

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092220\
 Data File : VV018387.D
 Acq On : 22 Sep 2020 11:59
 Operator : SY/MD
 Sample : L4090-08DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWY0DL

Quant Time: Sep 23 05:56:51 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	280063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	278331	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	135760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90311	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.14%
7) Chloroethane-d5	1.58	69	78297	41.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.84%
11) 1,1-Dichloroethene-d2	2.12	63	134169	32.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.10%
21) 2-Butanone-d5	3.91	46	119121	85.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.27%
24) Chloroform-d	4.37	84	172629	43.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.18%
26) 1,2-Dichloroethane-d4	5.05	65	112051	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.28%
32) Benzene-d6	5.07	84	336078	42.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.36%
36) 1,2-Dichloropropane-d6	6.09	67	110178	43.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.04%
41) Toluene-d8	7.33	98	296497	40.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.66%
43) trans-1,3-Dichloropropene-	7.64	79	52097	40.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.98%
47) 2-Hexanone-d5	8.11	63	76032	79.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.28%
57) 1,1,1,2,2-Tetrachloroethane-	10.23	84	132776	41.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.58%
64) 1,2-Dichlorobenzene-d4	11.65	152	128509	46.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.18%

Target Compounds

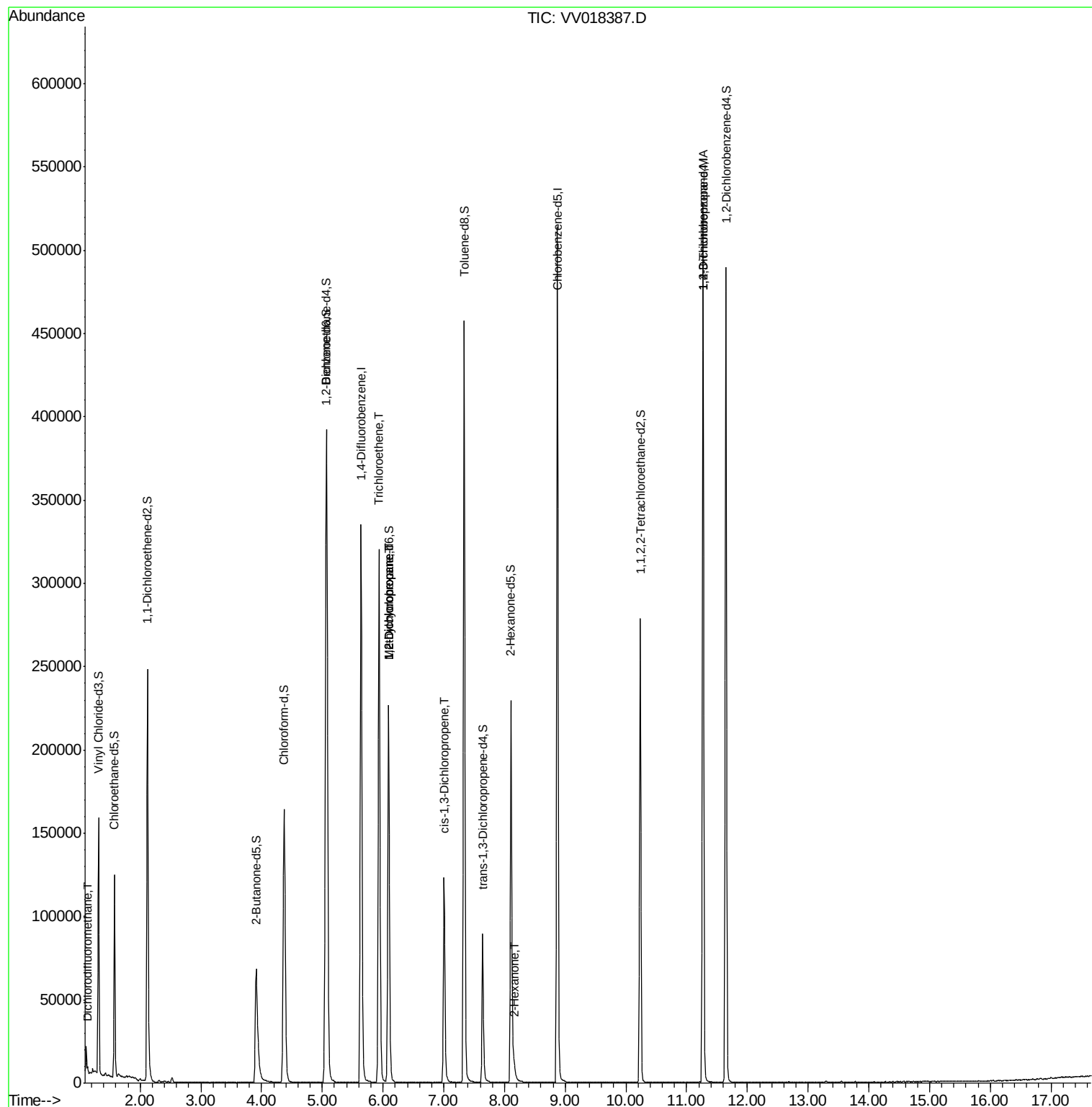
					Ovalue
2) Dichlorodifluoromethane	1.14	85	1753	0.858 ug/L	95
34) Trichloroethene	5.94	95	108657	50.123 ug/L	98
35) Methylcyclohexane	6.09	83	27042	8.285 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11829	5.610 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2978	0.917 ug/L #	62
48) 2-Hexanone	8.17	43	4602	2.282 ug/L #	70
59) 1,2,3-Trichloropropane	11.27	75	15694	6.328 ug/L	93

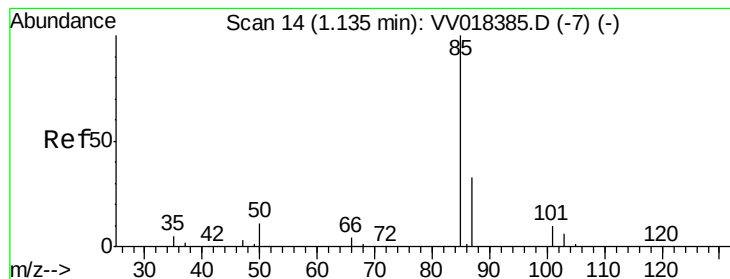
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 0.858 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018387.D

Acq: 22 Sep 2020 11:59

Instrument :

MSVOA_V

ClientSampleId :

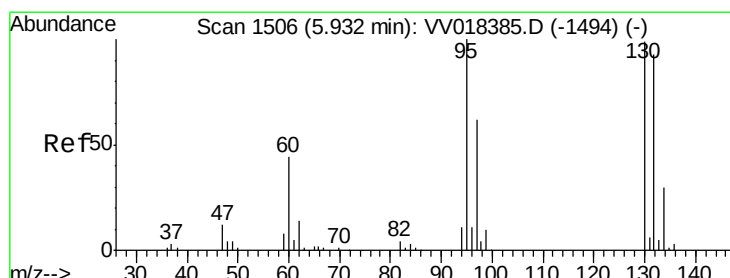
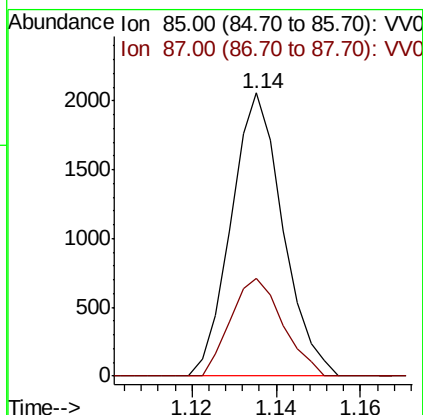
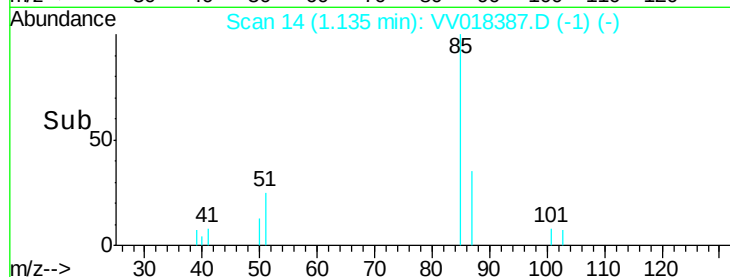
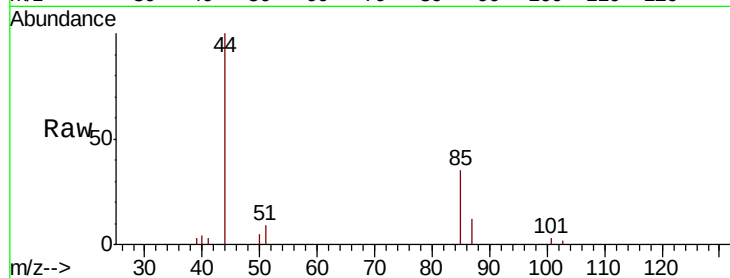
BFWY0DL

Tot Ion: 85 Resp: 1753

Ion Ratio Lower Upper

85 100

87 34.7 25.7 38.5



#34

Trichloroethene

Concen: 50.123 ug/L

RT: 5.94 min Scan# 1507

Delta R.T. 0.00 min

Lab File: VV018387.D

Acq: 22 Sep 2020 11:59

Tgt Ion: 95 Resp: 108657

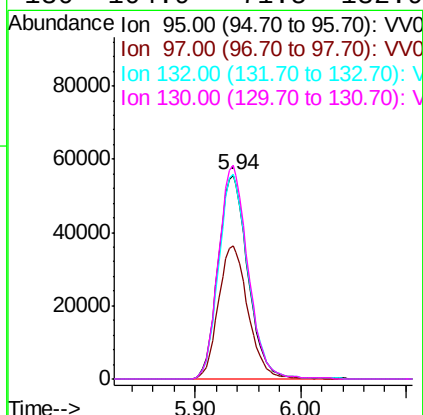
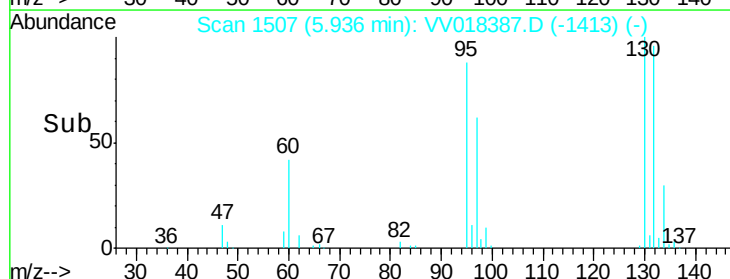
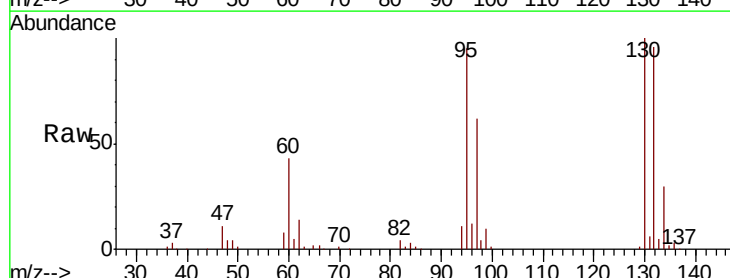
Ion Ratio Lower Upper

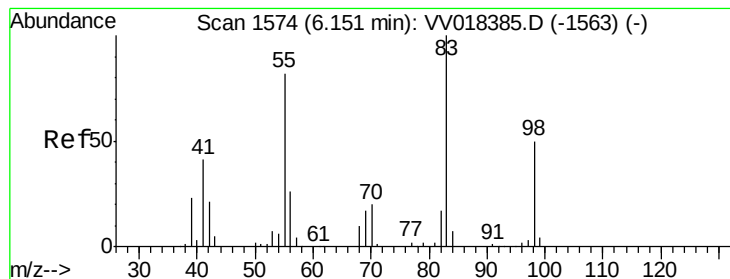
95 100

97 65.3 46.3 85.9

132 100.6 68.1 126.5

130 104.9 71.5 132.9





#35

Methylvlcyclohexane

Concen: 8.285 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.06 min

Lab File: VV018387.D

Acq: 22 Sep 2020 11:59

Instrument :

MSVOA_V

ClientSampleId :

BFWY0DL

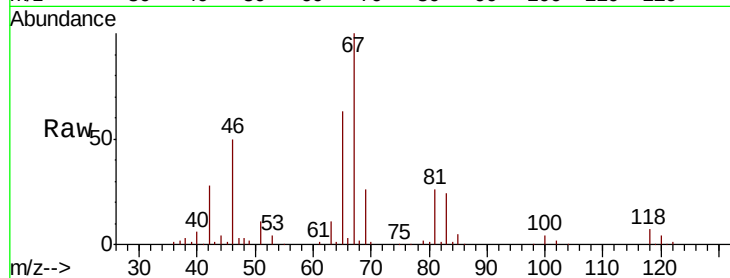
Tot Ion: 83 Resp: 27042

Ion Ratio Lower Upper

83 100

55 0.4 63.4 95.2#

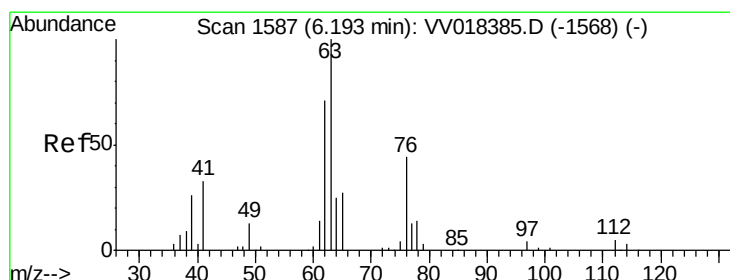
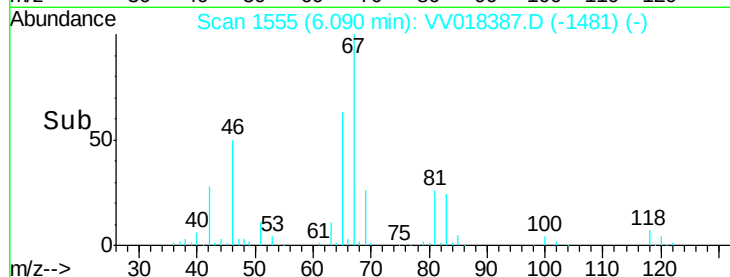
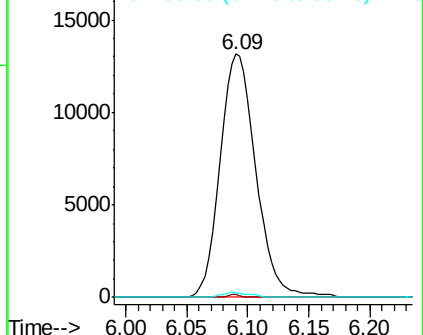
98 1.5 38.8 58.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 5.610 ug/L

RT: 6.09 min Scan# 1555

Delta R.T. -0.10 min

Lab File: VV018387.D

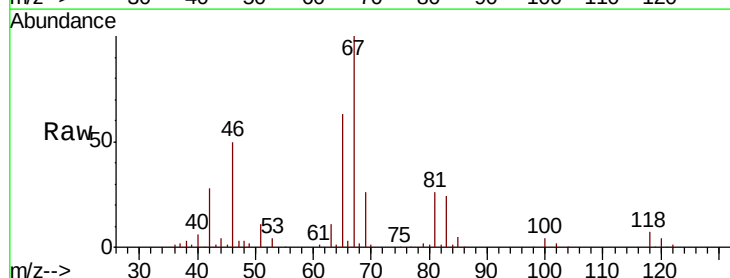
Acq: 22 Sep 2020 11:59

Tgt Ion: 63 Resp: 11829

Ion Ratio Lower Upper

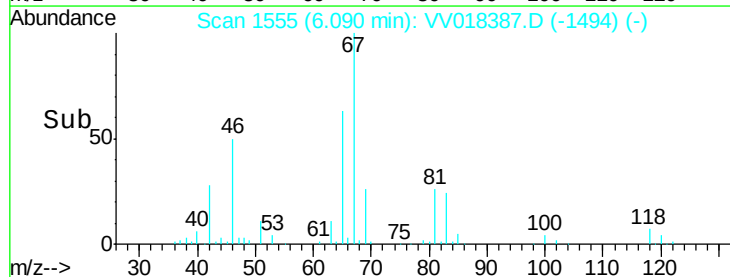
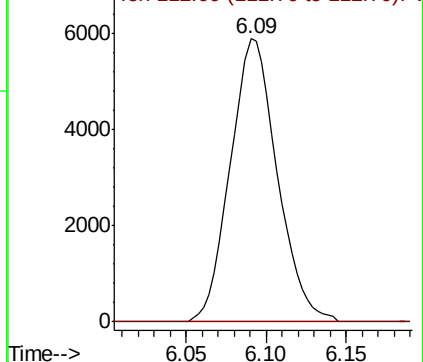
63 100

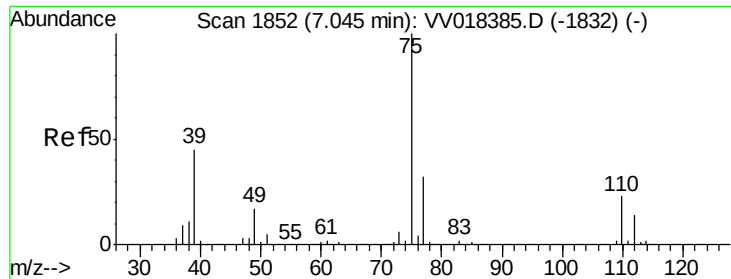
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

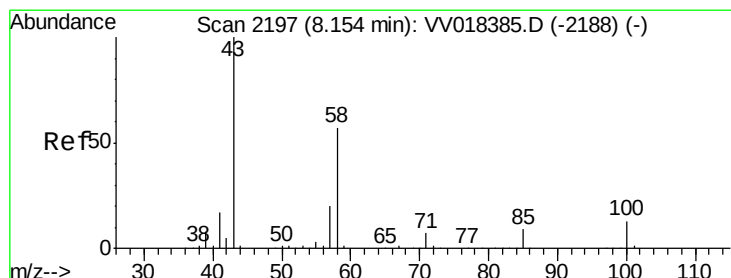
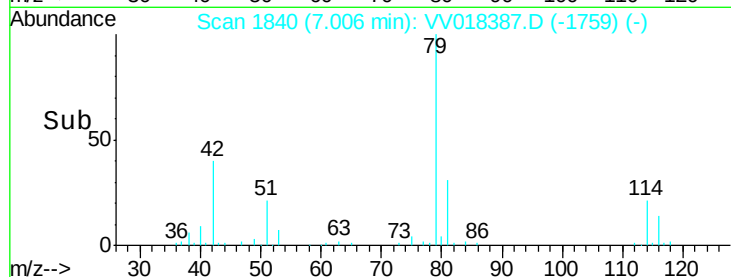
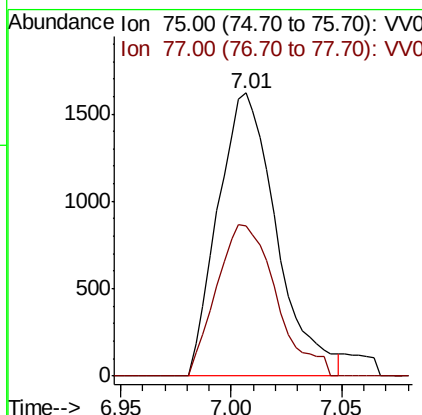
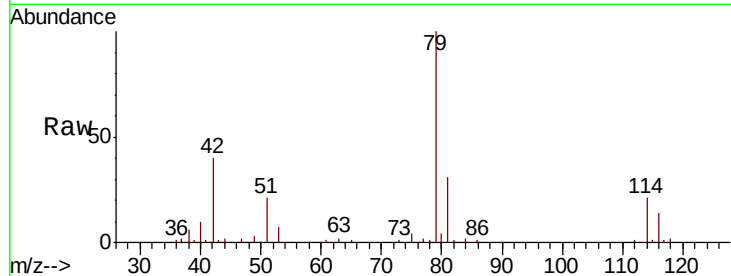




#39
 cis-1,3-Dichloropropene
 Concen: 0.917 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV018387.D
 Acq: 22 Sep 2020 11:59

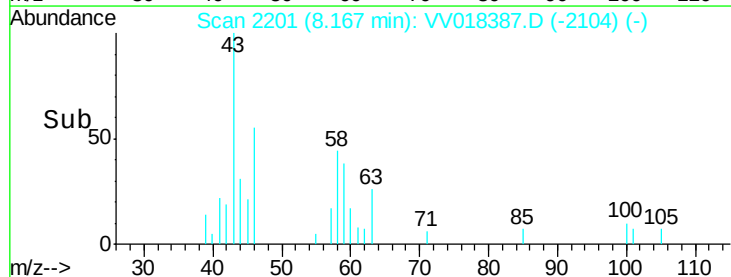
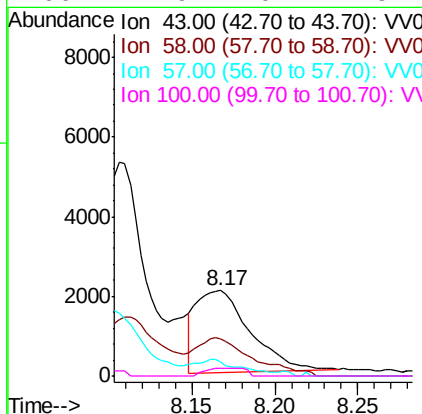
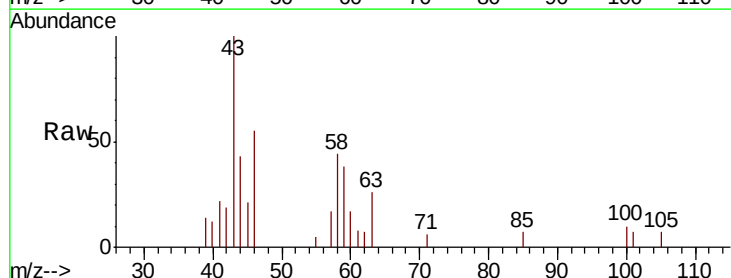
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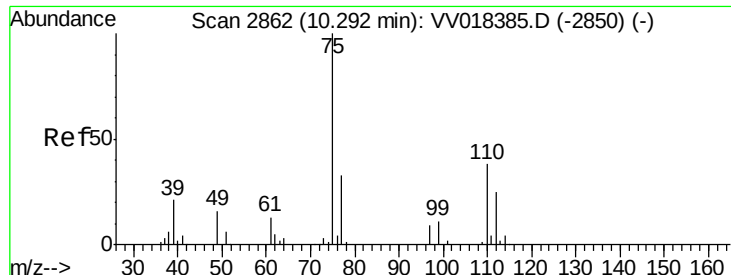
Tot Ion: 75 Resp: 2978
 Ion Ratio Lower Upper
 75 100
 77 53.1 22.3 41.3#



#48
 2-Hexanone
 Concen: 2.282 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV018387.D
 Acq: 22 Sep 2020 11:59

Tgt Ion: 43 Resp: 4602
 Ion Ratio Lower Upper
 43 100
 58 28.7 44.8 67.2#
 57 12.4 15.8 23.6#
 100 4.9 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.328 ug/L

RT: 11.27 min Scan# 3165

Delta R.T. 0.97 min

Lab File: VV018387.D

Acq: 22 Sep 2020 11:59

Instrument :

MSVOA_V

ClientSampleId :

BFWY0DL

Tot Ion: 75 Resp: 15694

Ion Ratio Lower Upper

75 100

77 36.4 25.8 38.6

