

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021121\
 Data File : VW020299.D
 Acq On : 11 Feb 2021 15:17
 Operator : SY/MD
 Sample : M1375-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BJ3

Quant Time: Feb 12 00:27:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 12 00:25:49 2021
 Response via : Initial Calibration

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

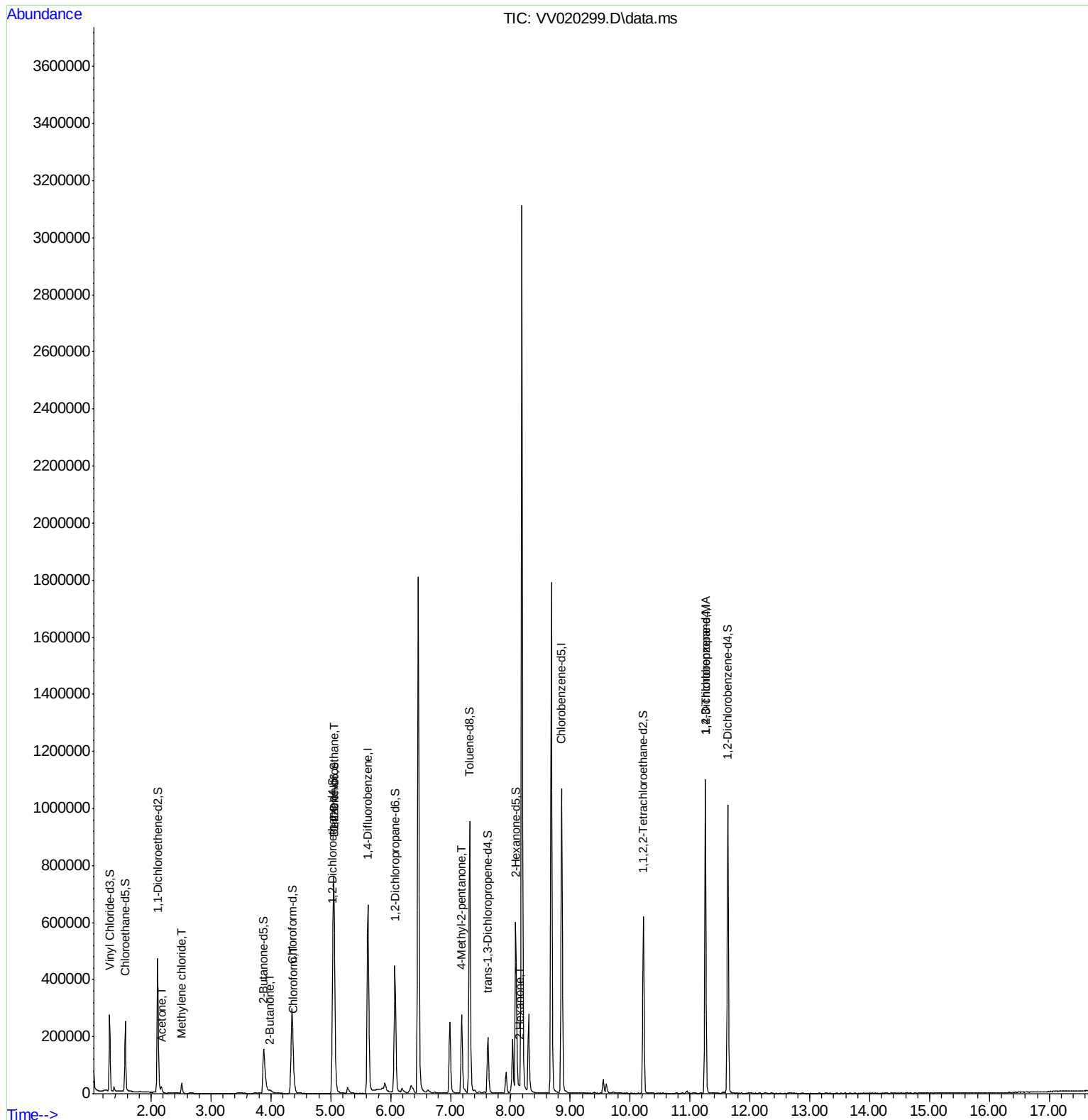
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	571367	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	565365	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	277911	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	163587	39.27	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.54%		
7) Chloroethane-d5	1.568	69	150574	44.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.12%		
11) 1,1-Dichloroethene-d2	2.108	63	250432	31.80	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	63.60%		
21) 2-Butanone-d5	3.880	46	258342	111.00	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	111.00%		
24) Chloroform-d	4.352	84	304559	41.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.16%		
26) 1,2-Dichloroethane-d4	5.034	65	226151	48.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.24%		
32) Benzene-d6	5.053	84	664936	45.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.78%		
36) 1,2-Dichloropropane-d6	6.072	67	208154	47.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.20%		
41) Toluene-d8	7.320	98	623320	45.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.56%		
43) trans-1,3-Dichloroprop...	7.625	79	100870	45.25	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.50%		
47) 2-Hexanone-d5	8.088	63	203726	111.98	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	111.98%		
57) 1,1,2,2-Tetrachloroeth...	10.220	84	287891	45.85	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.70%		
64) 1,2-Dichlorobenzene-d4	11.632	152	257896	49.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.08%		
Target Compounds						
13) Acetone	2.172	43	21774	13.25	ug/L	94
16) Methylene chloride	2.510	84	15293	3.94	ug/L	93
22) 2-Butanone	3.982	43	6495	2.78	ug/L #	41
25) Chloroform	4.378	83	29896	4.28	ug/L	93
27) 1,2-Dichloroethane	5.050	62	4309	0.78	ug/L	99
40) 4-Methyl-2-pentanone	7.188	43	93734	19.41	ug/L #	53
48) 2-Hexanone	8.153	43	9128	2.47	ug/L #	86
59) 1,2,3-Trichloropropane	11.255	75	31719	6.18	ug/L	90

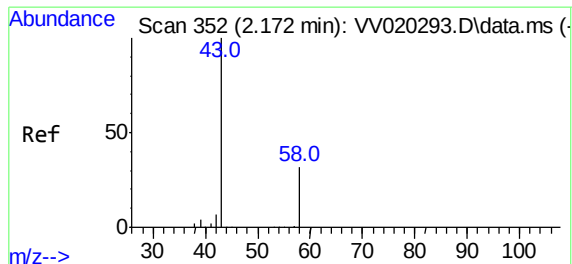
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Feb 12 00:27:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM020521WMA.M
Quant Title : VOC Analysis
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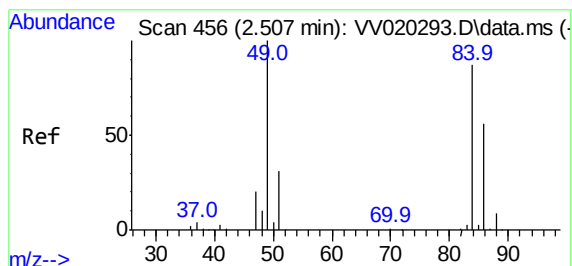
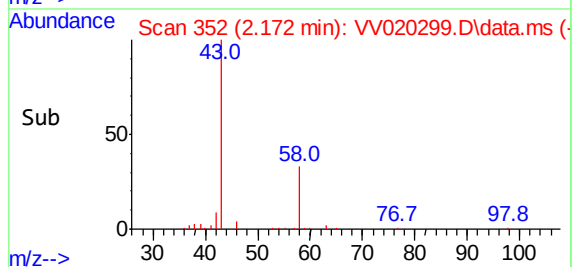
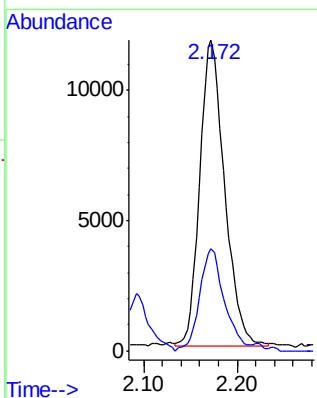
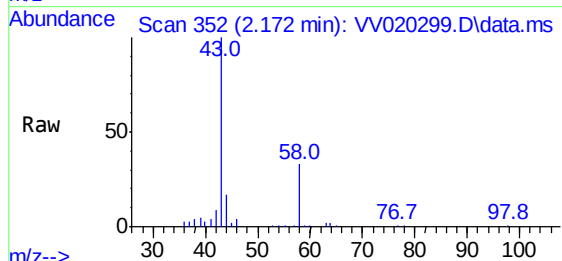




#13
Acetone
Concen: 13.25 ug/L
RT: 2.172 min Scan# 352
Delta R.T. 0.000 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

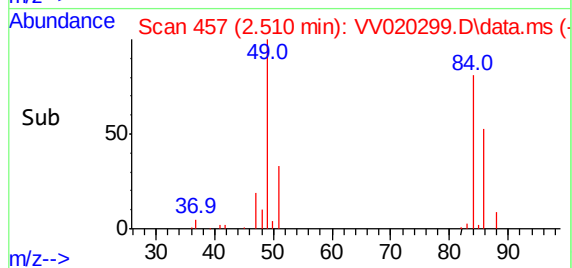
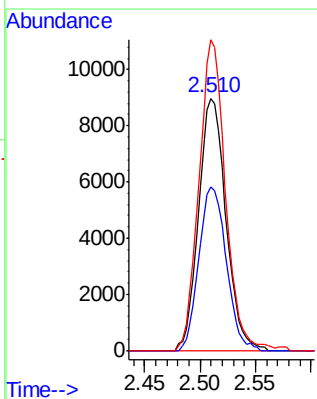
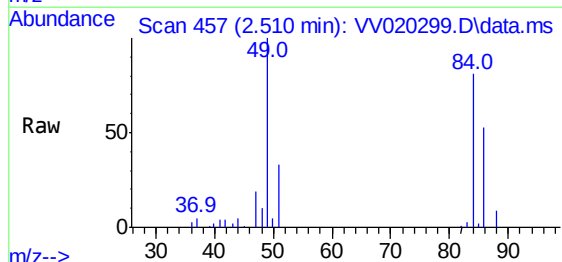
Instrument :
MSVOA_V
ClientSampled :
C0BJ3

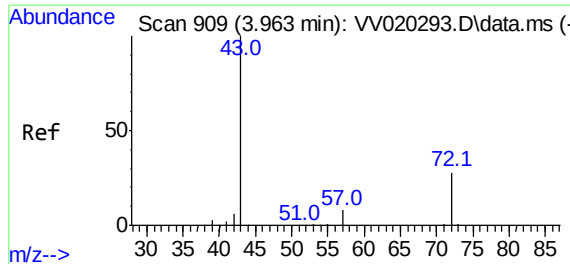
Tgt Ion: 43 Resp: 21774
Ion Ratio Lower Upper
43 100
58 33.3 0.0 60.2



#16
Methylene chloride
Concen: 3.94 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

Tgt Ion: 84 Resp: 15293
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 123.2 94.6 175.8

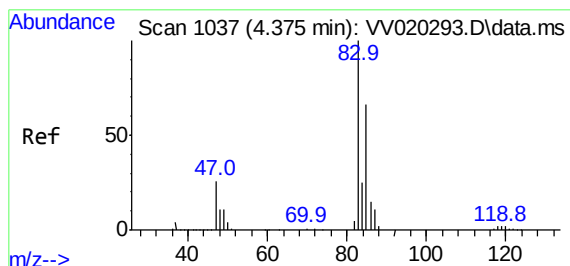
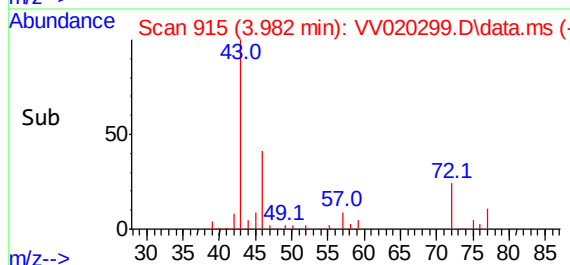
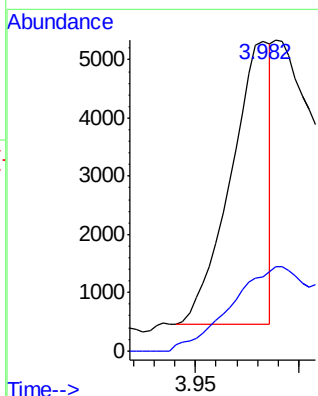
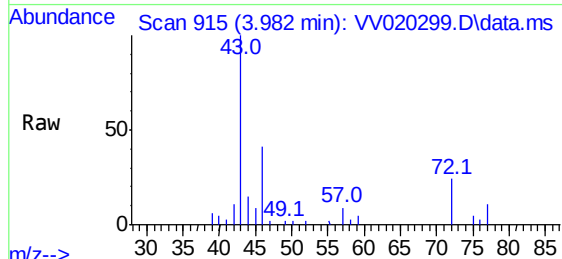




#22
2-Butanone
Concen: 2.78 ug/L
RT: 3.982 min Scan# 915
Delta R.T. 0.019 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

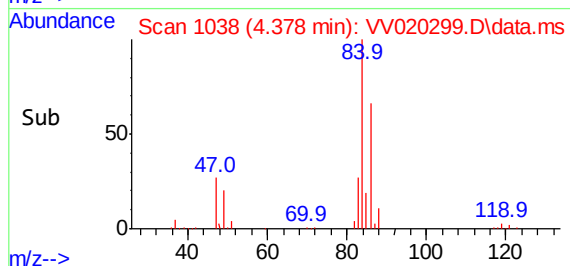
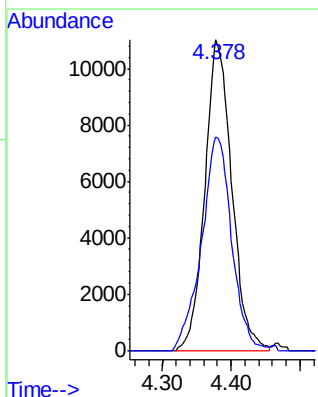
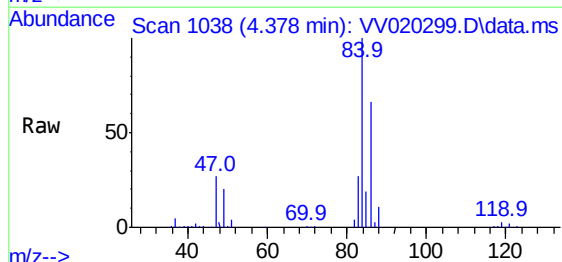
Instrument :
MSVOA_V
ClientSampled :
C0BJ3

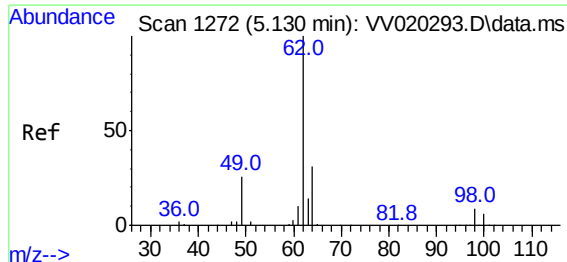
Tgt Ion: 43 Resp: 6495
Ion Ratio Lower Upper
43 100
72 53.7 12.2 36.6#



#25
Chloroform
Concen: 4.28 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

Tgt Ion: 83 Resp: 29896
Ion Ratio Lower Upper
83 100
85 68.5 44.2 82.2

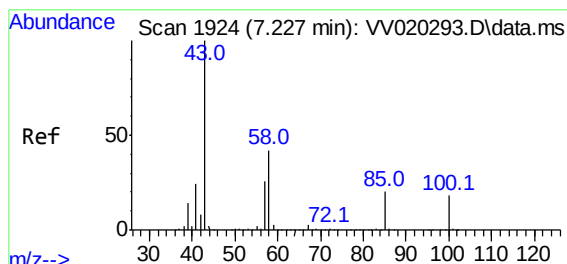
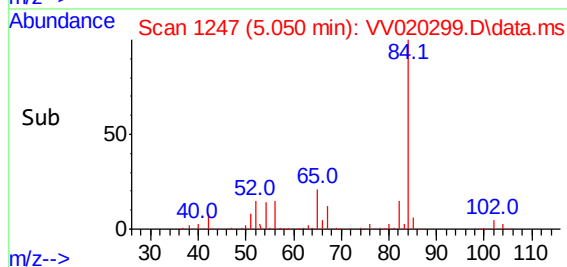
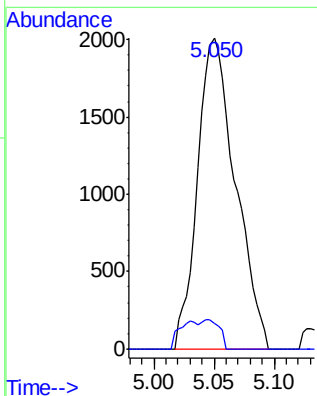
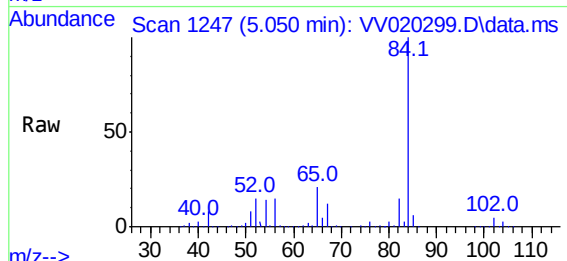




#27
1,2-Dichloroethane
Concen: 0.78 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.080 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

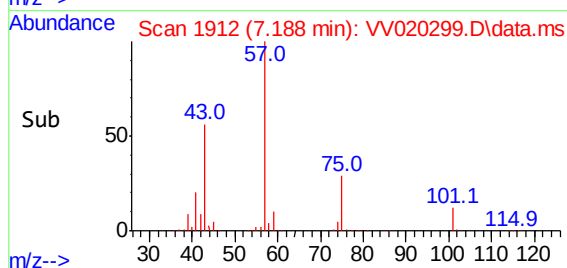
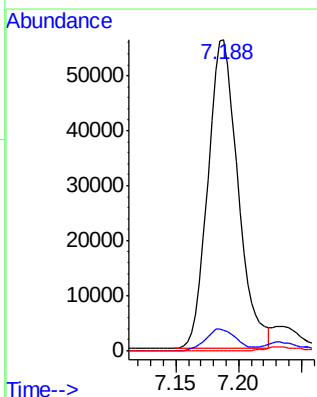
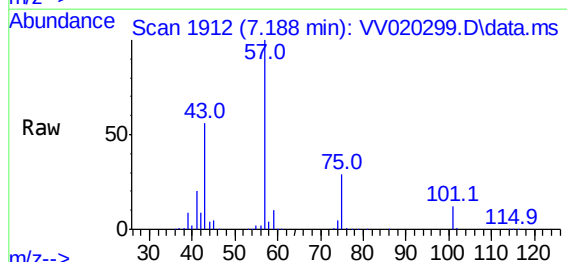
Instrument :
MSVOA_V
ClientSampled :
C0BJ3

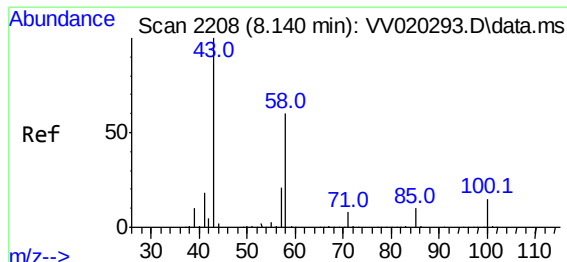
Tgt Ion: 62 Resp: 4309
Ion Ratio Lower Upper
62 100
98 8.3 6.9 10.3



#40
4-Methyl-2-pentanone
Concen: 19.41 ug/L
RT: 7.188 min Scan# 1912
Delta R.T. -0.038 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

Tgt Ion: 43 Resp: 93734
Ion Ratio Lower Upper
43 100
58 7.0 30.7 46.1#
100 0.0 11.6 17.4#

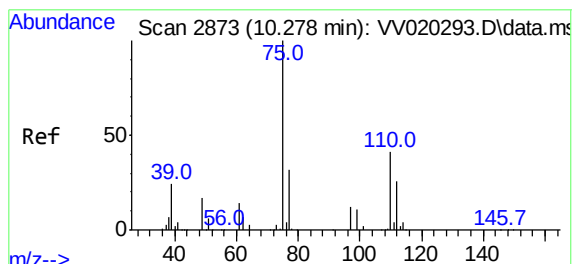
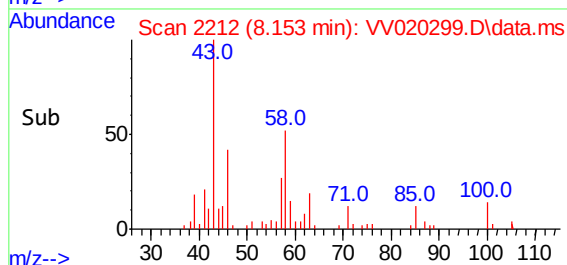
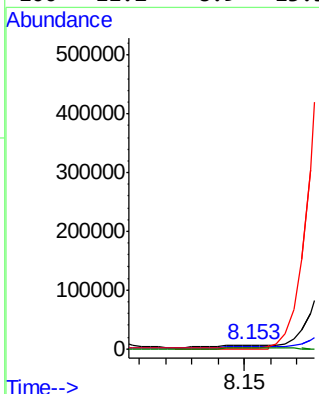
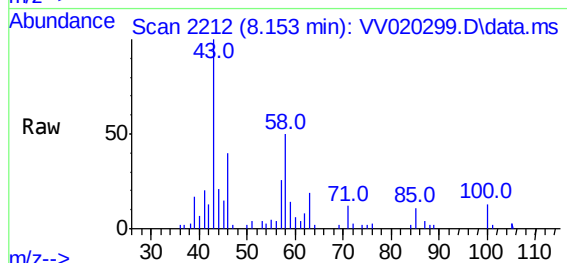




#48
2-Hexanone
Concen: 2.47 ug/L
RT: 8.153 min Scan# 2212
Delta R.T. 0.013 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

Instrument :
MSVOA_V
ClientSampled :
C0BJ3

Tgt Ion: 43 Resp: 9128
Ion Ratio Lower Upper
43 100
58 47.2 41.8 62.6
57 0.0 15.0 22.4#
100 11.2 8.9 13.3



#59
1,2,3-Trichloropropane
Concen: 6.18 ug/L
RT: 11.255 min Scan# 3177
Delta R.T. 0.978 min
Lab File: VV020299.D
Acq: 11 Feb 2021 15:17

Tgt Ion: 75 Resp: 31719
Ion Ratio Lower Upper
75 100
77 37.2 25.4 38.0

