

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018399.D
 Acq On : 22 Sep 2020 16:51
 Operator : SY/MD
 Sample : L4090-06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWX8

Quant Time: Sep 23 05:58:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 23 05:49:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	249515	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	250271	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	118304	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79448	39.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.14%
7) Chloroethane-d5	1.58	69	69005	41.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.94%
11) 1,1-Dichloroethene-d2	2.12	63	121744	32.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.28%
21) 2-Butanone-d5	3.92	46	110113	88.47	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.47%
24) Chloroform-d	4.38	84	156883	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
26) 1,2-Dichloroethane-d4	5.06	65	104985	46.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.84%
32) Benzene-d6	5.08	84	318389	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
36) 1,2-Dichloropropane-d6	6.09	67	101962	44.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.58%
41) Toluene-d8	7.34	98	284349	43.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.10%
43) trans-1,3-Dichloropropene-	7.64	79	48272	41.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.46%
47) 2-Hexanone-d5	8.11	63	65764	76.27	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.27%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	119049	41.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.34%
64) 1,2-Dichlorobenzene-d4	11.65	152	120610	49.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.28%

Target Compounds

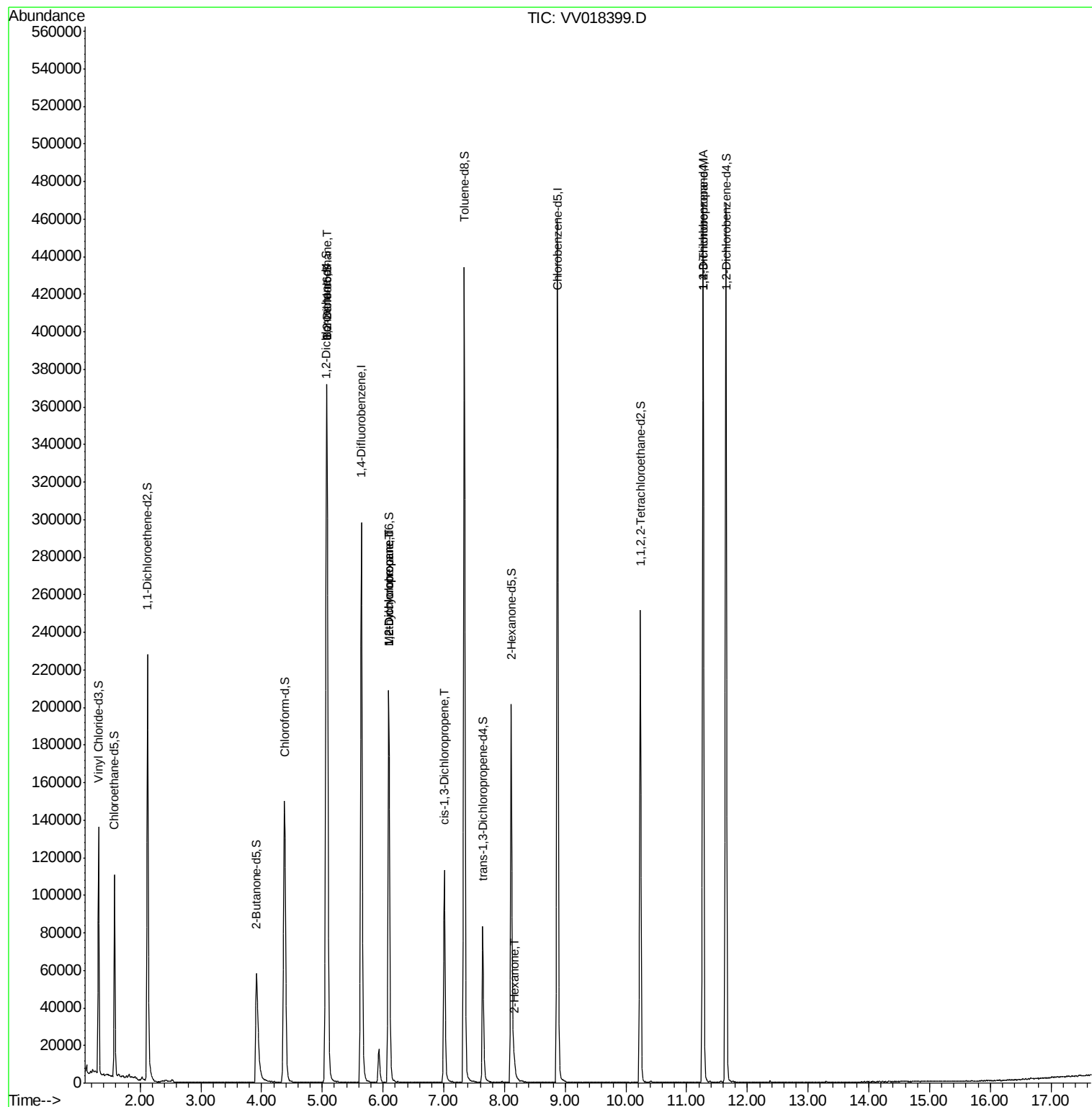
					Ovalue
27) 1,2-Dichloroethane	5.07	62	1963	0.781 ug/L #	91
35) Methylcyclohexane	6.10	83	24920	8.491 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11093	5.850 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2789	0.955 ug/L #	65
48) 2-Hexanone	8.17	43	5868	3.236 ug/L #	68
59) 1,2,3-Trichloropropane	11.27	75	13342	5.982 ug/L	90

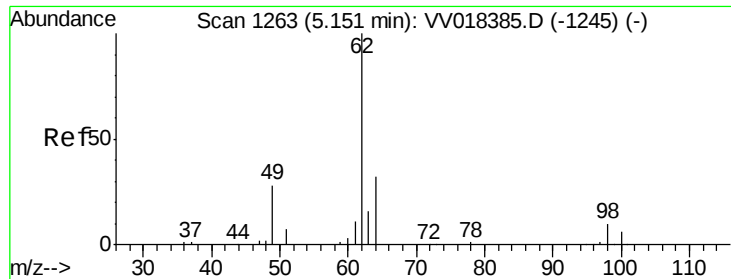
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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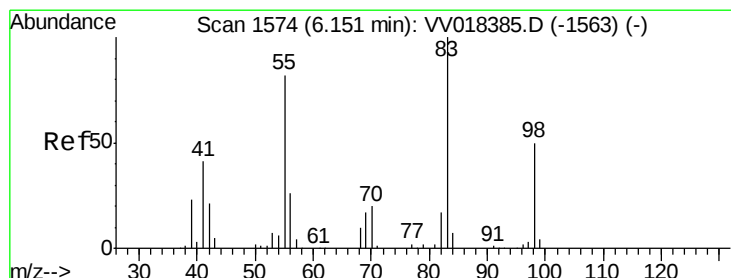
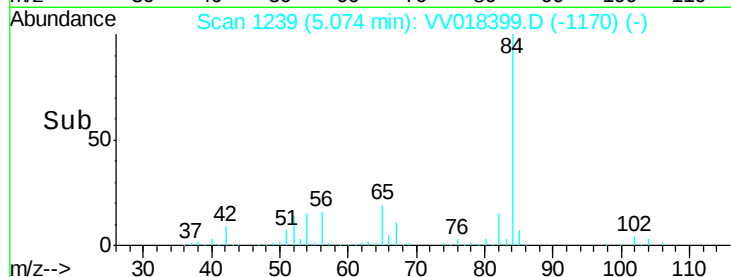
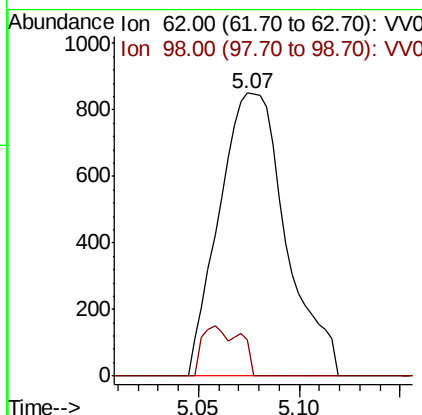
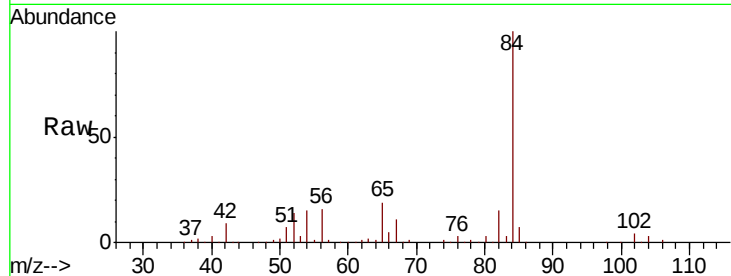




#27
 1,2-Dichloroethane
 Concen: 0.781 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV018399.D
 Acq: 22 Sep 2020 16:51

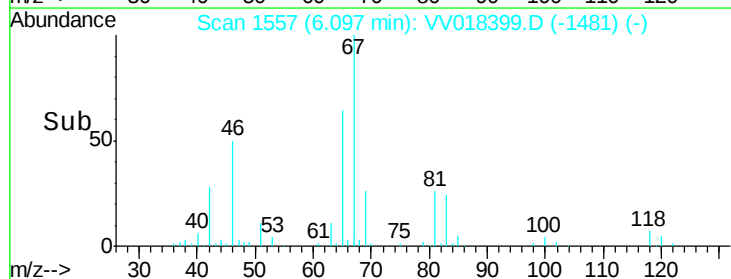
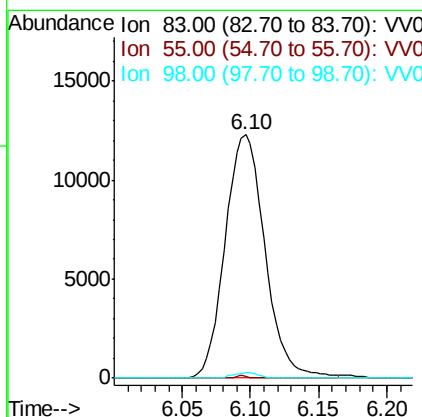
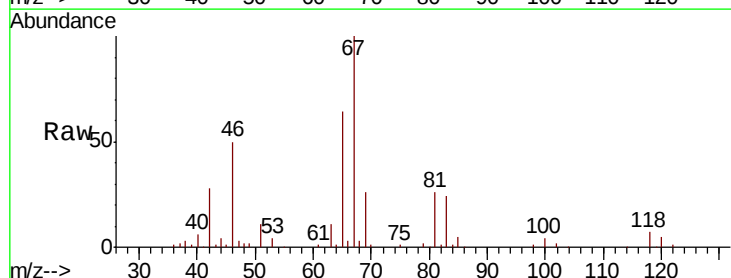
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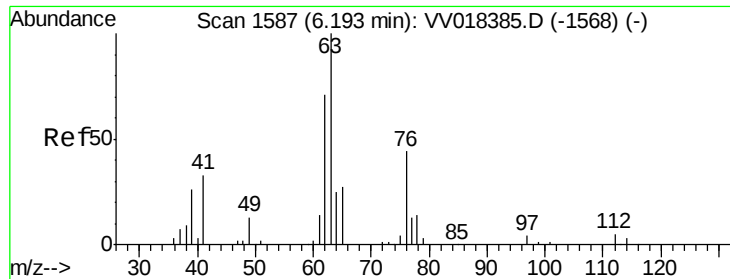
Tot Ion: 62 Resp: 1963
 Ion Ratio Lower Upper
 62 100
 98 12.8 7.6 11.4#



#35
 Methylcyclohexane
 Concen: 8.491 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV018399.D
 Acq: 22 Sep 2020 16:51

Tgt Ion: 83 Resp: 24920
 Ion Ratio Lower Upper
 83 100
 55 0.3 63.4 95.2#
 98 1.3 38.8 58.2#

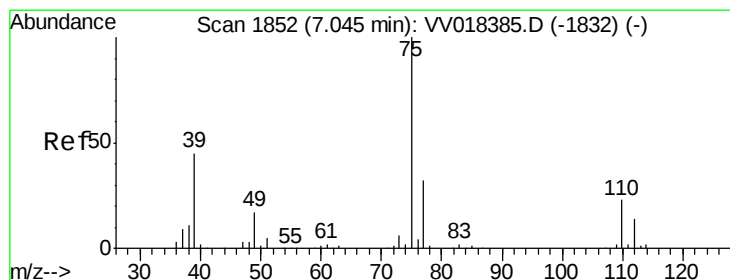
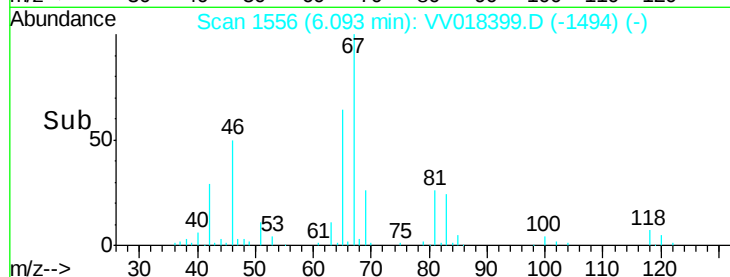
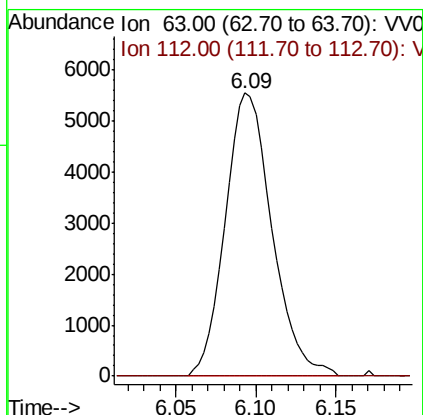
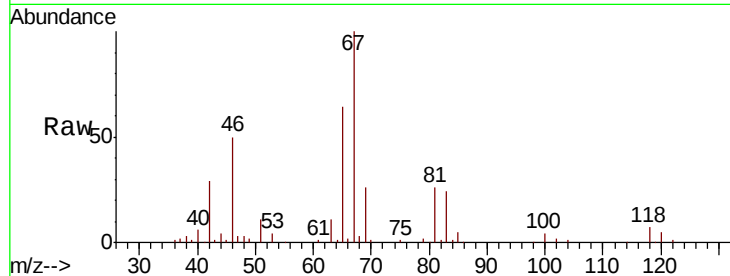




#37
 1,2-Dichloropropane
 Concen: 5.850 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018399.D
 Acq: 22 Sep 2020 16:51

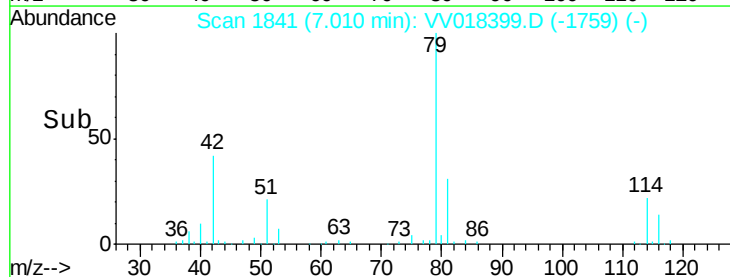
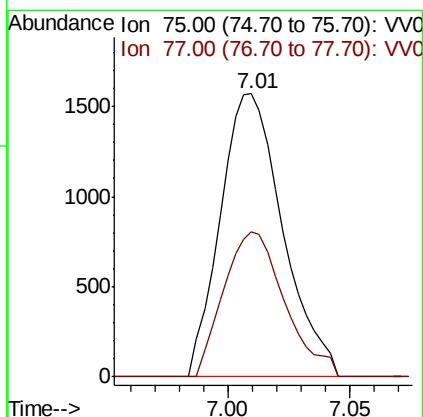
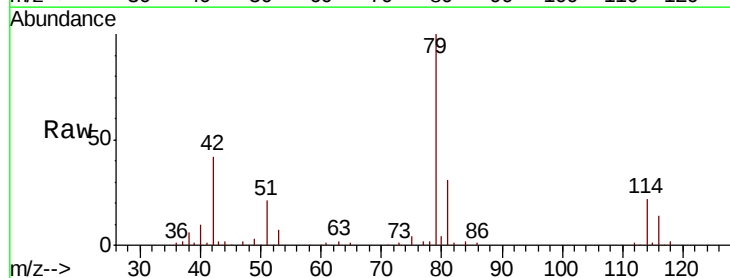
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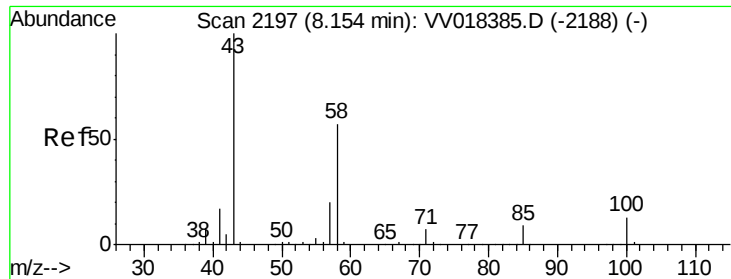
Tot Ion: 63 Resp: 11093
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.955 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018399.D
 Acq: 22 Sep 2020 16:51

Tgt Ion: 75 Resp: 2789
 Ion Ratio Lower Upper
 75 100
 77 51.5 22.3 41.3#

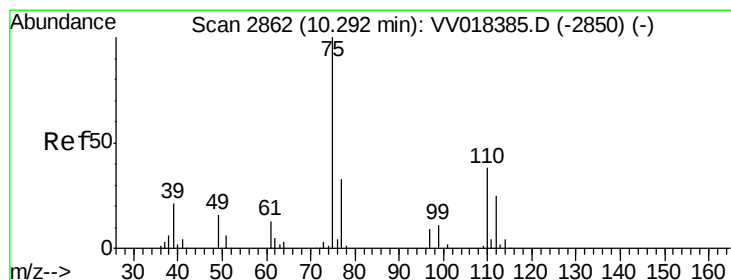
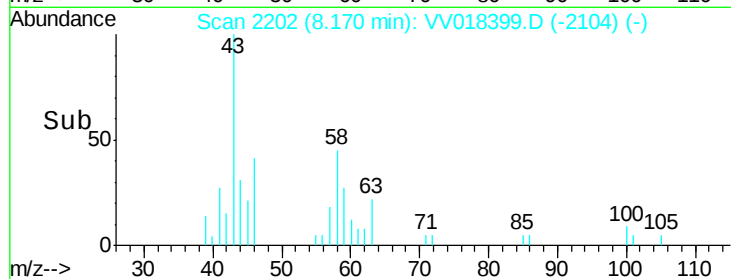
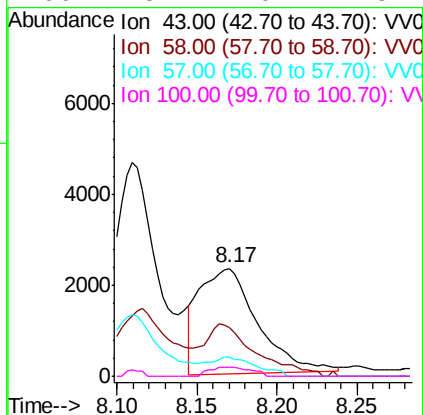
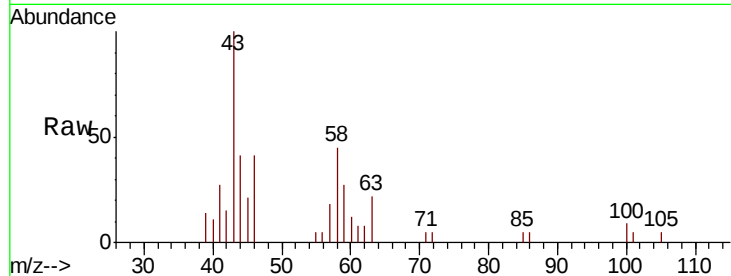




#48
2-Hexanone
Concen: 3.236 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.02 min
Lab File: VV018399.D
Acq: 22 Sep 2020 16:51

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Tot Ion: 43 Resp: 5868
Ion Ratio Lower Upper
43 100
58 26.8 44.8 67.2#
57 11.4 15.8 23.6#
100 6.1 10.2 15.4#



#59
1,2,3-Trichloropropane
Concen: 5.982 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018399.D
Acq: 22 Sep 2020 16:51

Tgt Ion: 75 Resp: 13342
Ion Ratio Lower Upper
75 100
77 37.6 25.8 38.6

