

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022319.D
 Acq On : 02 Jun 2021 03:11
 Operator : JC/MD
 Sample : M2572-03 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20210528

Quant Time: Jun 02 05:34:26 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)

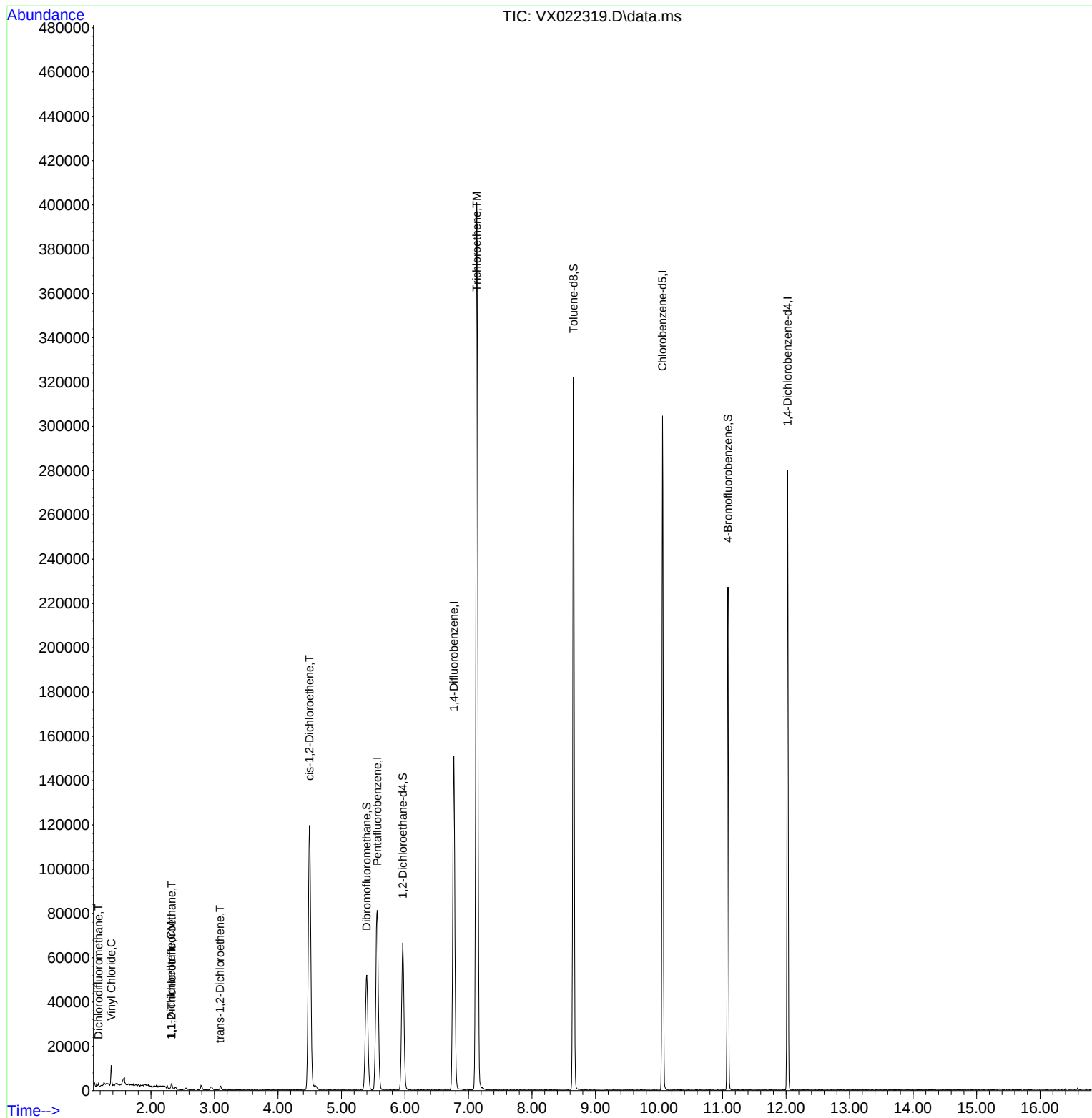
Internal Standards						
1) Pentafluorobenzene	5.562	168	70456	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	149667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50687	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59787	55.01	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.02%	
35) Dibromofluoromethane	5.397	113	45086	47.50	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.00%	
50) Toluene-d8	8.653	98	183847	50.28	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.56%	
62) 4-Bromofluorobenzene	11.085	95	62792	46.47	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.94%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	600	0.70	ug/l	96
4) Vinyl Chloride	1.374	62	4823	4.93	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	552	0.66	ug/l	89
12) 1,1-Dichloroethene	2.319	96	583	0.72	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	692	0.79	ug/l #	57
27) cis-1,2-Dichloroethene	4.495	96	75983	71.13	ug/l	90
44) Trichloroethene	7.129	130	141090	133.34	ug/l	96

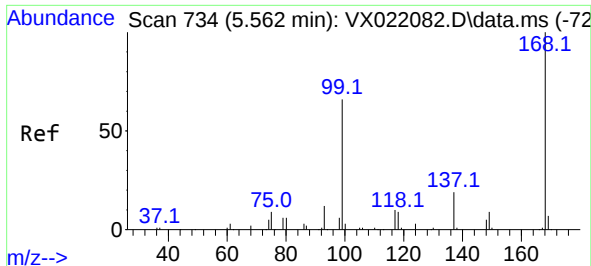
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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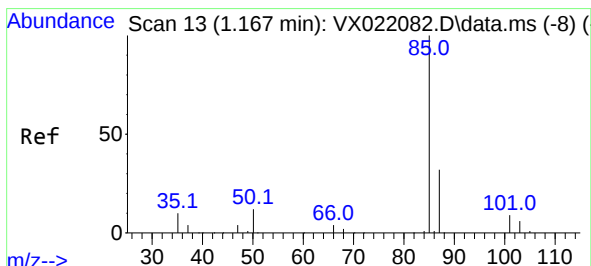
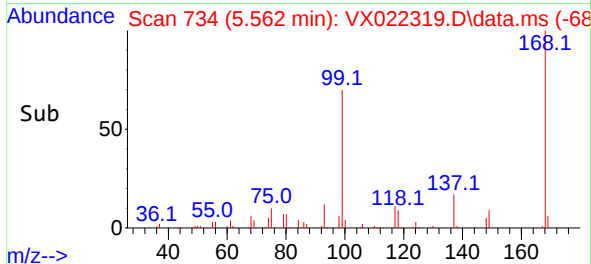
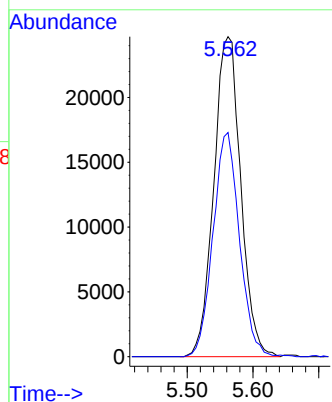
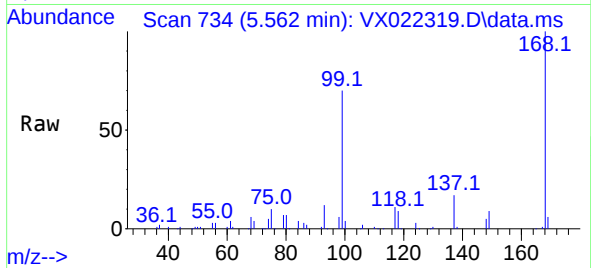




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

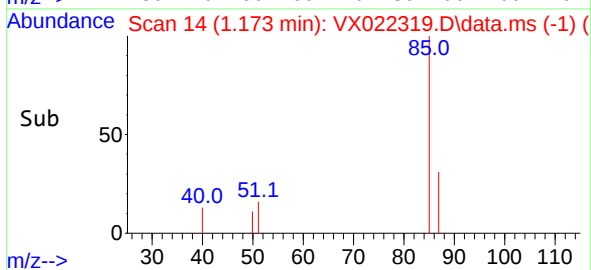
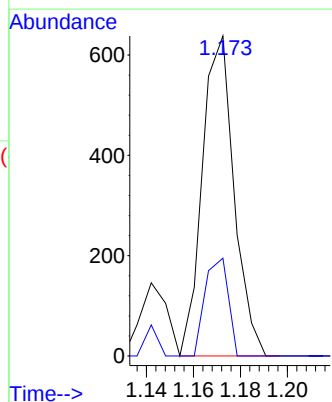
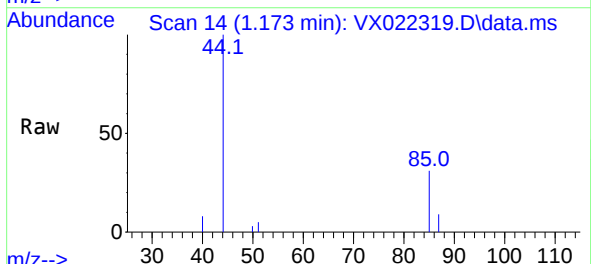
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

Tgt Ion:168 Resp: 70456
Ion Ratio Lower Upper
168 100
99 70.1 45.8 68.6#

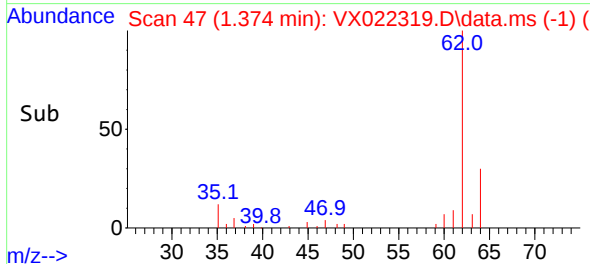
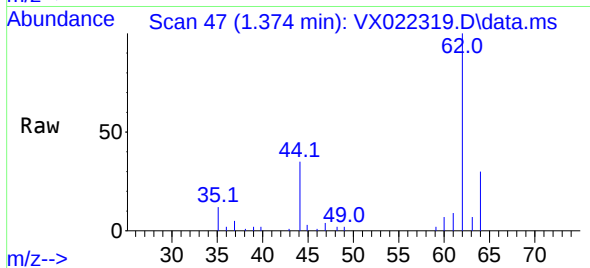
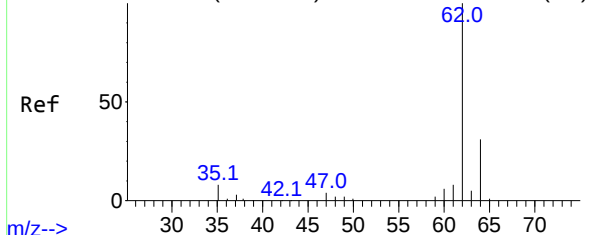


#2
Dichlorodifluoromethane
Concen: 0.70 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 85 Resp: 600
Ion Ratio Lower Upper
85 100
87 30.6 16.4 49.2

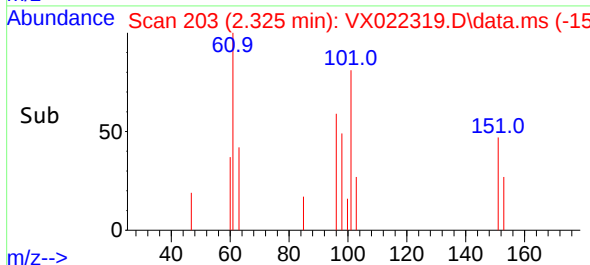
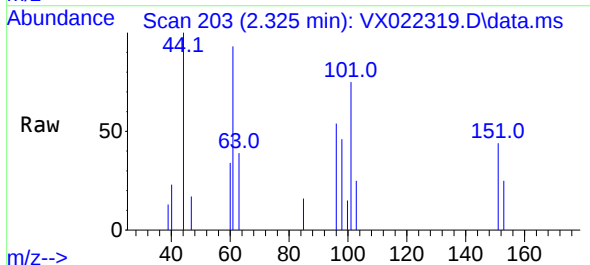
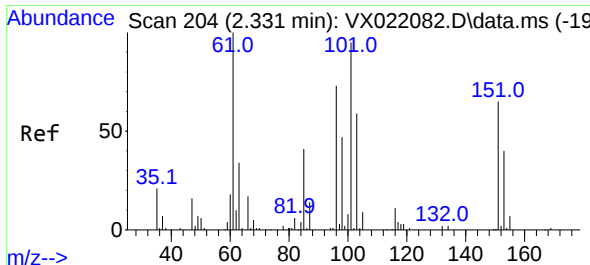
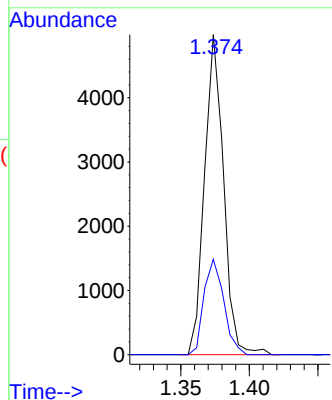


Abundance Scan 47 (1.374 min): VX022082.D\data.ms (-42)



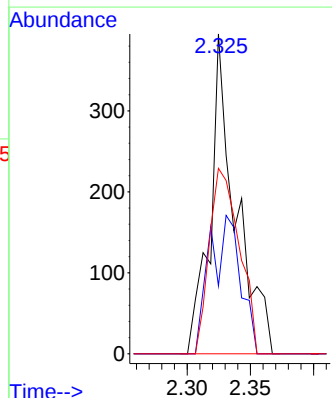
#4
Vinyl Chloride
Concen: 4.93 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

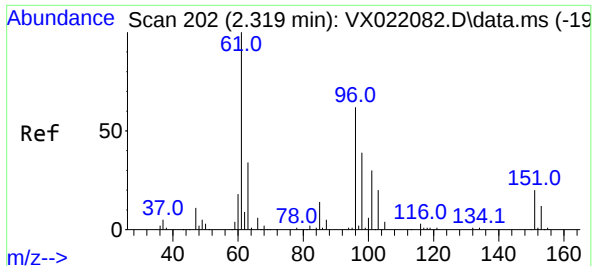
Tgt Ion: 62 Resp: 4823
Ion Ratio Lower Upper
62 100
64 29.8 25.7 38.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.66 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 101 Resp: 552
Ion Ratio Lower Upper
101 100
85 51.8 34.9 52.3
151 68.3 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.72 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX022319.D

Acq: 02 Jun 2021 03:11

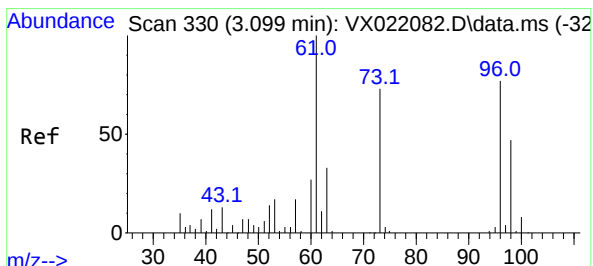
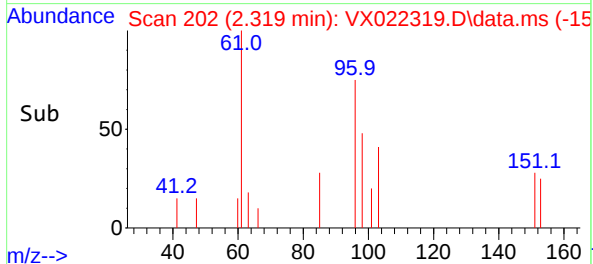
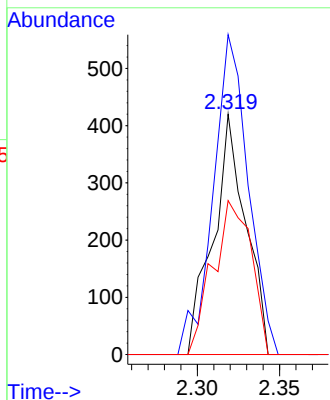
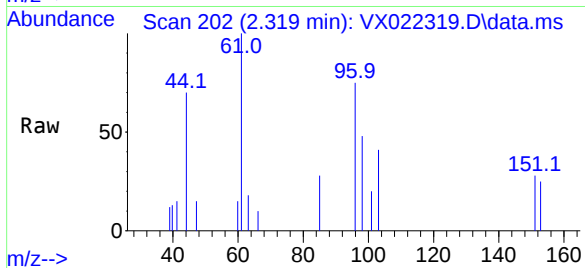
Tgt Ion: 96 Resp: 583

Ion Ratio Lower Upper

96 100

61 133.1 124.6 187.0

98 64.0 50.6 76.0



#21

trans-1,2-Dichloroethene

Concen: 0.79 ug/l

RT: 3.087 min Scan# 328

Delta R.T. -0.012 min

Lab File: VX022319.D

Acq: 02 Jun 2021 03:11

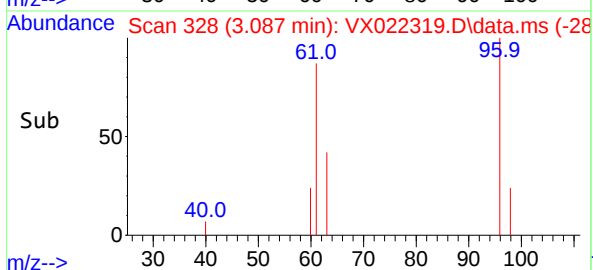
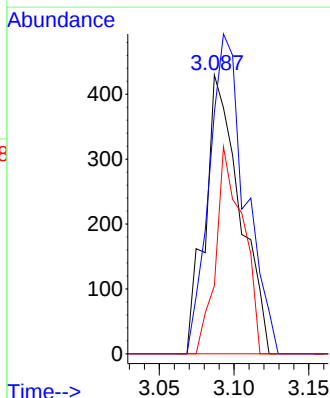
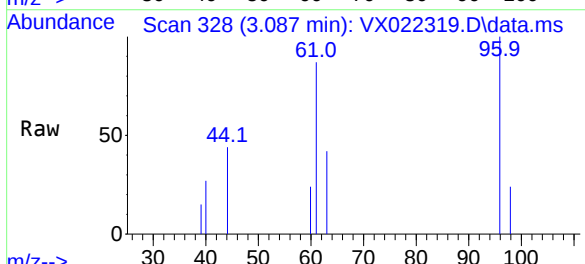
Tgt Ion: 96 Resp: 692

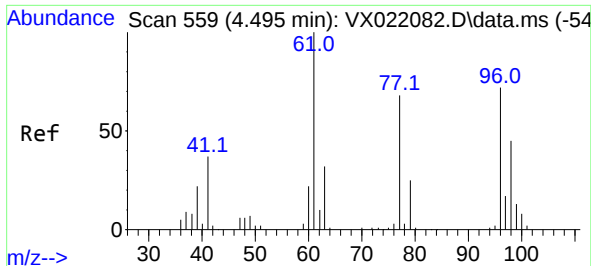
Ion Ratio Lower Upper

96 100

61 86.5 107.7 161.5#

98 24.4 50.4 75.6#



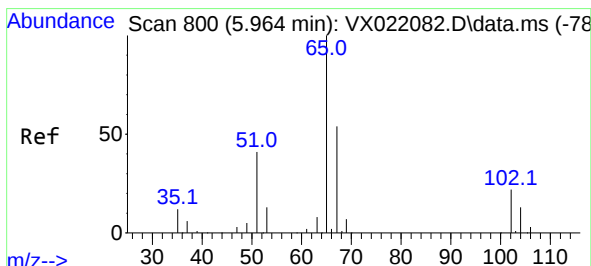
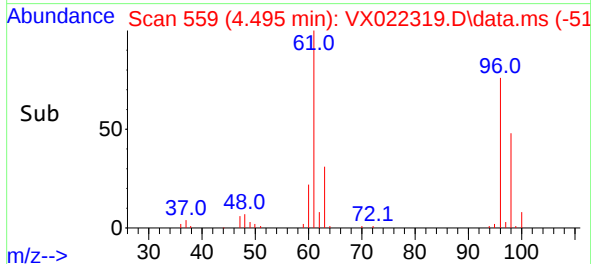
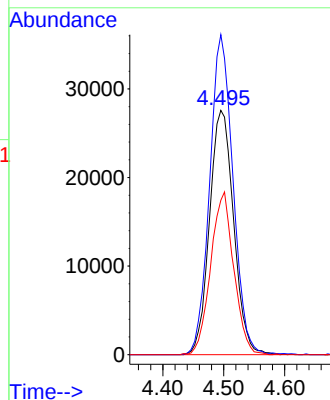
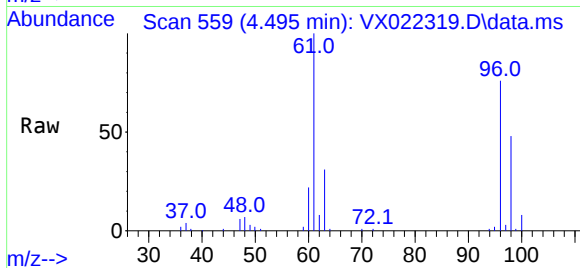


#27

cis-1,2-Dichloroethene
Concen: 71.13 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

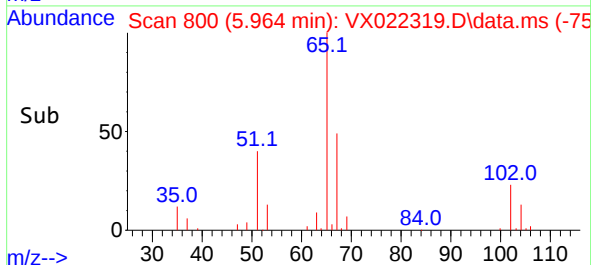
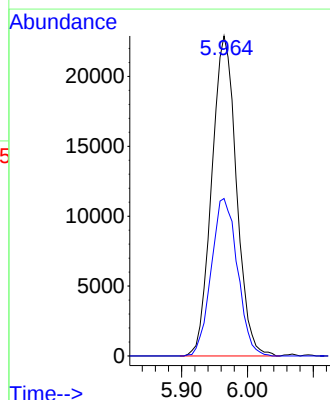
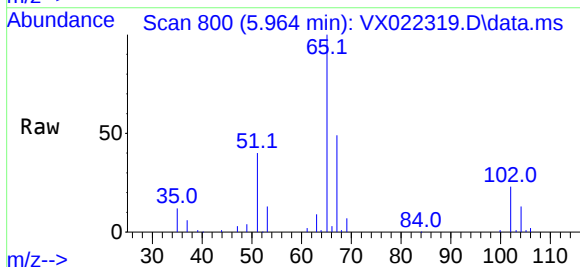
Tgt Ion: 96 Resp: 75983
Ion Ratio Lower Upper
96 100
61 126.2 0.0 285.6
98 63.7 0.0 129.6

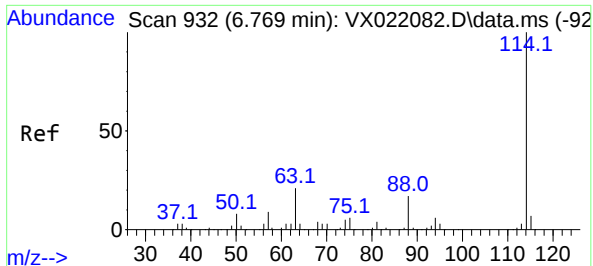


#33

1,2-Dichloroethane-d4
Concen: 55.01 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 65 Resp: 59787
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

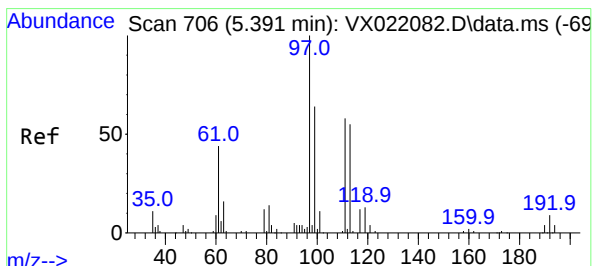
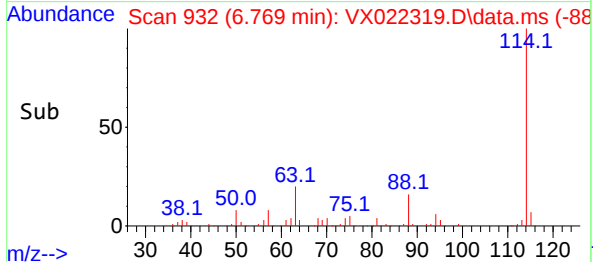
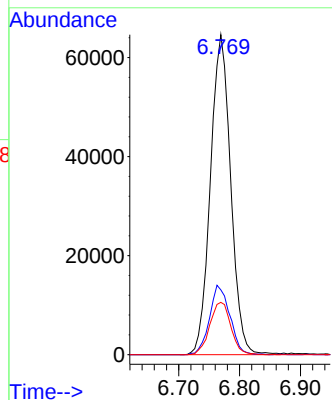
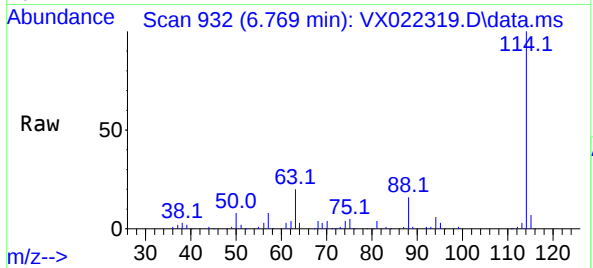




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

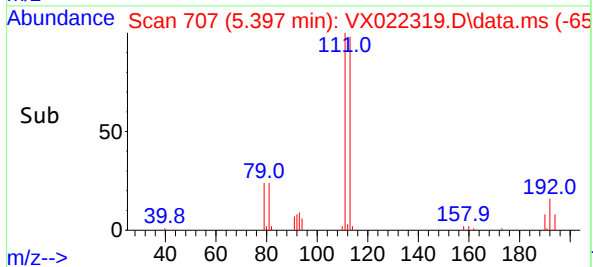
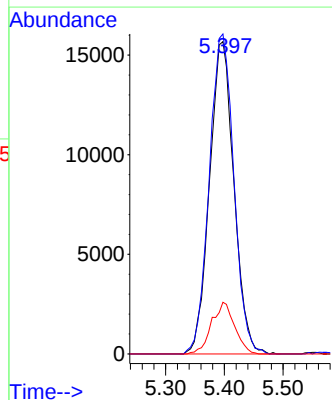
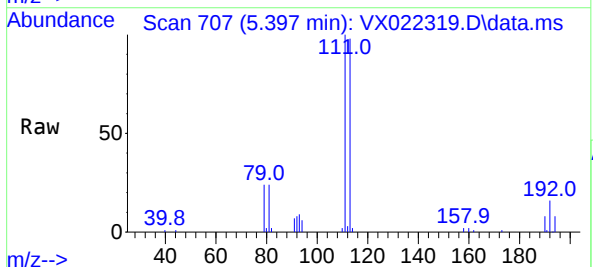
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MSVOA_X
ClientSampleId :
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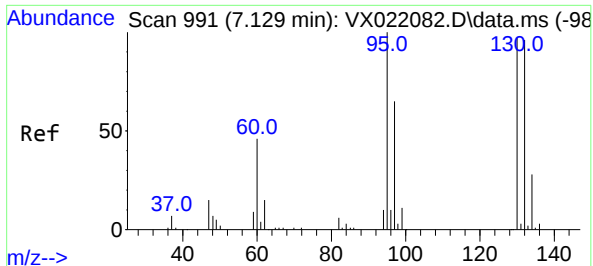
Tgt Ion:114 Resp: 149667
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.50 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion:113 Resp: 45086
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 15.7 16.7 25.1#

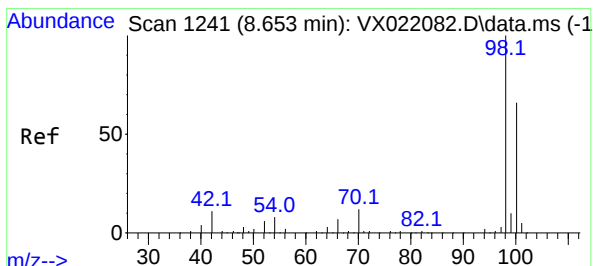
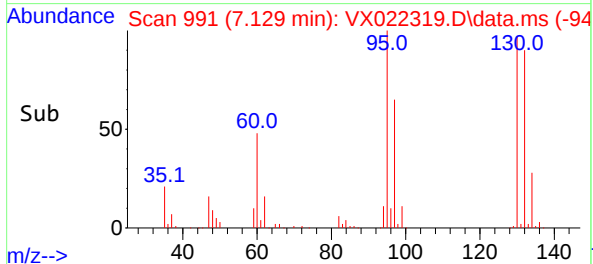
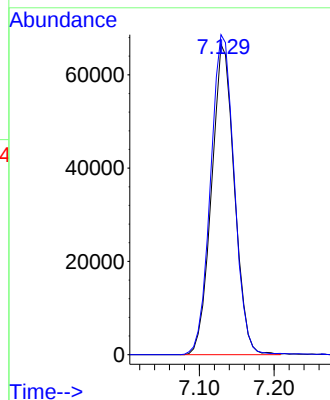
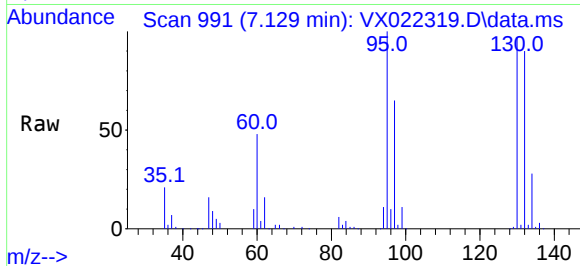




#44
Trichloroethene
Concen: 133.34 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

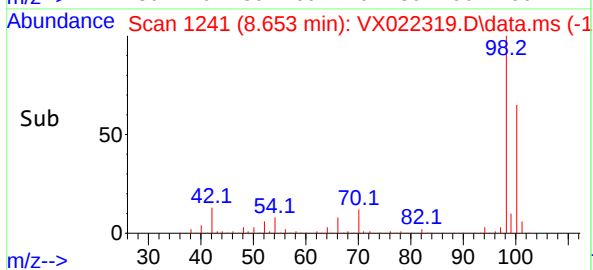
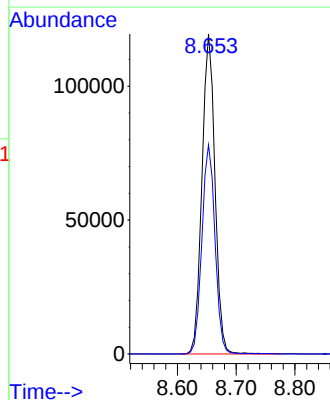
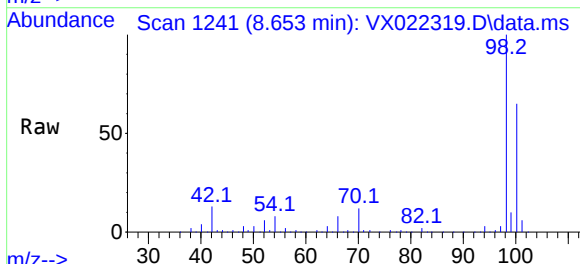
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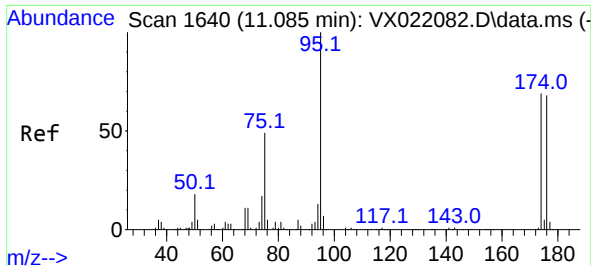
Tgt Ion:130 Resp: 141090
Ion Ratio Lower Upper
130 100
95 103.2 0.0 198.0



#50
Toluene-d8
Concen: 50.28 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 98 Resp: 183847
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

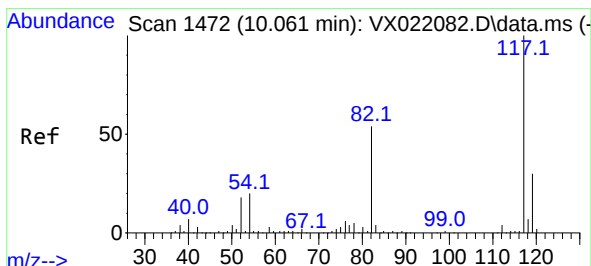
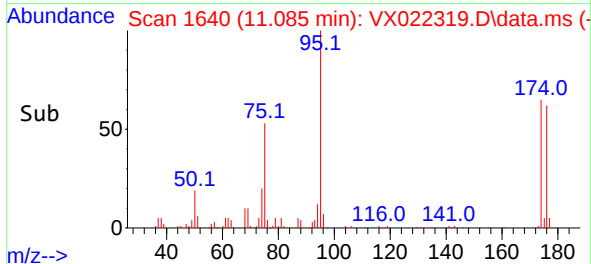
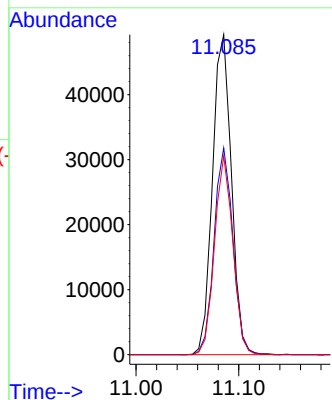
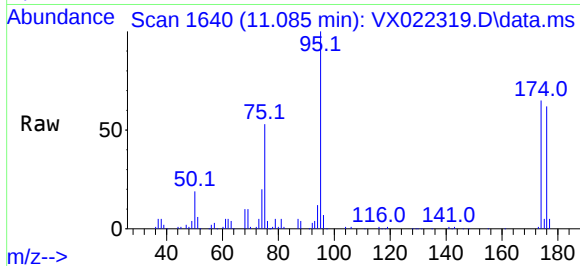




#62
4-Bromofluorobenzene
Concen: 46.47 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

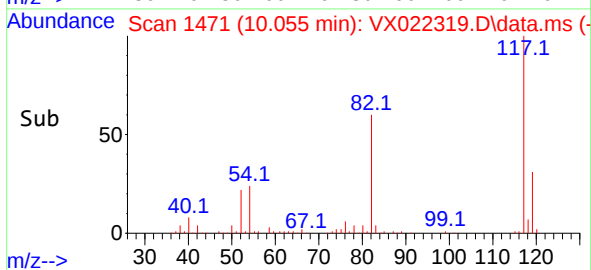
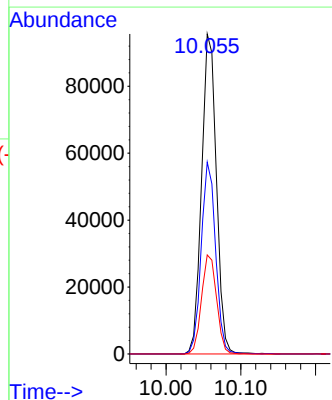
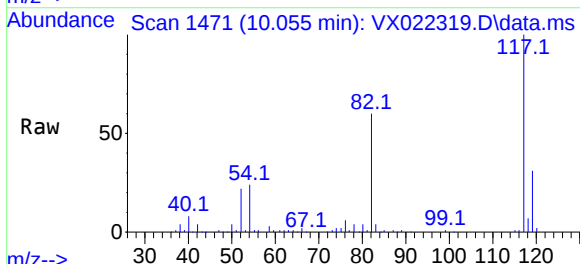
Instrument :
MSVOA_X
ClientSampleId :
56BR-20210528

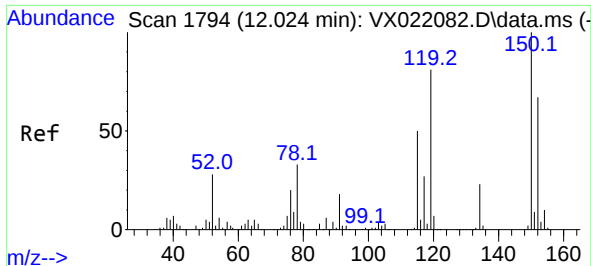
Tgt Ion: 95 Resp: 62792
Ion Ratio Lower Upper
95 100
174 64.2 0.0 154.6
176 60.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022319.D
Acq: 02 Jun 2021 03:11

Tgt Ion: 117 Resp: 131231
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 30.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022319.D
 Acq: 02 Jun 2021 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 56BR-20210528

Tgt Ion:152 Resp: 50687
 Ion Ratio Lower Upper
 152 100
 115 67.0 41.1 123.3
 150 157.7 0.0 349.0

