

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040521\
 Data File : VW020922.D
 Acq On : 05 Apr 2021 18:07
 Operator : SY/MD
 Sample : M1845-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B2

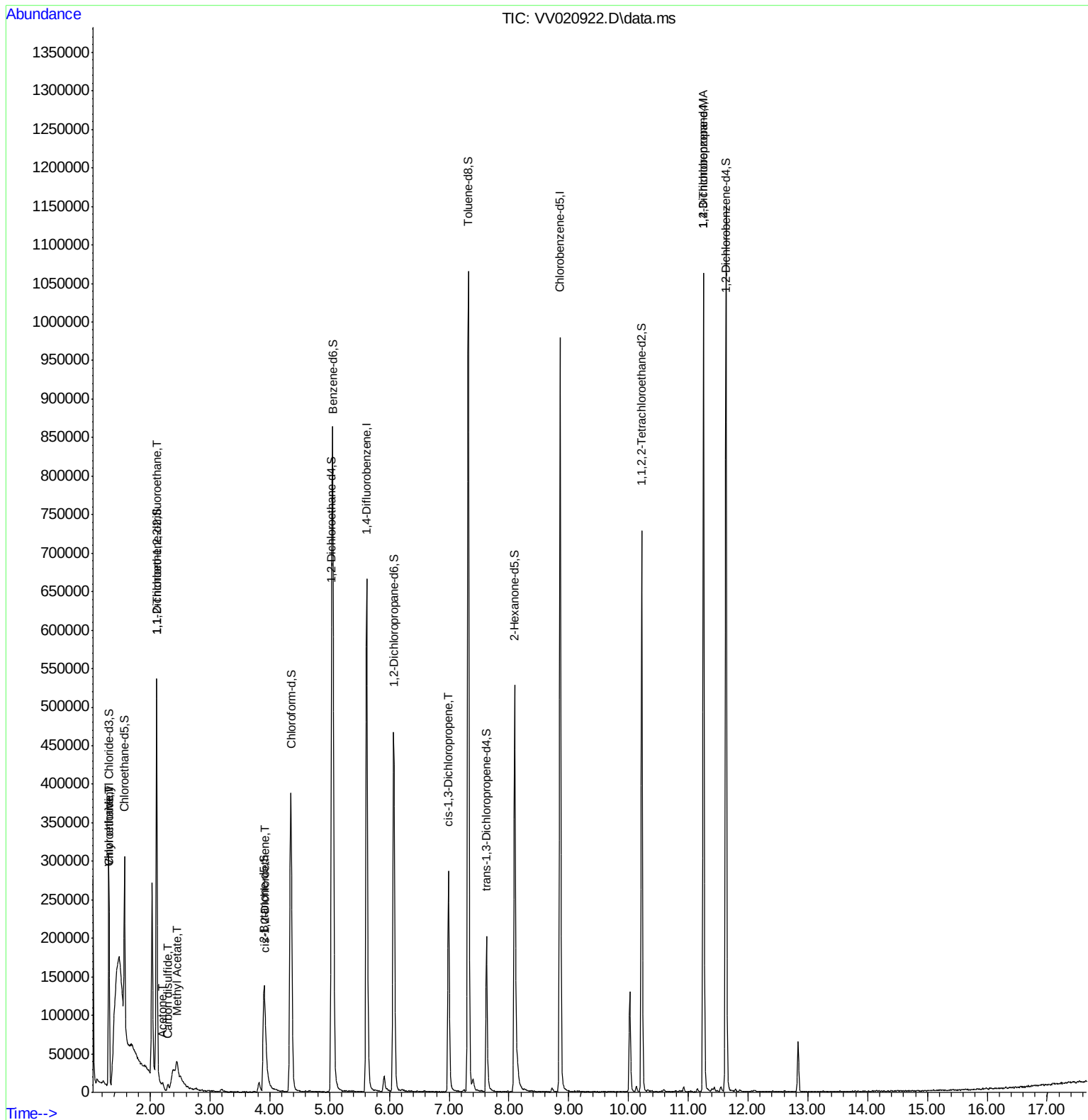
Quant Time: Apr 06 06:25:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 06 06:22:01 2021
 Response via : Initial Calibration

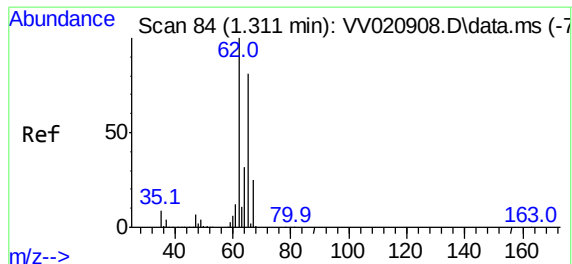
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	587331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	559231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	282256	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	161437	38.72	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	77.44%		
7) Chloroethane-d5	1.571	69	133384	42.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.62%		
11) 1,1-Dichloroethene-d2	2.108	63	258966	32.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.84%		
21) 2-Butanone-d5	3.902	46	261190	96.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.28%		
24) Chloroform-d	4.352	84	408741	49.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.64%		
26) 1,2-Dichloroethane-d4	5.034	65	276379	50.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.24%		
32) Benzene-d6	5.053	84	732794	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.32%		
36) 1,2-Dichloropropane-d6	6.072	67	214713	46.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.84%		
41) Toluene-d8	7.320	98	702499	50.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.26%		
43) trans-1,3-Dichloroprop...	7.625	79	119711	49.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.32%		
47) 2-Hexanone-d5	8.095	63	184652	96.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.24%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	311615	46.75	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.50%		
64) 1,2-Dichlorobenzene-d4	11.632	152	310180	56.62	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	113.24%		
Target Compounds						
5) Vinyl chloride	1.314	62	23941	5.34	ug/L	86
8) Chloroethane	1.314	64	10355	3.99	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2449	0.66	ug/L #	19
13) Acetone	2.204	43	8727	4.51	ug/L	57
14) Carbon disulfide	2.294	76	12224	1.08	ug/L	97
15) Methyl Acetate	2.445	43	24990	6.19	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	9872	2.35	ug/L	78
39) cis-1,3-Dichloropropene	6.989	75	7551	1.21	ug/L #	73
59) 1,2,3-Trichloropropane	11.255	75	27560	5.22	ug/L	95

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

Quant Time: Apr 06 06:25:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 06 06:22:01 2021
Response via : Initial Calibration

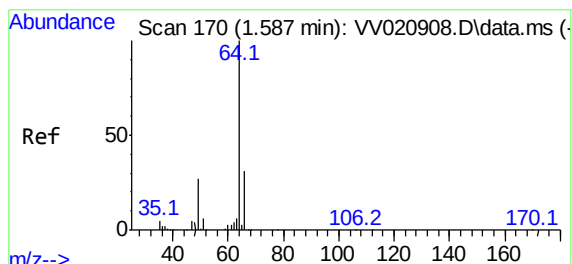
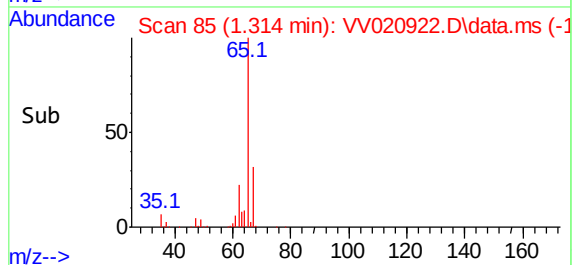
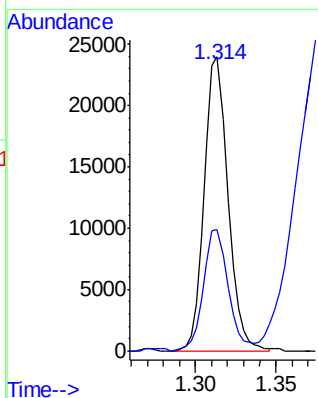
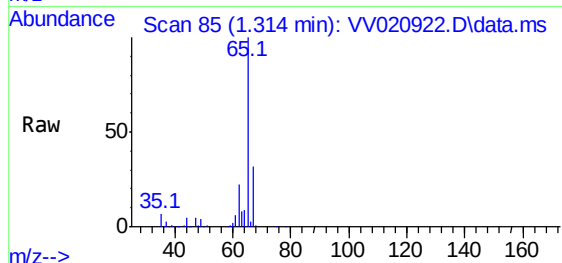




#5
 Vinyl chloride
 Concen: 5.34 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.003 min
 Lab File: VV020922.D
 Acq: 05 Apr 2021 18:07

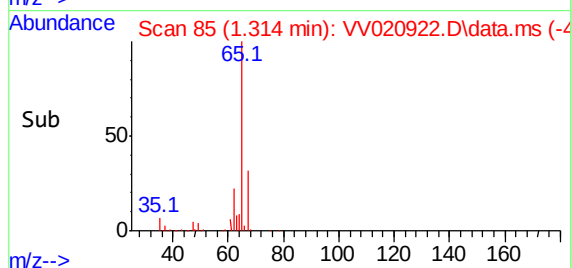
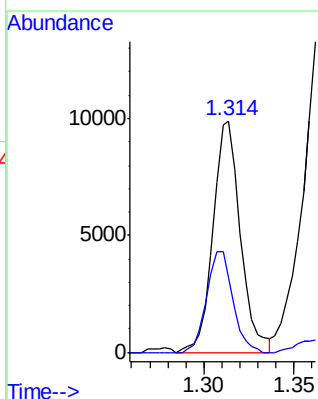
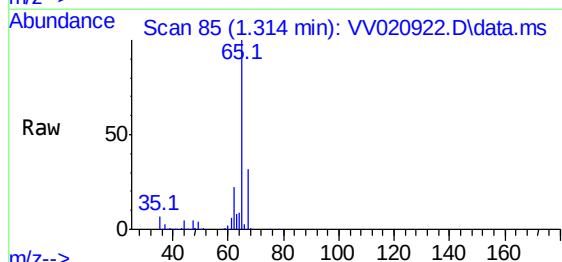
Instrument :
 MSVOA_V
 ClientSampled :
 EW1B2

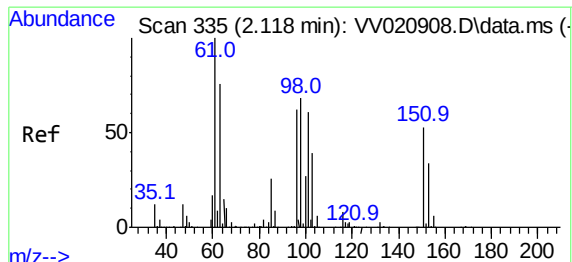
Tgt Ion: 62 Resp: 23941
 Ion Ratio Lower Upper
 62 100
 64 41.3 23.3 43.3



#8
 Chloroethane
 Concen: 3.99 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.273 min
 Lab File: VV020922.D
 Acq: 05 Apr 2021 18:07

Tgt Ion: 64 Resp: 10355
 Ion Ratio Lower Upper
 64 100
 66 32.6 22.4 41.6

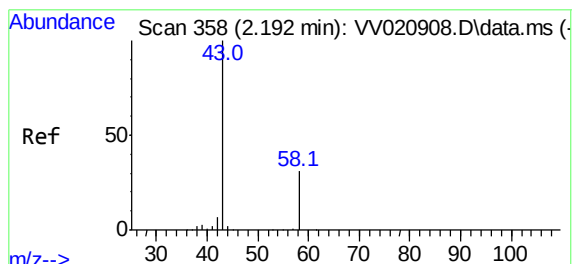
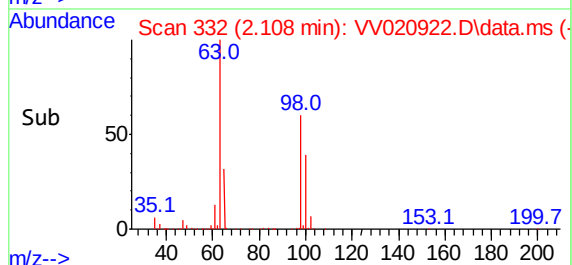
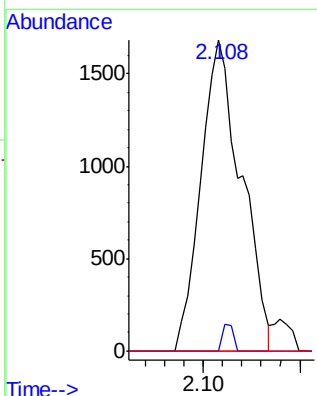
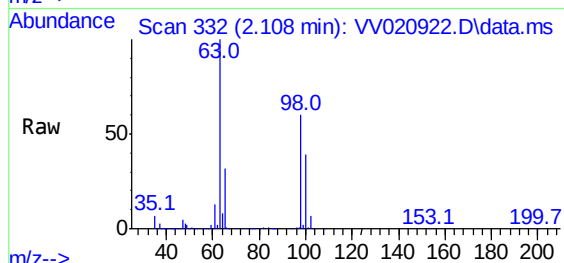




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.66 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.010 min
 Lab File: VV020922.D
 Acq: 05 Apr 2021 18:07

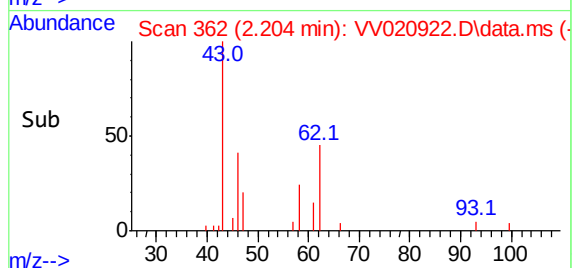
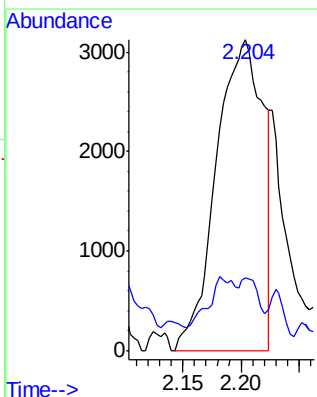
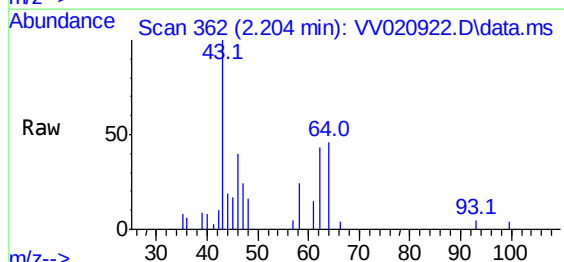
Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B2

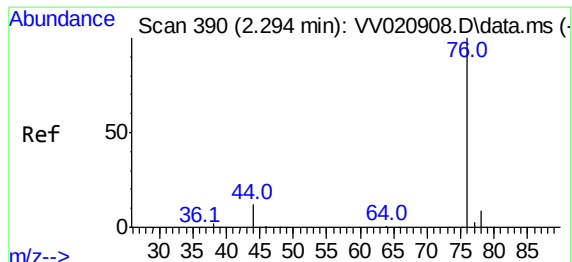
Tgt Ion:101 Resp: 2449
 Ion Ratio Lower Upper
 101 100
 85 2.2 35.4 53.0#
 151 0.0 63.5 95.3#



#13
 Acetone
 Concen: 4.51 ug/L
 RT: 2.204 min Scan# 362
 Delta R.T. 0.013 min
 Lab File: VV020922.D
 Acq: 05 Apr 2021 18:07

Tgt Ion: 43 Resp: 8727
 Ion Ratio Lower Upper
 43 100
 58 6.9 0.0 60.8

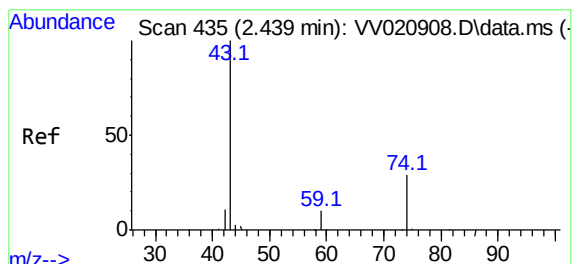
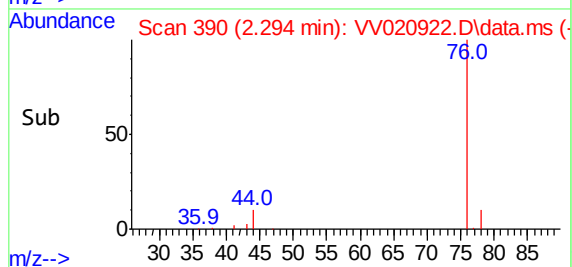
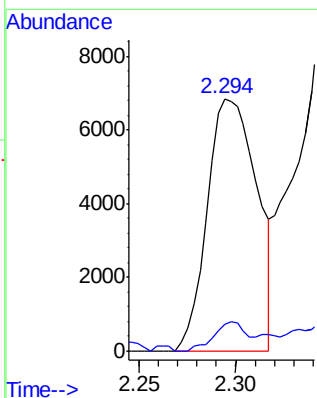
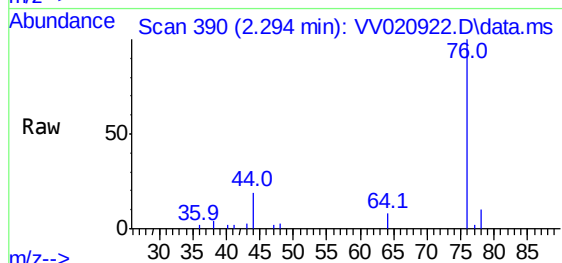




#14
Carbon disulfide
Concen: 1.08 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV020922.D
Acq: 05 Apr 2021 18:07

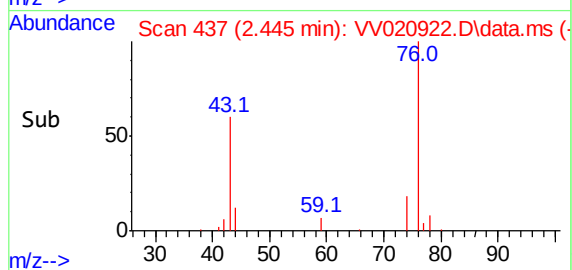
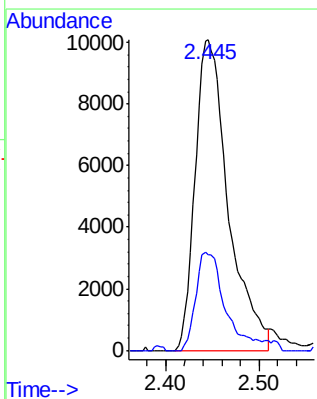
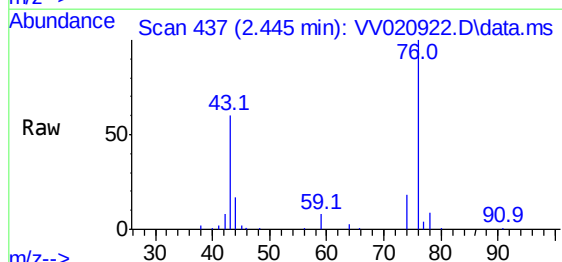
Instrument :
MSVOA_V
ClientSampleId :
EW1B2

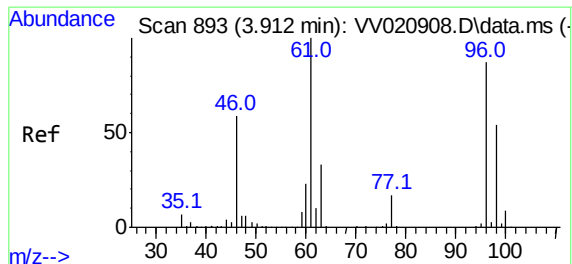
Tgt Ion: 76 Resp: 12224
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3



#15
Methyl Acetate
Concen: 6.19 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV020922.D
Acq: 05 Apr 2021 18:07

Tgt Ion: 43 Resp: 24990
Ion Ratio Lower Upper
43 100
74 25.8 18.4 27.6

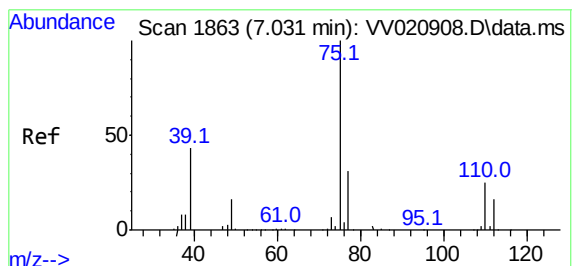
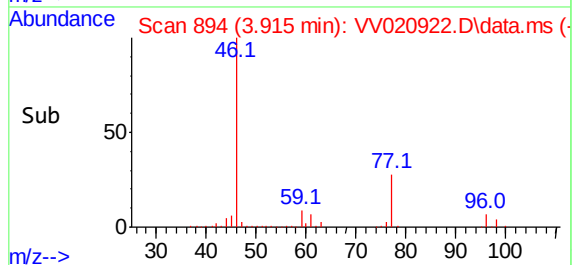
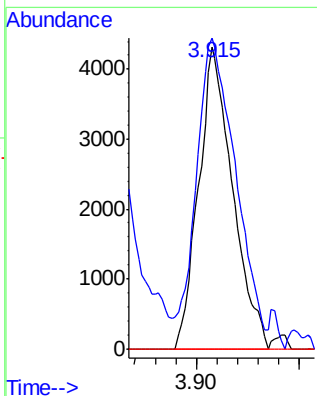
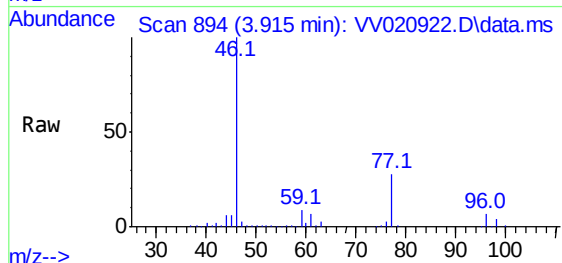




#20
cis-1,2-Dichloroethene
Concen: 2.35 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV020922.D
Acq: 05 Apr 2021 18:07

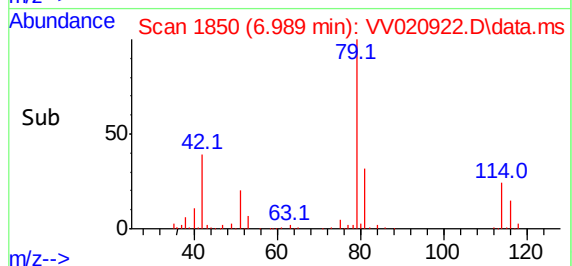
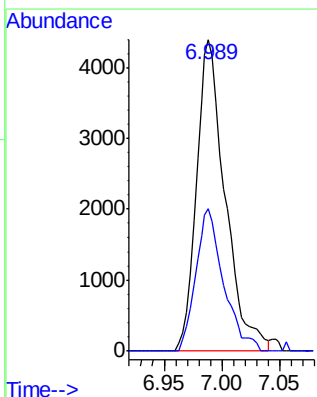
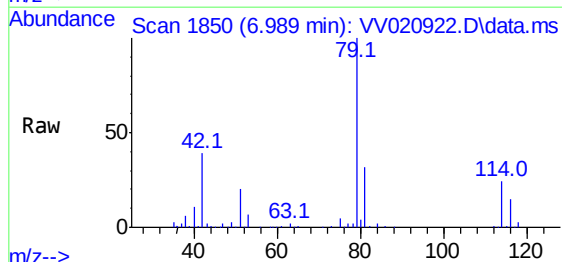
Instrument :
MSVOA_V
ClientSampled :
EW1B2

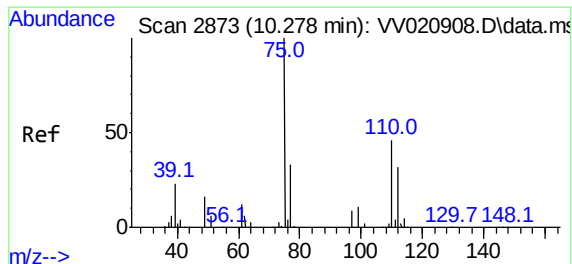
Tgt Ion: 96 Resp: 9872
Ion Ratio Lower Upper
96 100
61 102.8 89.9 167.0
68 0.0 0.0 0.0



#39
cis-1,3-Dichloropropene
Concen: 1.21 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.042 min
Lab File: VV020922.D
Acq: 05 Apr 2021 18:07

Tgt Ion: 75 Resp: 7551
Ion Ratio Lower Upper
75 100
77 45.6 21.7 40.3#





#59
 1,2,3-Trichloropropane
 Concen: 5.22 ug/L
 RT: 11.255 min Scan# 3177
 Delta R.T. 0.977 min
 Lab File: VV020922.D
 Acq: 05 Apr 2021 18:07

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1B2

Tgt Ion: 75 Resp: 27560
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.3 37.9

