

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
 Data File : VV018030.D
 Acq On : 17 Aug 2020 17:09
 Operator : SY/MD
 Sample : L3684-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Aug 18 01:27:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 18 01:23:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	278783	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	274205	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132927	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91233	42.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.78%
7) Chloroethane-d5	1.58	69	78590	45.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.32%
11) 1,1-Dichloroethene-d2	2.12	63	136810	33.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.24%
21) 2-Butanone-d5	3.91	46	122639	88.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.03%
24) Chloroform-d	4.38	84	166045	42.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.76%
26) 1,2-Dichloroethane-d4	5.06	65	115650	45.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.96%
32) Benzene-d6	5.07	84	338323	44.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.54%
36) 1,2-Dichloropropane-d6	6.09	67	111076	44.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.92%
41) Toluene-d8	7.34	98	297245	43.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.48%
43) trans-1,3-Dichloropropene-	7.64	79	50151	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.11	63	58917	74.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.31%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	131208	40.78	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	123624	47.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.50%

Target Compounds

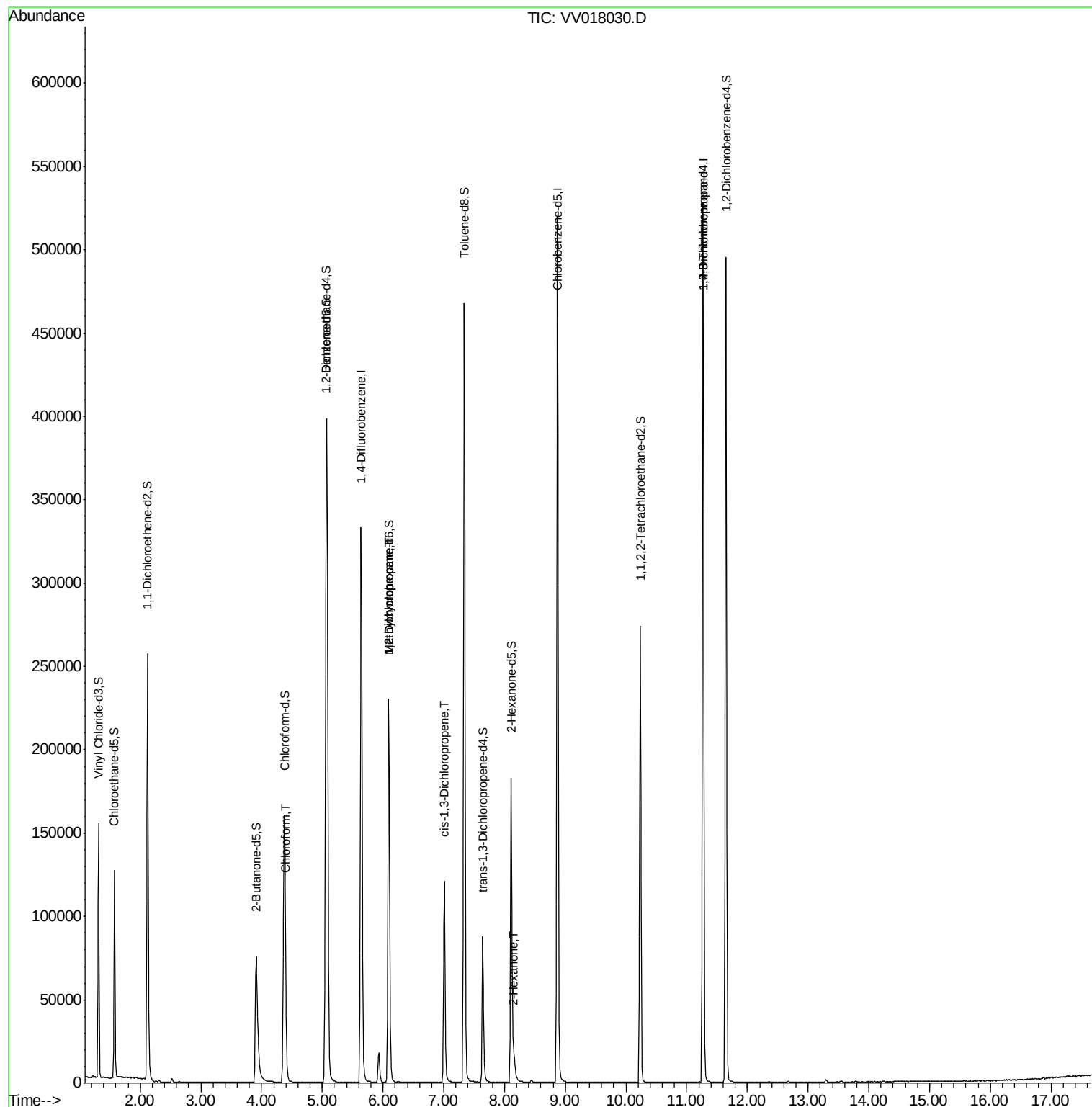
					Ovalue
25) Chloroform	4.40	83	4240	1.075 ug/L	95
35) Methylcyclohexane	6.09	83	26248	7.872 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	12436	5.375 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	3121	0.952 ug/L #	71
48) 2-Hexanone	8.16	43	8005	3.282 ug/L #	78
59) 1,2,3-Trichloropropane	11.27	75	16289	5.701 ug/L	92

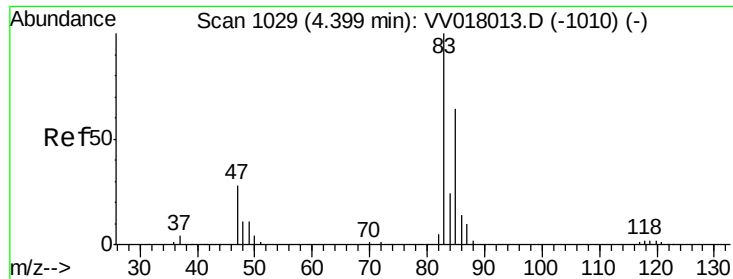
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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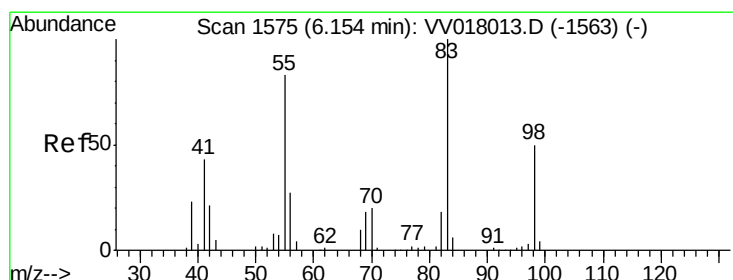
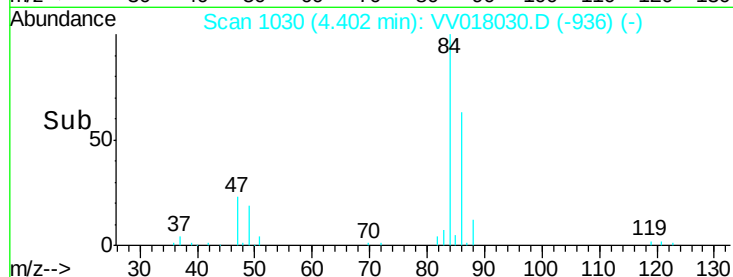
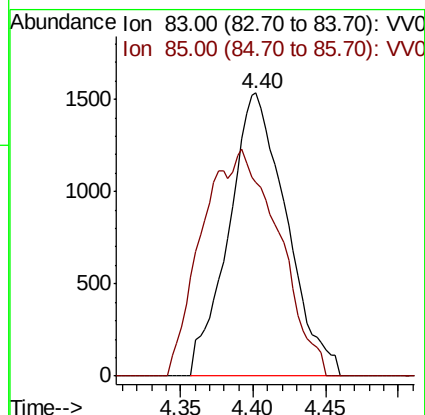
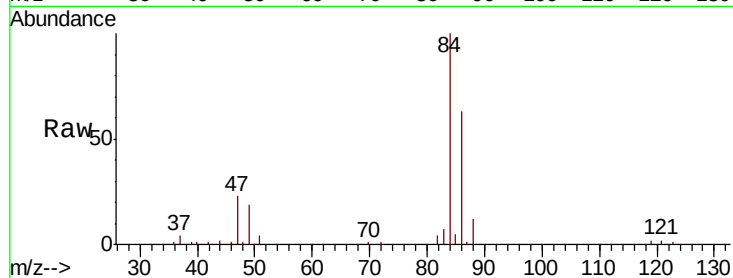




#25
Chloroform
Concen: 1.075 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV018030.D
Acq: 17 Aug 2020 17:09

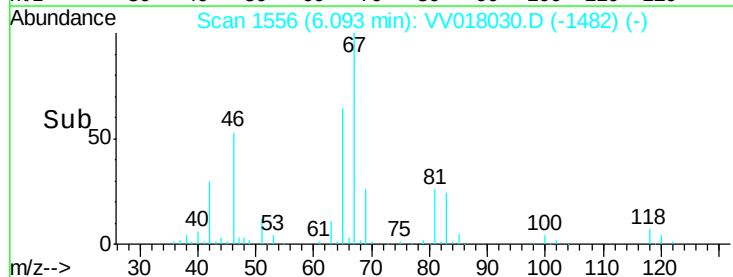
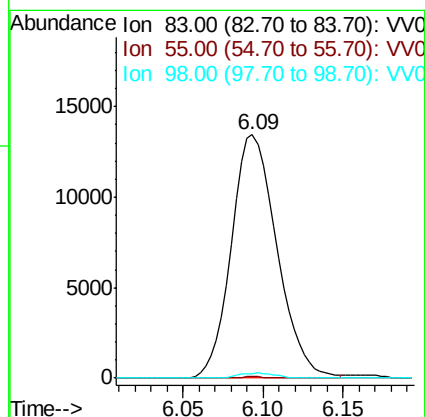
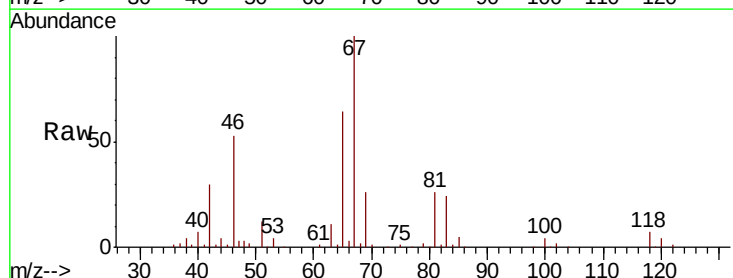
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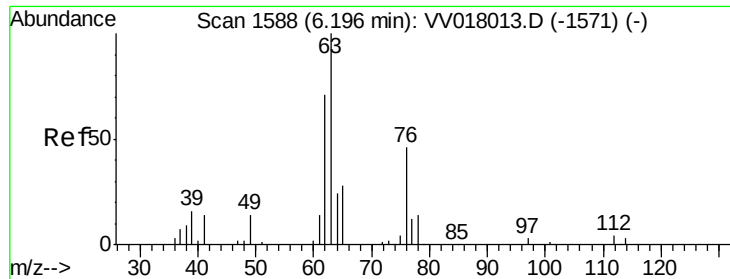
Tot Ion: 83 Resp: 4240
Ion Ratio Lower Upper
83 100
85 68.6 45.5 84.5



#35
Methylcyclohexane
Concen: 7.872 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018030.D
Acq: 17 Aug 2020 17:09

Tgt Ion: 83 Resp: 26248
Ion Ratio Lower Upper
83 100
55 0.2 64.9 97.3#
98 1.6 38.7 58.1#

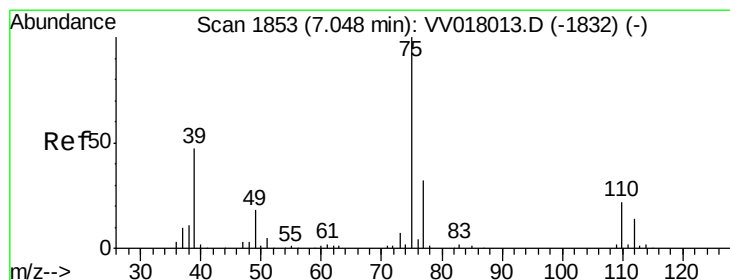
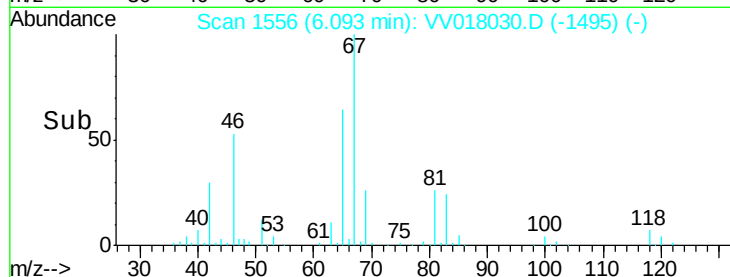
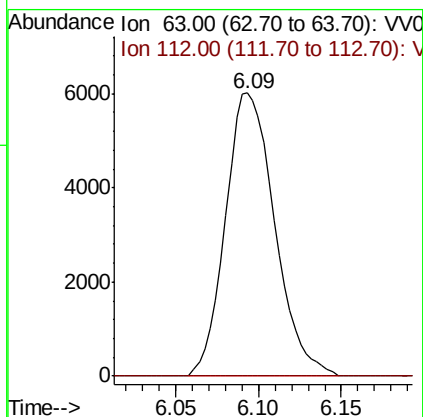
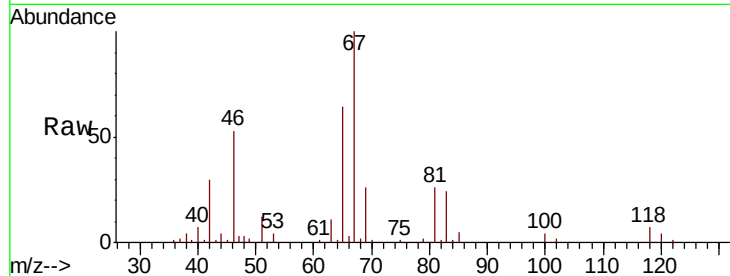




#37
 1,2-Dichloropropane
 Concen: 5.375 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018030.D
 Acq: 17 Aug 2020 17:09

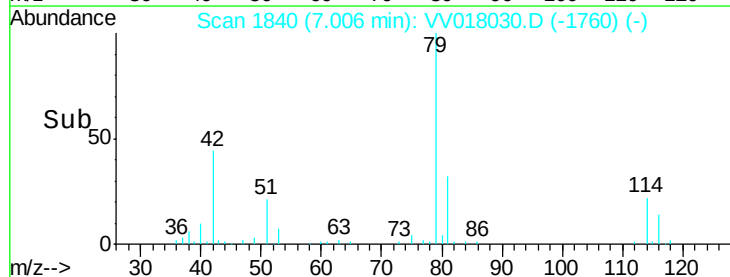
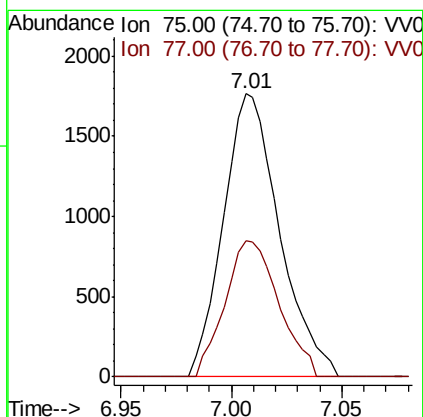
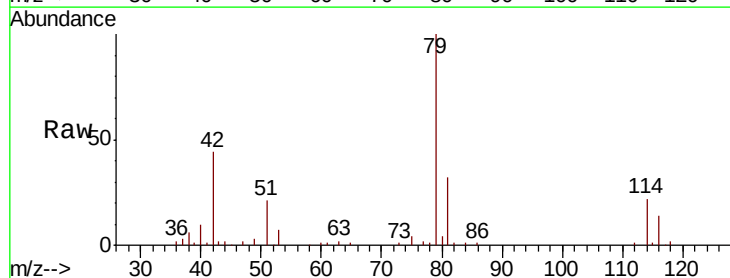
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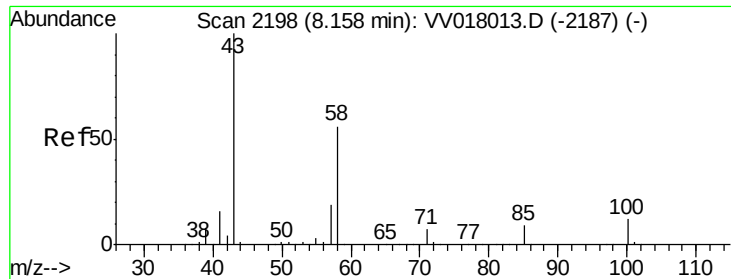
Tot Ion: 63 Resp: 12436
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.952 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018030.D
 Acq: 17 Aug 2020 17:09

Tgt Ion: 75 Resp: 3121
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.3 41.5#

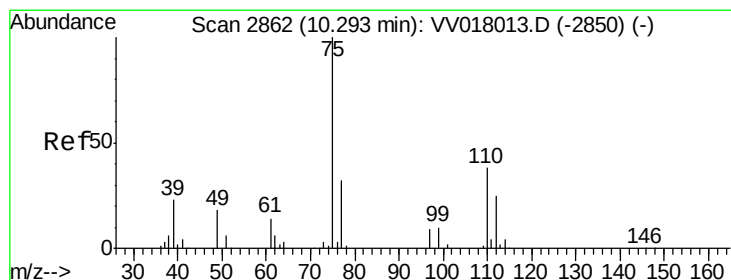
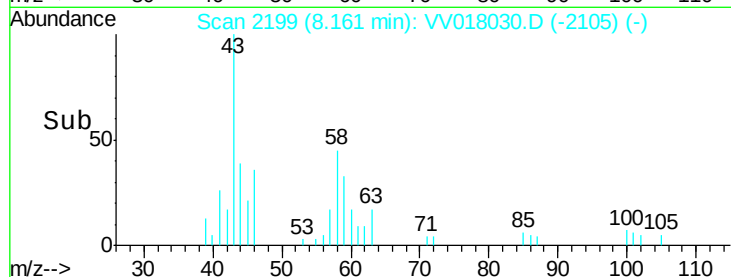
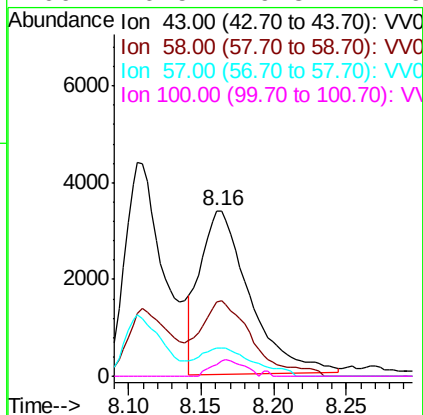
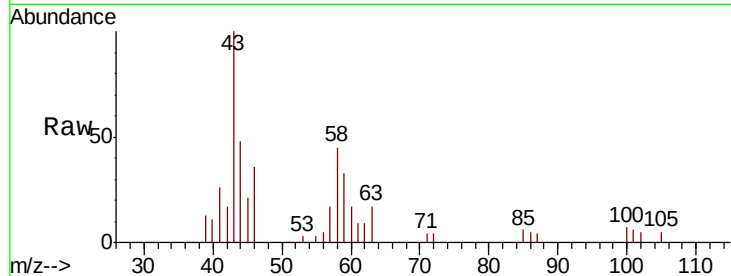




#48
2-Hexanone
Concen: 3.282 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018030.D
Acq: 17 Aug 2020 17:09

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Tot Ion: 43 Resp: 8005
Ion Ratio Lower Upper
43 100
58 36.8 44.4 66.6#
57 12.3 15.2 22.8#
100 6.5 9.8 14.6#



#59
1,2,3-Trichloropropane
Concen: 5.701 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018030.D
Acq: 17 Aug 2020 17:09

Tgt Ion: 75 Resp: 16289
Ion Ratio Lower Upper
75 100
77 36.5 25.7 38.5

