

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011521\
 Data File : VW020019.D
 Acq On : 15 Jan 2021 12:37
 Operator : SY/MD
 Sample : M1147-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4T9

Quant Time: Jan 16 04:45:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 16 04:43:48 2021
 Response via : Initial Calibration

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

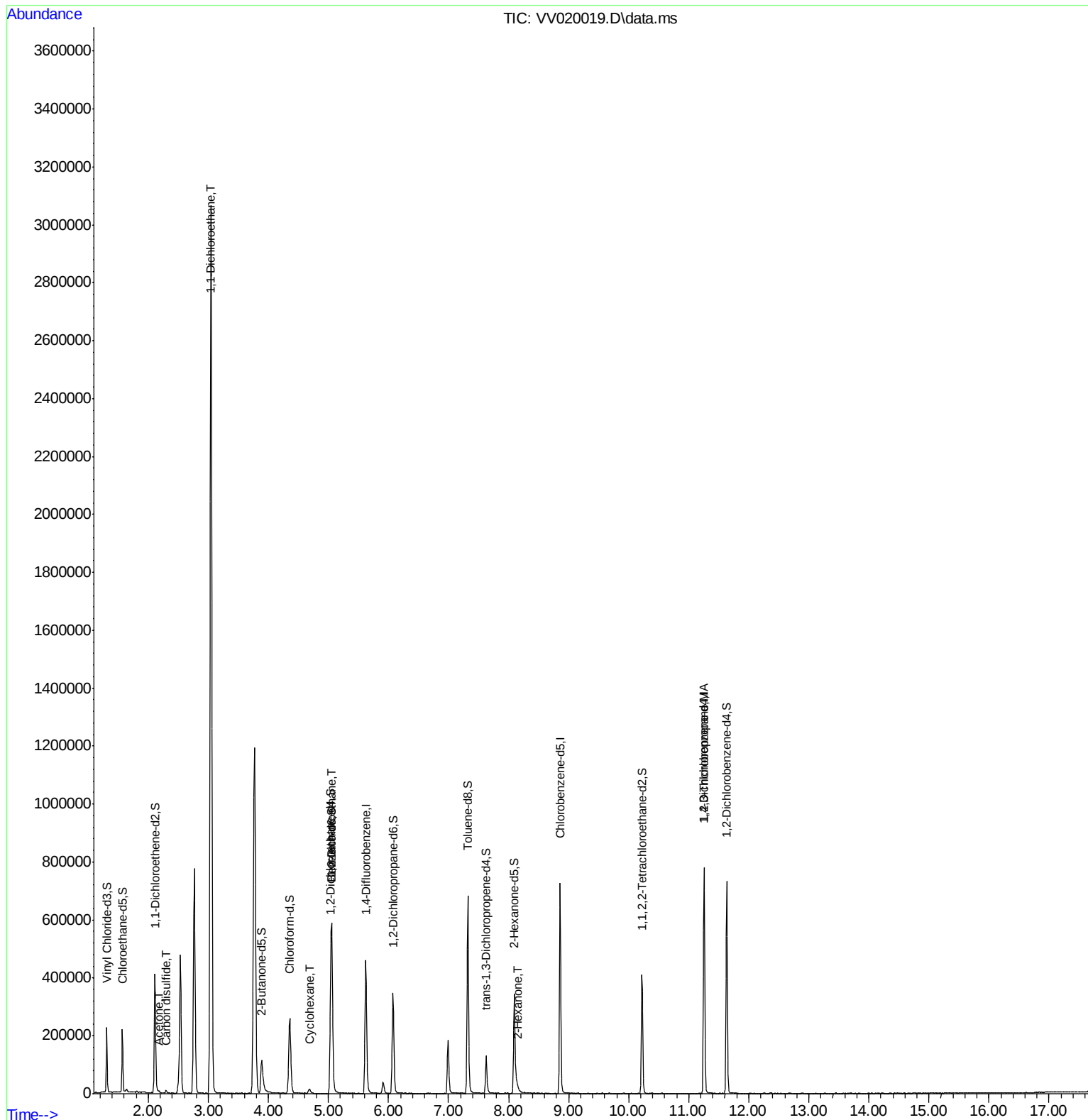
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	369014	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	357263	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	182709	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	134914	43.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.68%		
7) Chloroethane-d5	1.569	69	131391	52.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.76%		
11) 1,1-Dichloroethene-d2	2.109	63	217594	35.49	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.98%		
21) 2-Butanone-d5	3.884	46	195373	96.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.76%		
24) Chloroform-d	4.354	84	255798	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.24%		
26) 1,2-Dichloroethane-d4	5.039	65	184030	48.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.56%		
32) Benzene-d6	5.055	84	472125	46.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.64%		
36) 1,2-Dichloropropane-d6	6.074	67	149652	47.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	95.08%		
41) Toluene-d8	7.321	98	417248	45.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.32%		
43) trans-1,3-Dichloroprop...	7.627	79	68943	42.20	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.40%		
47) 2-Hexanone-d5	8.093	63	102489	81.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.20%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	180491	42.41	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.82%		
64) 1,2-Dichlorobenzene-d4	11.633	152	171033	48.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.94%		
Target Compounds						
13) Acetone	2.177	43	7496	4.20	ug/L	99
14) Carbon disulfide	2.296	76	10568	1.37	ug/L	99
19) 1,1-Dichloroethane	3.042	63	6501	1.30	ug/L #	23
27) 1,2-Dichloroethane	5.051	62	3501	0.80	ug/L	97
29) Cyclohexane	4.685	56	7437	1.76	ug/L #	79
48) 2-Hexanone	8.148	43	13596	4.18	ug/L	93
59) 1,2,3-Trichloropropane	11.254	75	24098	6.59	ug/L	91

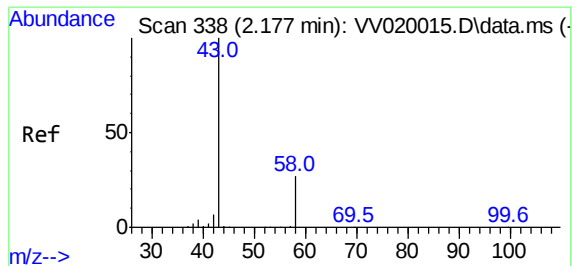
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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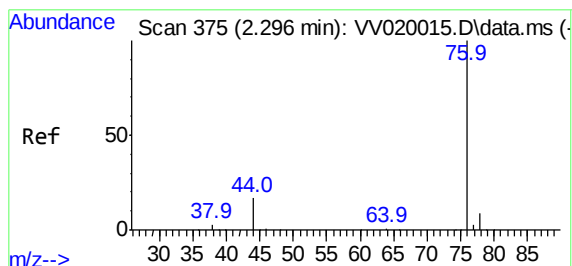
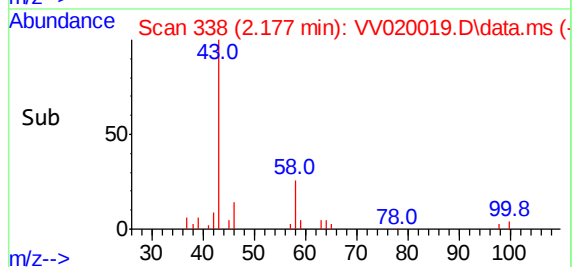
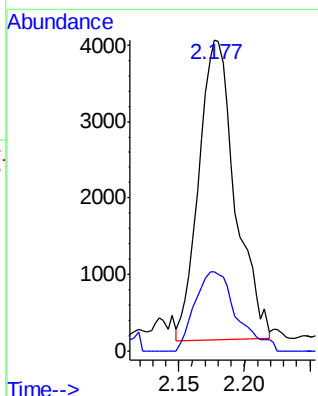
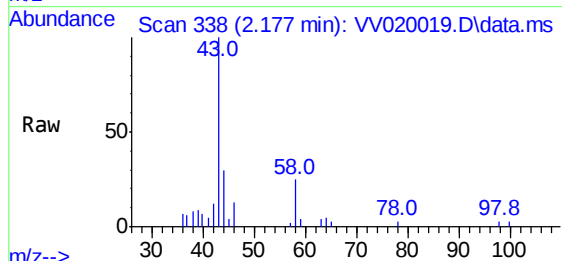




#13
Acetone
Concen: 4.20 ug/L
RT: 2.177 min Scan# 338
Delta R.T. -0.000 min
Lab File: VV020019.D
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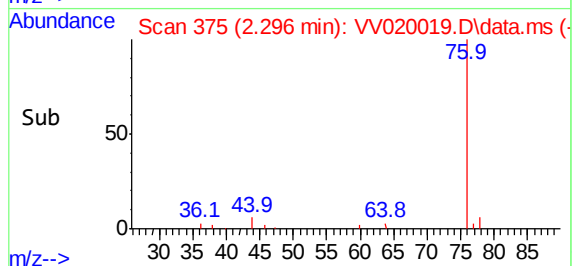
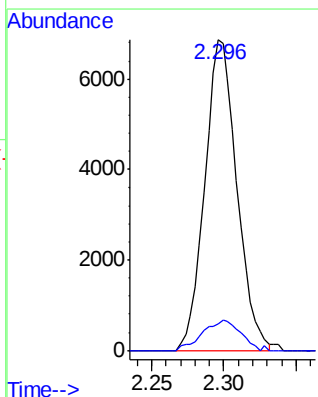
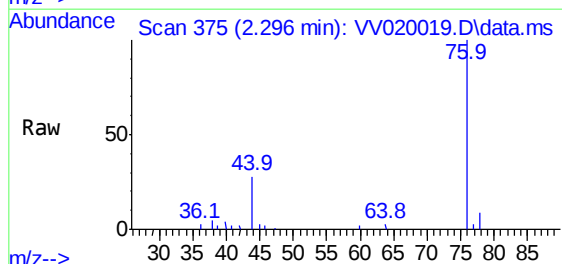
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BG4T9

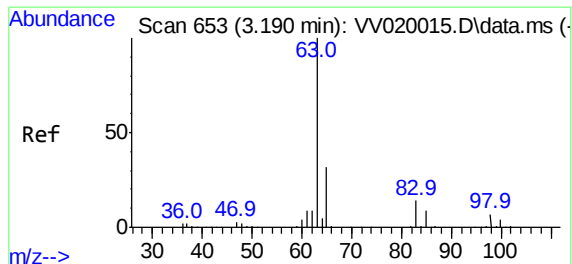
Tgt Ion: 43 Resp: 7496
Ion Ratio Lower Upper
43 100
58 29.3 0.0 60.2



#14
Carbon disulfide
Concen: 1.37 ug/L
RT: 2.296 min Scan# 375
Delta R.T. -0.000 min
Lab File: VV020019.D
Acq: 15 Jan 2021 12:37

Tgt Ion: 76 Resp: 10568
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

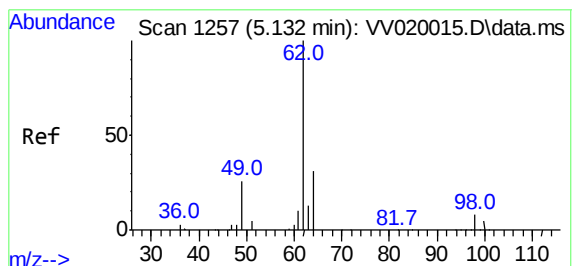
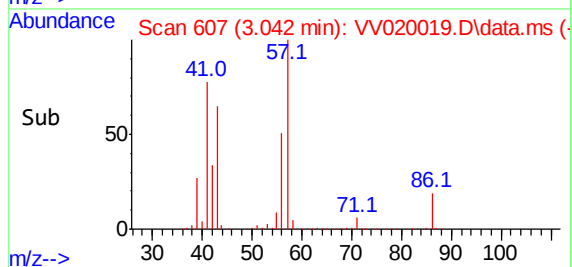
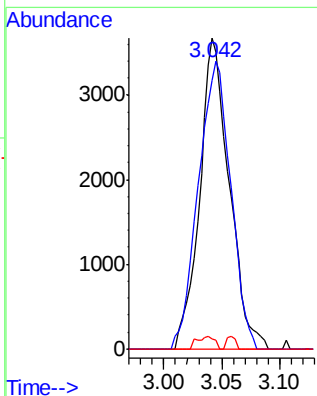
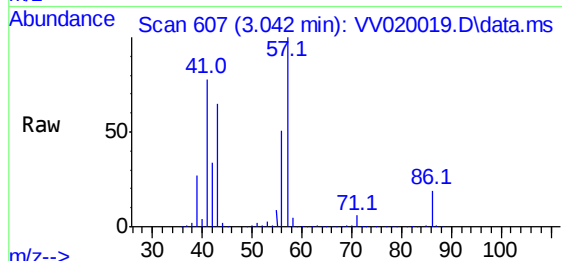




#19
1,1-Dichloroethane
Concen: 1.30 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.148 min
Lab File: VV020019.D
Acq: 15 Jan 2021 12:37

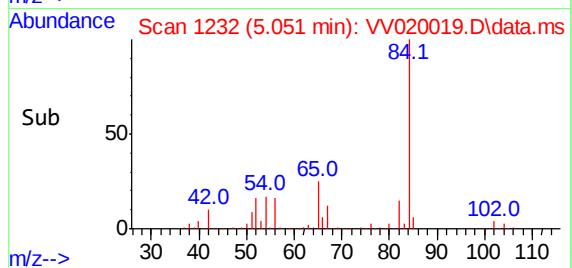
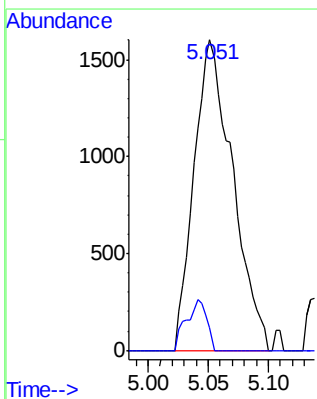
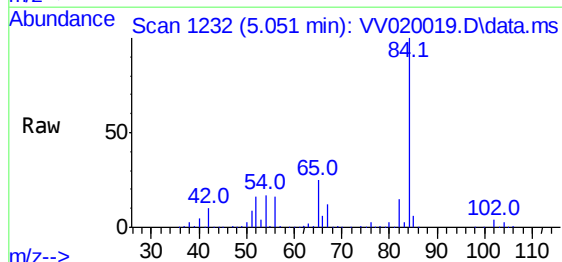
Instrument :
MSVOA_V
ClientSampleId :
BG4T9

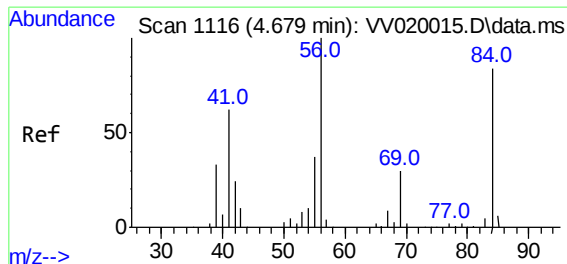
Tgt Ion: 63 Resp: 6501
Ion Ratio Lower Upper
63 100
65 86.5 21.9 40.7#
83 3.3 9.5 17.7#



#27
1,2-Dichloroethane
Concen: 0.80 ug/L
RT: 5.051 min Scan# 1232
Delta R.T. -0.081 min
Lab File: VV020019.D
Acq: 15 Jan 2021 12:37

Tgt Ion: 62 Resp: 3501
Ion Ratio Lower Upper
62 100
98 7.5 6.9 10.3

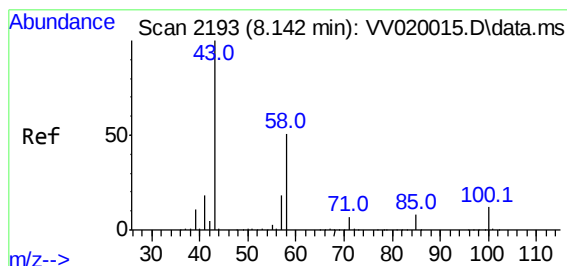
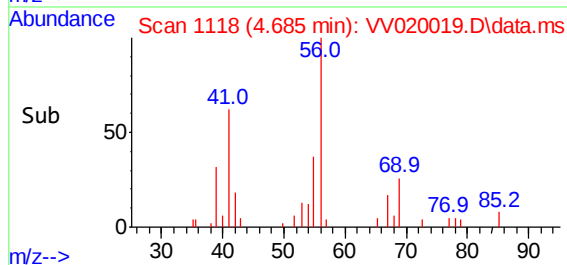
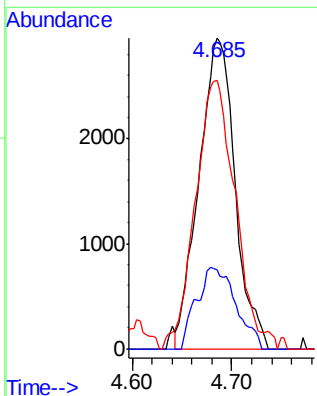
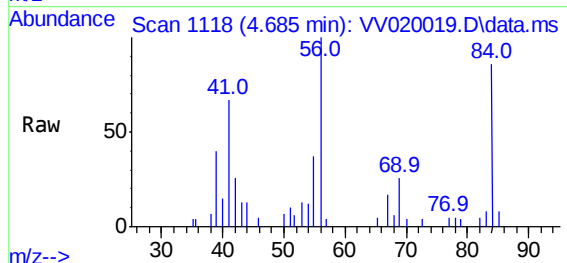




#29
Cyclohexane
Concen: 1.76 ug/L
RT: 4.685 min Scan# 1118
Delta R.T. 0.006 min
Lab File: VV020019.D
Acq: 15 Jan 2021 12:37

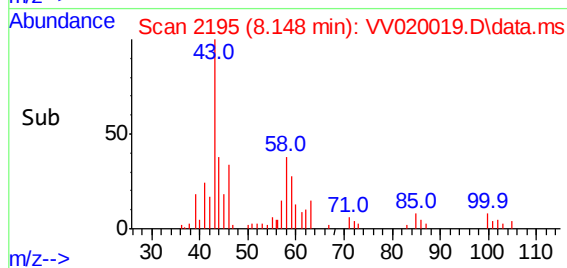
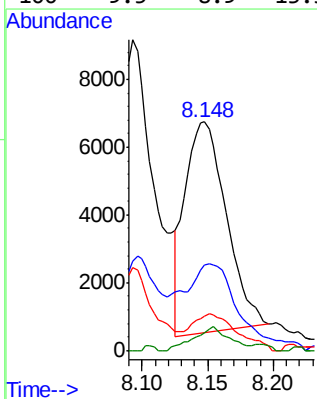
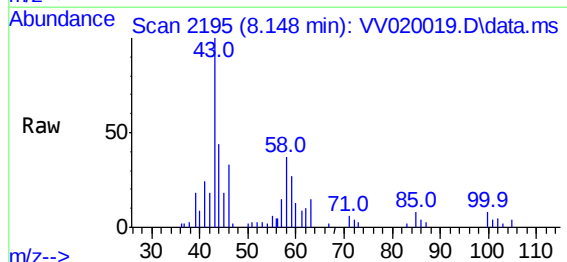
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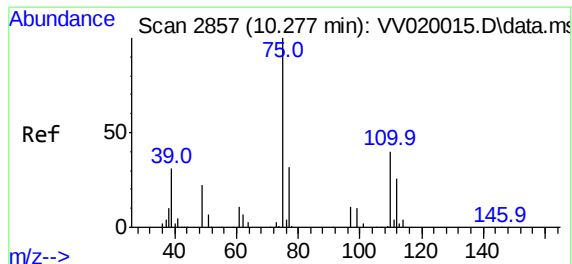
Tgt Ion: 56 Resp: 7437
Ion Ratio Lower Upper
56 100
69 5.9 24.2 36.2#
84 93.7 66.3 99.5



#48
2-Hexanone
Concen: 4.18 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.006 min
Lab File: VV020019.D
Acq: 15 Jan 2021 12:37

Tgt Ion: 43 Resp: 13596
Ion Ratio Lower Upper
43 100
58 44.9 41.8 62.6
57 18.5 15.0 22.4
100 9.5 8.9 13.3





#59
 1,2,3-Trichloropropane
 Concen: 6.59 ug/L
 RT: 11.254 min Scan# 3161
 Delta R.T. 0.977 min
 Lab File: VV020019.D
 Acq: 15 Jan 2021 12:37

Instrument :
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 ClientSampleId :
 BG4T9

Tgt Ion: 75 Resp: 24098
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.4 38.0

