

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060221\
 Data File : VX022343.D
 Acq On : 02 Jun 2021 17:02
 Operator : JC/MD
 Sample : M2572-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20210528

Quant Time: Jun 03 02:22:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

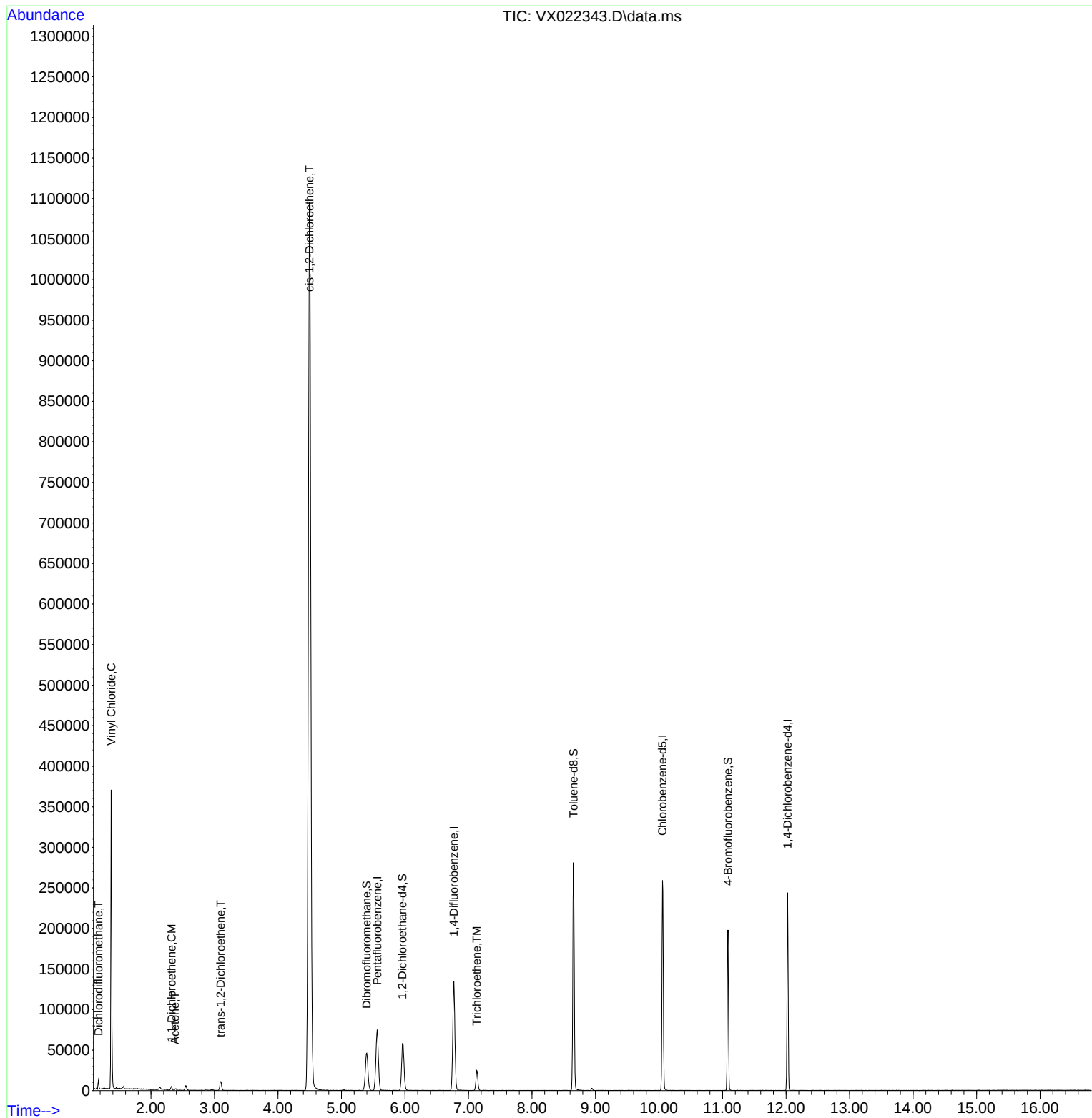
Internal Standards						
1) Pentafluorobenzene	5.562	168	62559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	132445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	53834	55.786	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	111.580%
35) Dibromofluoromethane	5.397	113	39935	47.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	8.653	98	161856	50.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.060%
62) 4-Bromofluorobenzene	11.085	95	55683	46.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	5463	7.183	ug/l	99
4) Vinyl Chloride	1.374	62	196510	226.374	ug/l	100
12) 1,1-Dichloroethene	2.325	96	1467	2.046	ug/l #	69
16) Acetone	2.380	43	2107	5.014	ug/l #	88
21) trans-1,2-Dichloroethene	3.099	96	4319	5.538	ug/l	92
27) cis-1,2-Dichloroethene	4.495	96	657055	692.775	ug/l	91
44) Trichloroethene	7.129	130	8662	9.250	ug/l	94

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

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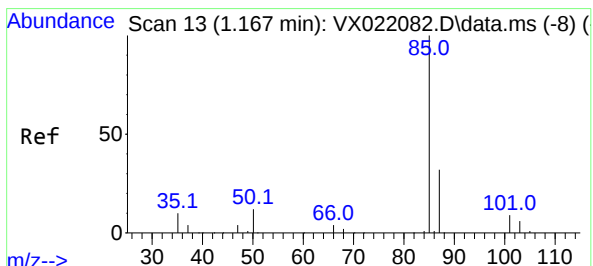
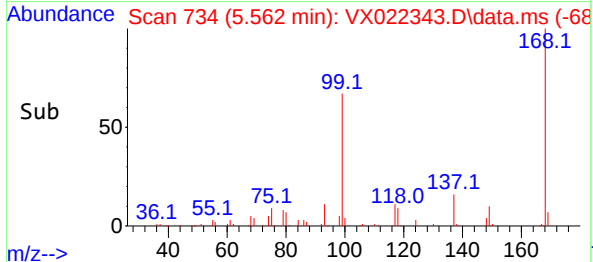
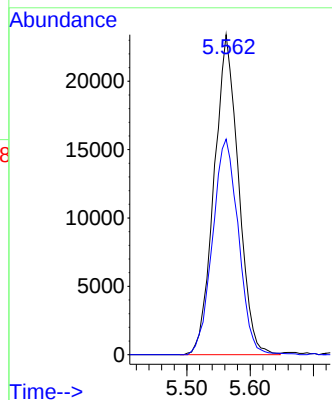
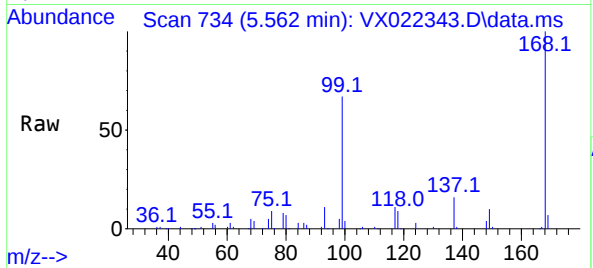




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

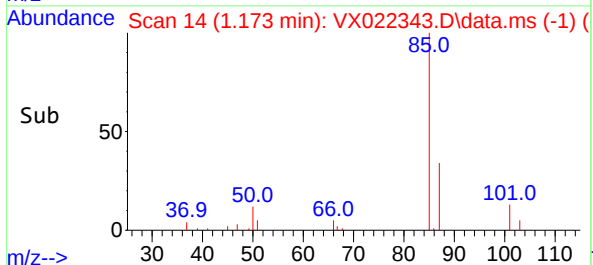
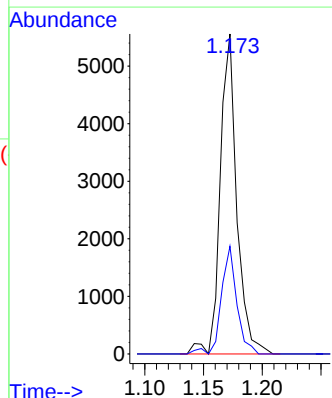
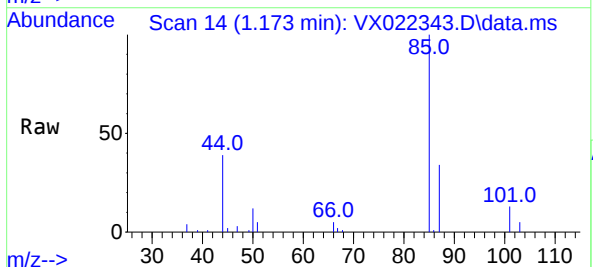
Instrument :
MSVOA_X
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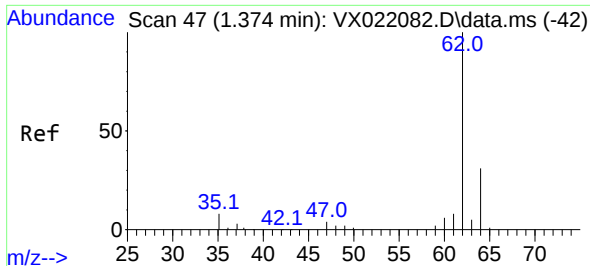
Tgt Ion:168 Resp: 62559
Ion Ratio Lower Upper
168 100
99 67.3 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 7.183 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

Tgt Ion: 85 Resp: 5463
Ion Ratio Lower Upper
85 100
87 33.6 16.4 49.2

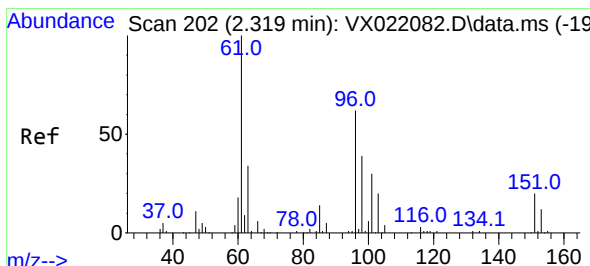
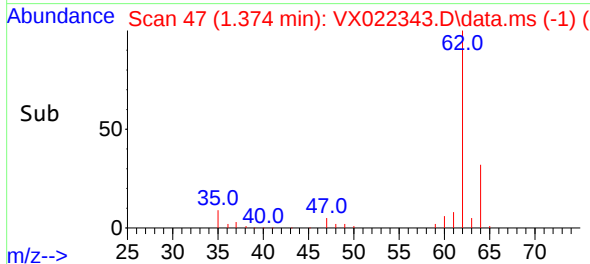
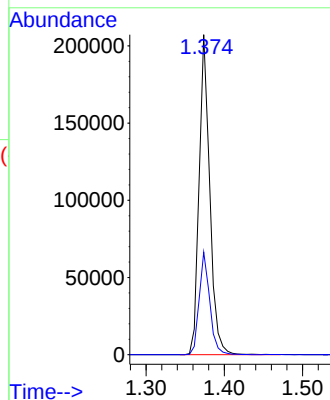
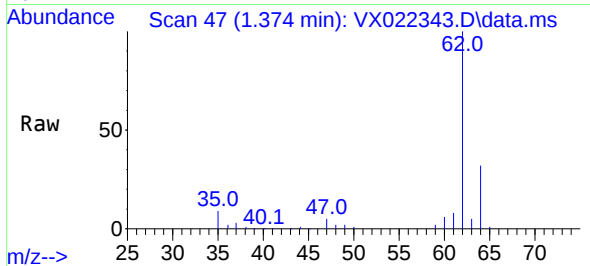




#4
 Vinyl Chloride
 Concen: 226.374 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022343.D
 Acq: 02 Jun 2021 17:02

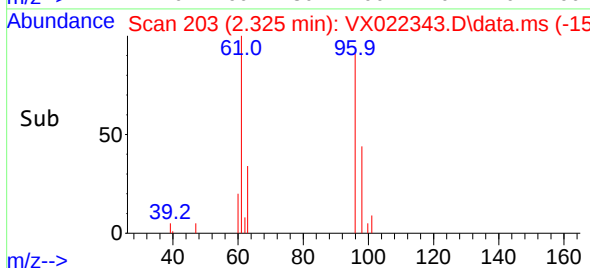
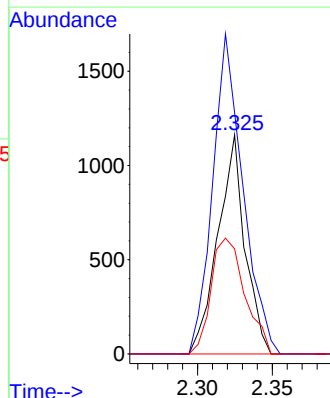
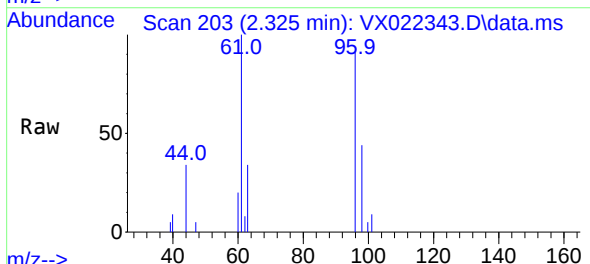
Instrument :
 MSVOA_X
 ClientSampleId :
 91BR-20210528

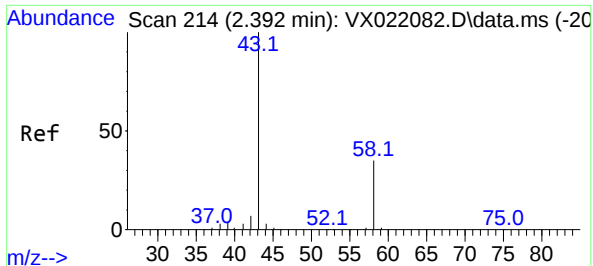
Tgt Ion: 62 Resp: 196510
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.7 38.5



#12
 1,1-Dichloroethene
 Concen: 2.046 ug/l
 RT: 2.325 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX022343.D
 Acq: 02 Jun 2021 17:02

Tgt Ion: 96 Resp: 1467
 Ion Ratio Lower Upper
 96 100
 61 110.2 124.6 187.0#
 98 48.0 50.6 76.0#

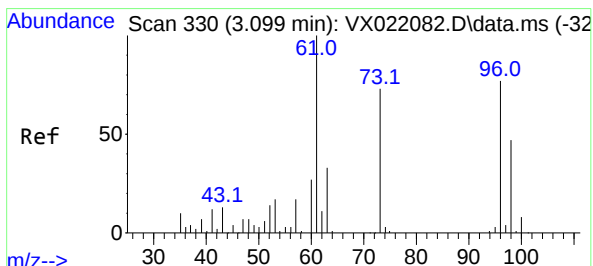
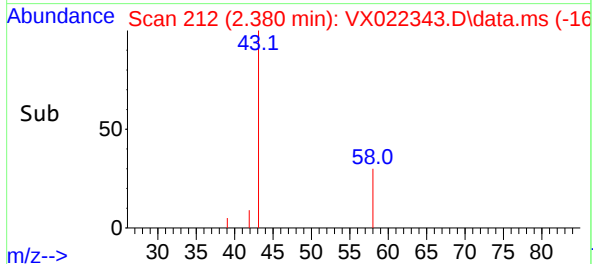
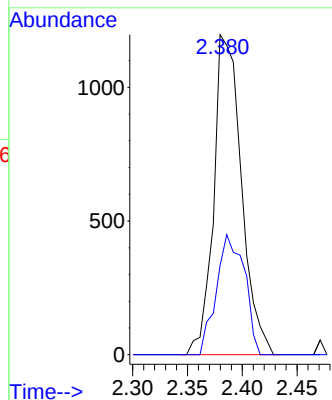
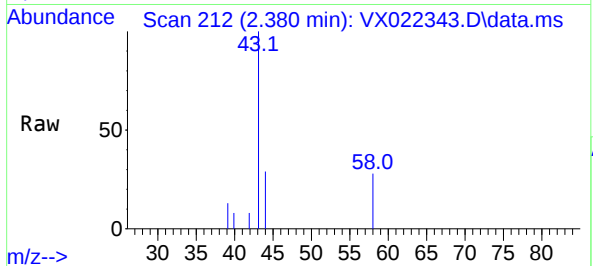




#16
Acetone
Concen: 5.014 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

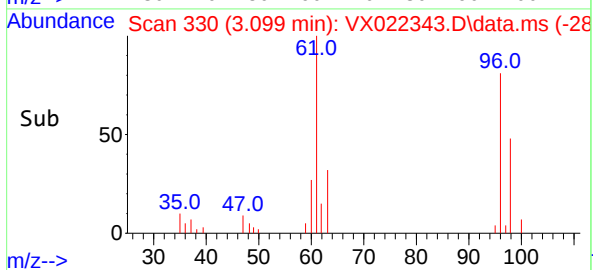
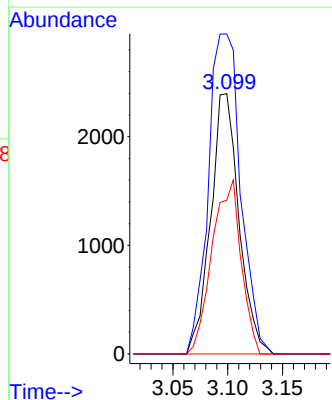
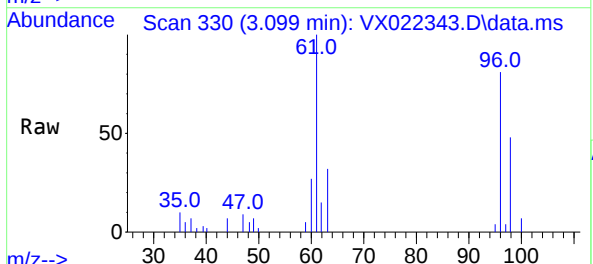
Instrument :
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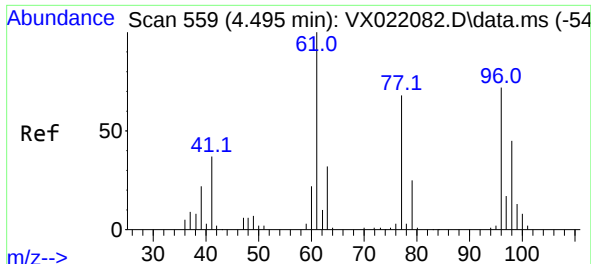
Tgt Ion: 43 Resp: 2107
Ion Ratio Lower Upper
43 100
58 27.8 27.8 41.8#



#21
trans-1,2-Dichloroethene
Concen: 5.538 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

Tgt Ion: 96 Resp: 4319
Ion Ratio Lower Upper
96 100
61 123.0 107.7 161.5
98 59.1 50.4 75.6

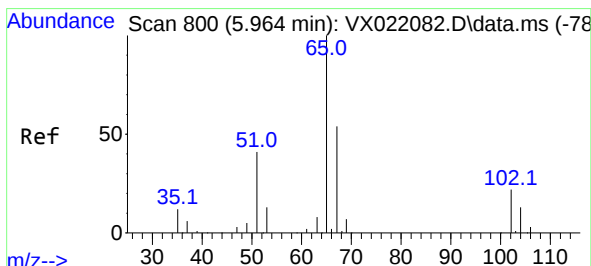
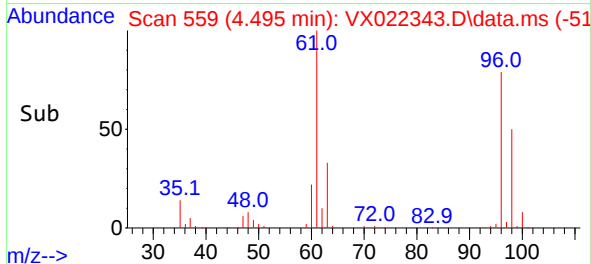
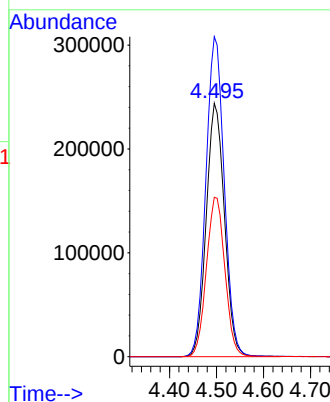
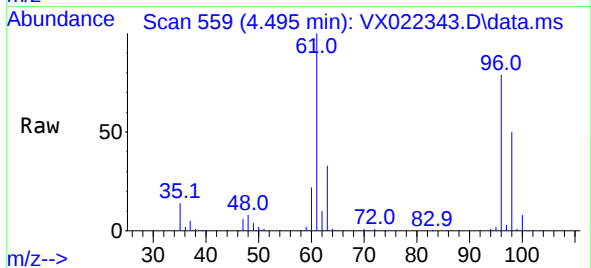




#27
cis-1,2-Dichloroethene
Concen: 692.775 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

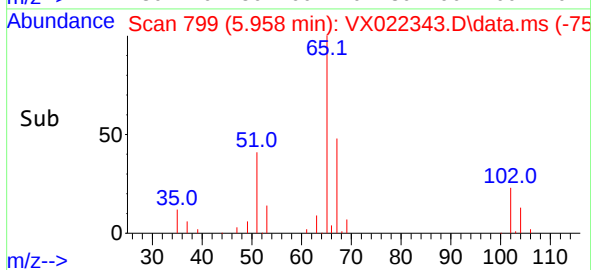
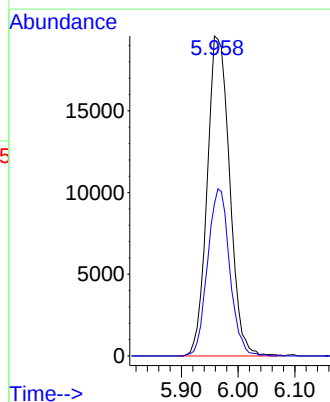
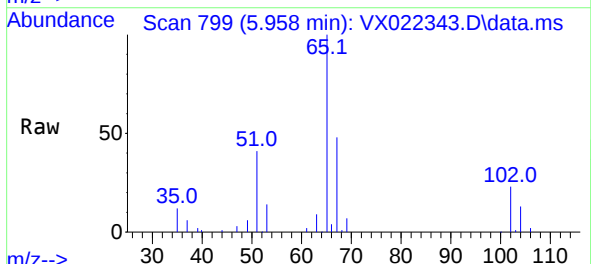
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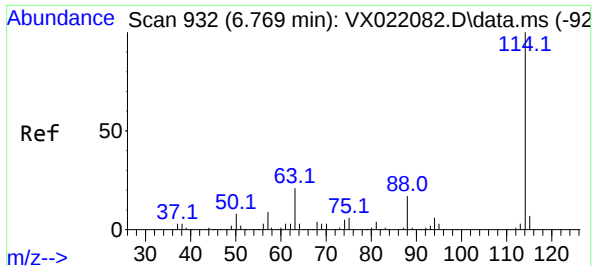
Tgt Ion: 96 Resp: 657055
Ion Ratio Lower Upper
96 100
61 127.2 0.0 285.6
98 63.9 0.0 129.6



#33
1,2-Dichloroethane-d4
Concen: 55.786 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

Tgt Ion: 65 Resp: 53834
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.4

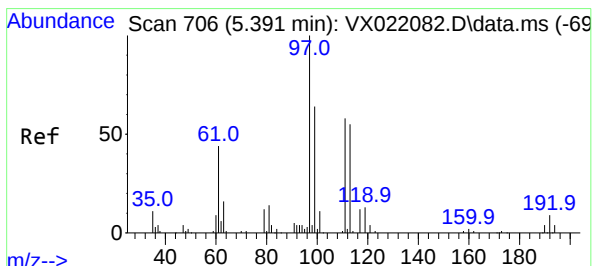
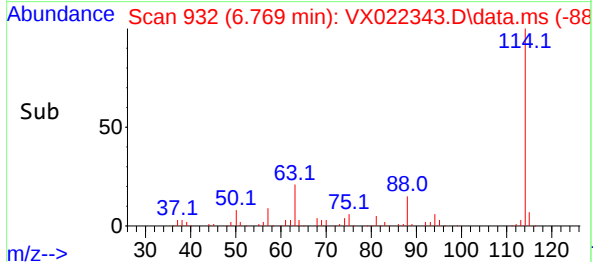
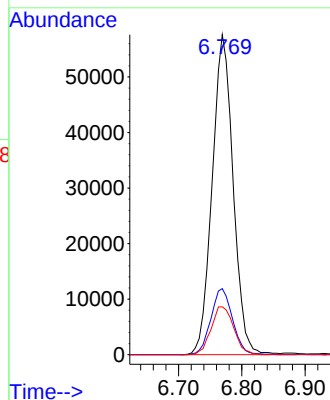
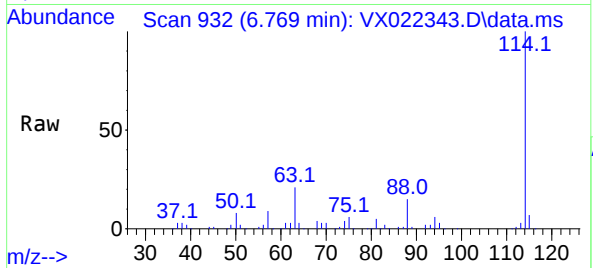




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

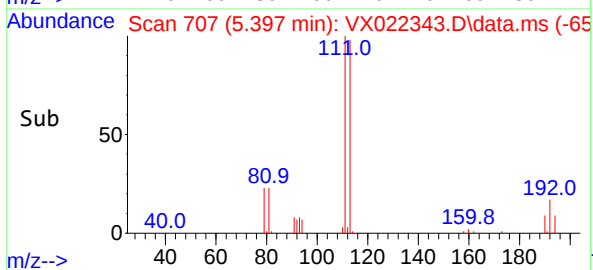
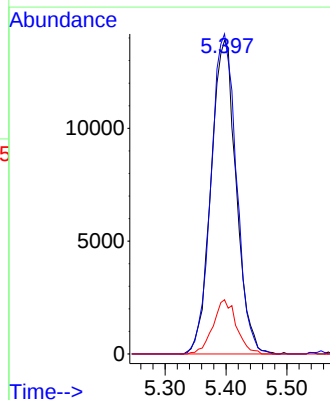
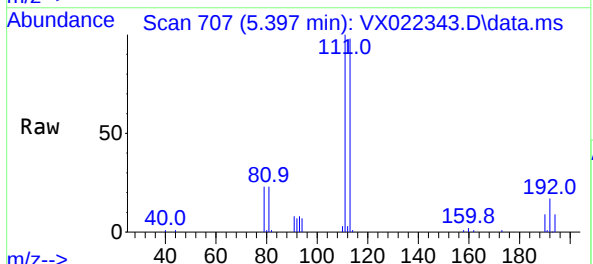
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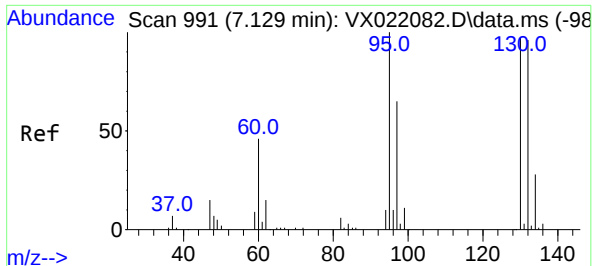
Tgt Ion:114 Resp: 132445
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.547 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

Tgt Ion:113 Resp: 39935
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 16.1 16.7 25.1#

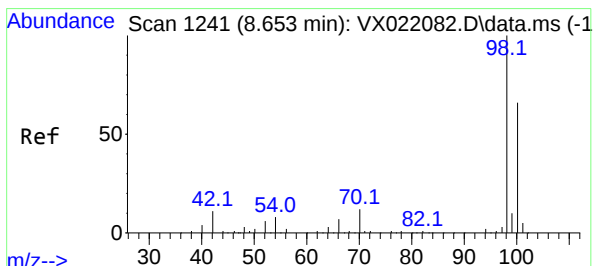
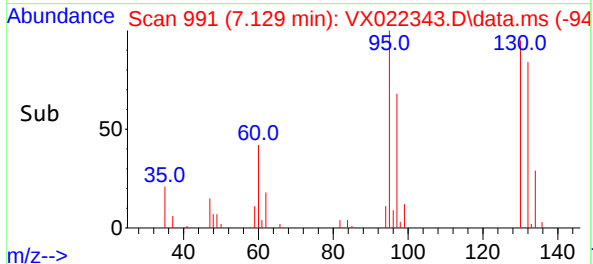
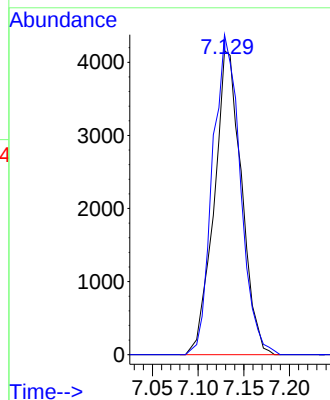
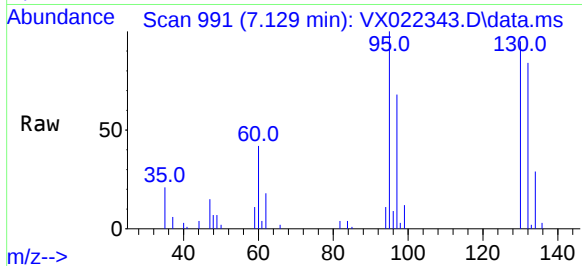




#44
Trichloroethene
Concen: 9.250 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

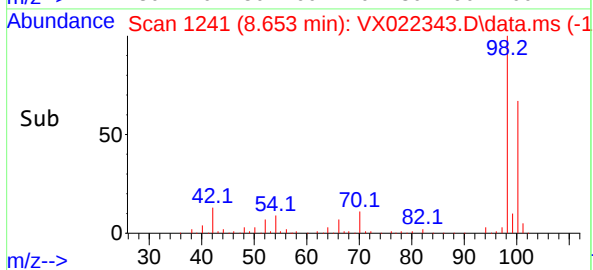
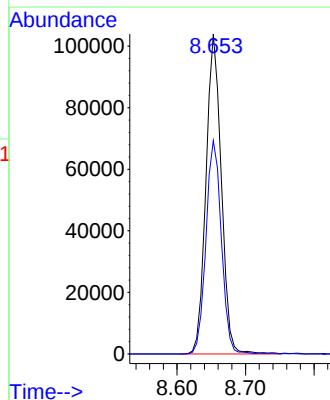
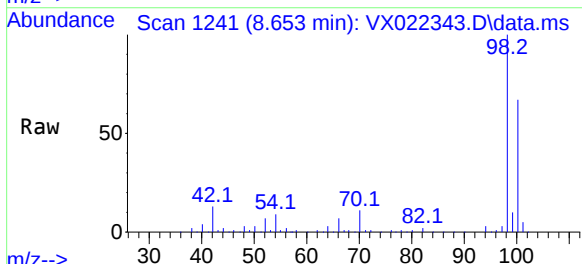
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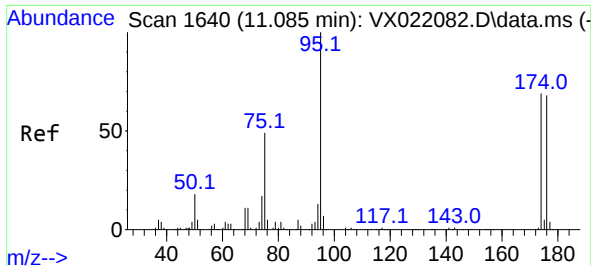
Tgt Ion:130 Resp: 8662
Ion Ratio Lower Upper
130 100
95 105.2 0.0 198.0



#50
Toluene-d8
Concen: 50.027 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

Tgt Ion: 98 Resp: 161856
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

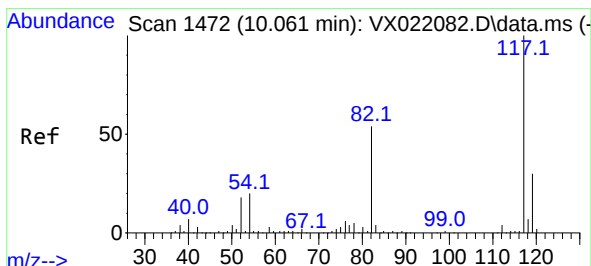
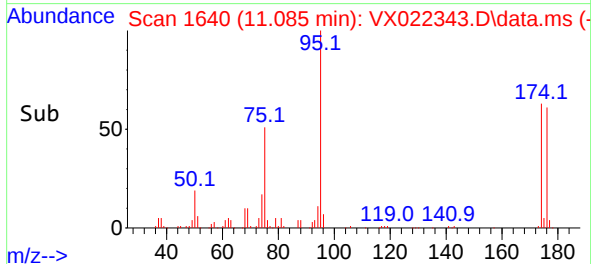
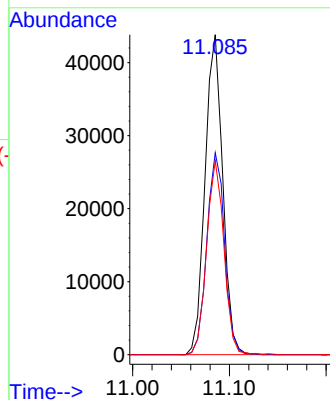
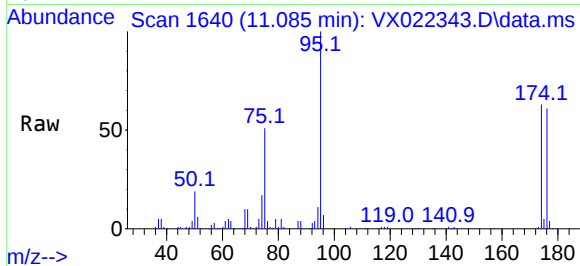




#62
4-Bromofluorobenzene
Concen: 46.563 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

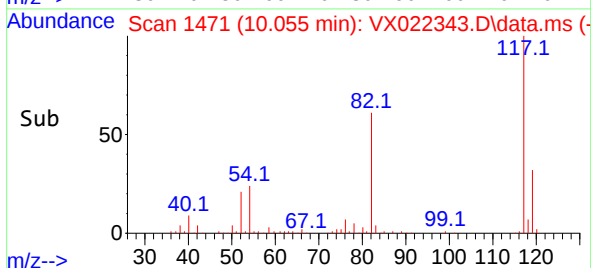
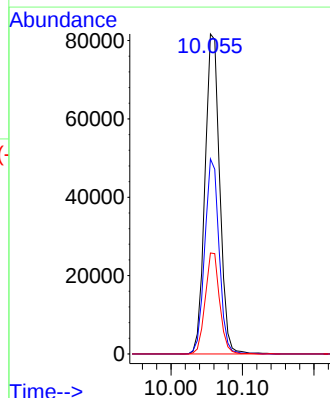
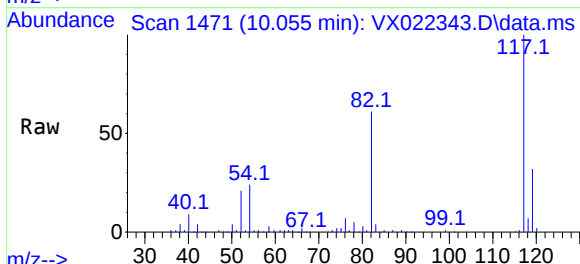
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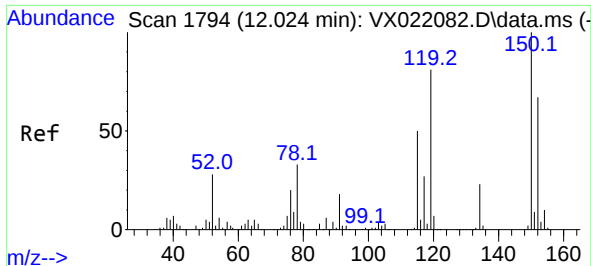
Tgt Ion: 95 Resp: 55683
Ion Ratio Lower Upper
95 100
174 63.4 0.0 154.6
176 59.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022343.D
Acq: 02 Jun 2021 17:02

Tgt Ion: 117 Resp: 116706
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 31.5 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: VX022343.D
 Acq: 02 Jun 2021 17:02

Instrument :
 MSVOA_X
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Tgt Ion:152 Resp: 44107
 Ion Ratio Lower Upper
 152 100
 115 64.4 41.1 123.3
 150 157.0 0.0 349.0

