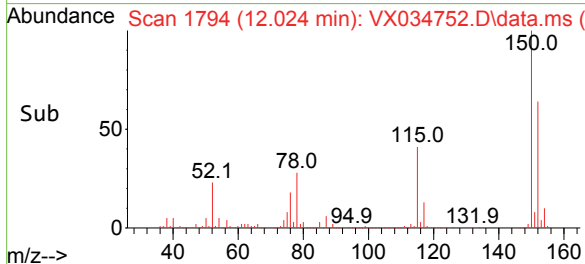
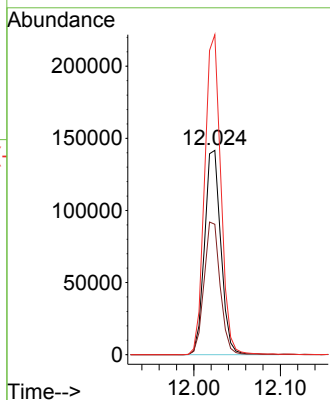
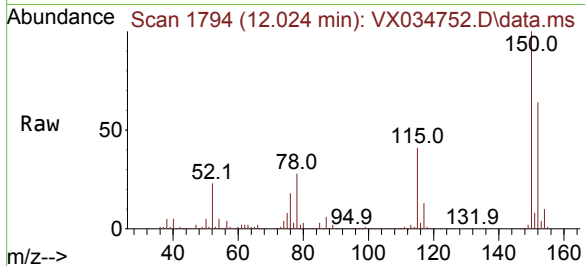




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034752.D
 Acq: 27 Mar 2023 16:12

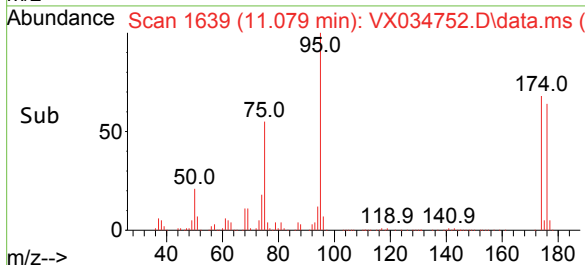
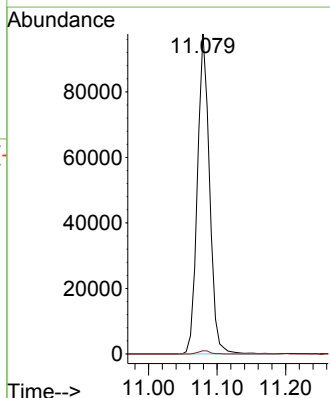
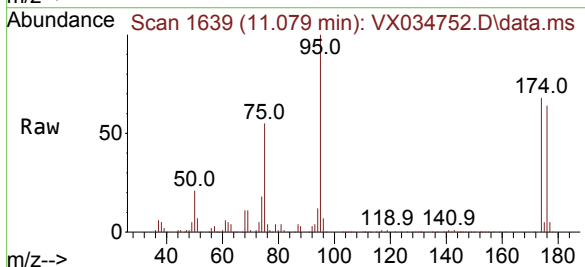
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032423

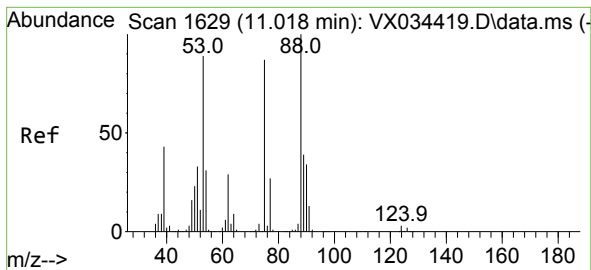
Tgt Ion:152 Resp: 185445
 Ion Ratio Lower Upper
 152 100
 115 64.5 45.0 135.0
 150 155.3 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 28.308 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX034752.D
 Acq: 27 Mar 2023 16:12

Tgt Ion: 75 Resp: 120535
 Ion Ratio Lower Upper
 75 100
 77 1.0 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.581 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034752.D
 Acq: 27 Mar 2023 16:12

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-032423

Tgt Ion: 75 Resp: 120535
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

