

Data File : VV008613.D
Acq On : 17 Nov 2018 04:51
Operator : SY/MD
Sample : J5947-14
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9C38

Quant Time: Nov 17 05:47:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 05:41:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	162044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145350	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	63373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34907	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.59	69	28041	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.14	63	52373	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.96	46	124280	48.25	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.50%
24) Chloroform-d	4.41	84	90253	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	48702	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	184640	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	59383	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.36	98	166421	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	7.67	79	18924	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.14	63	97494	46.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.30%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	38423	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	56439	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

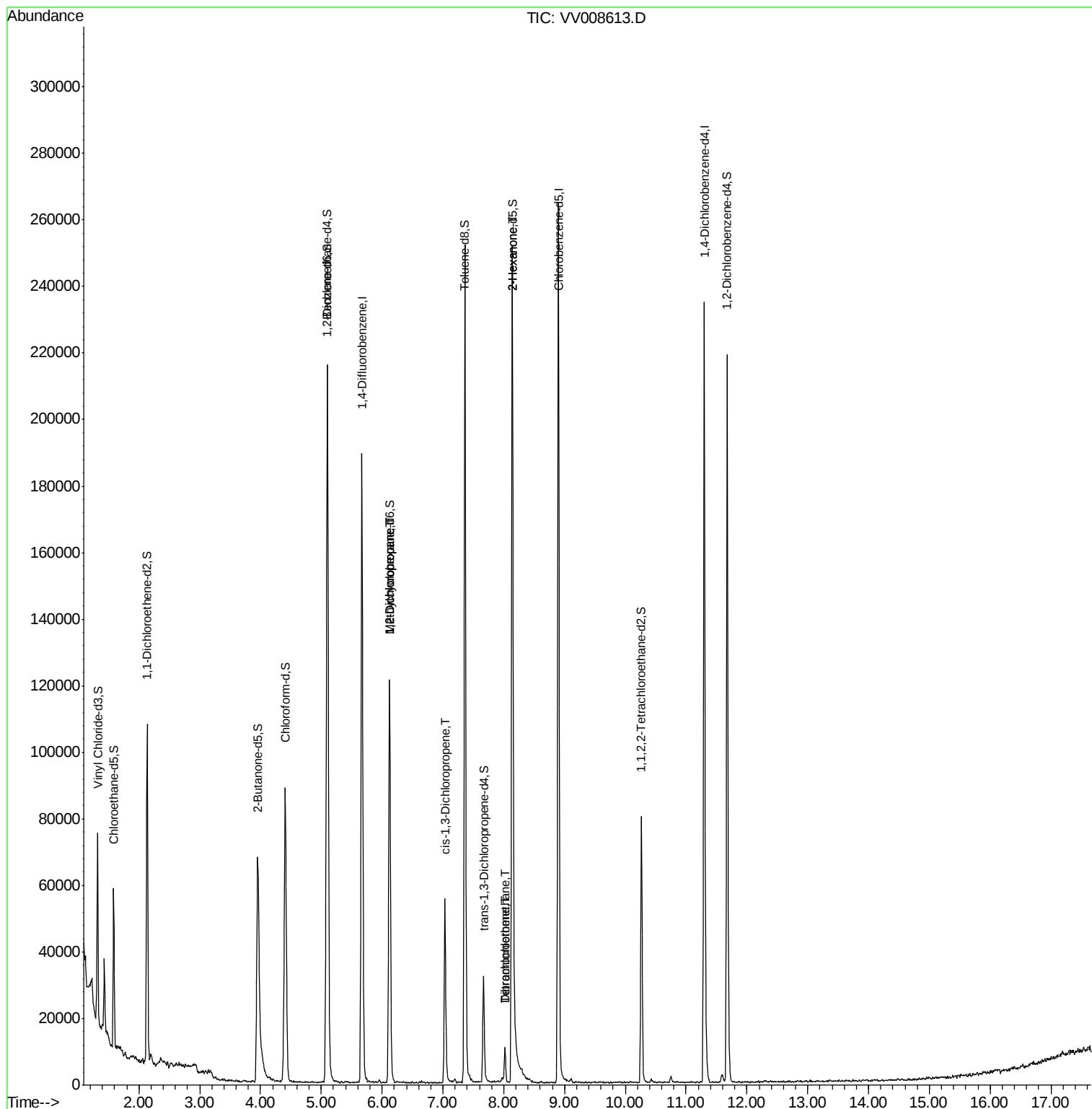
					Qvalue
35) Methylcyclohexane	6.13	83	13933	0.676 ug/L #	17
37) 1,2-Dichloropropane	6.13	63	6319	0.522 ug/L #	89
39) cis-1,3-Dichloropropene	7.03	75	1195	0.073 ug/L #	35
47) Tetrachloroethene	8.03	164	2423	0.275 ug/L	90
48) 2-Hexanone	8.14	43	11313	2.364 ug/L #	78
49) Dibromochloromethane	8.02	129	2294	0.262 ug/L #	10

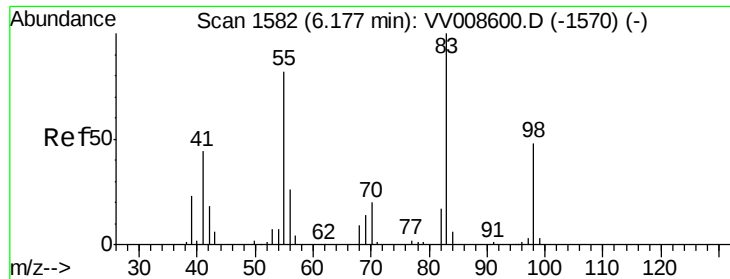
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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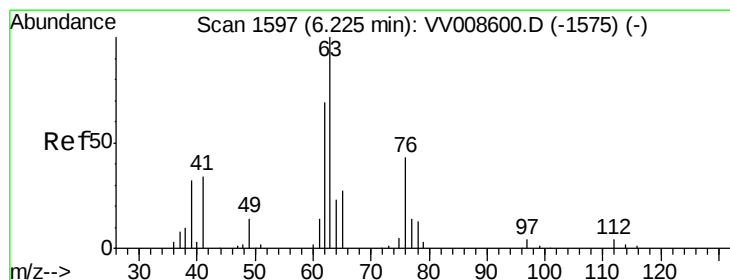
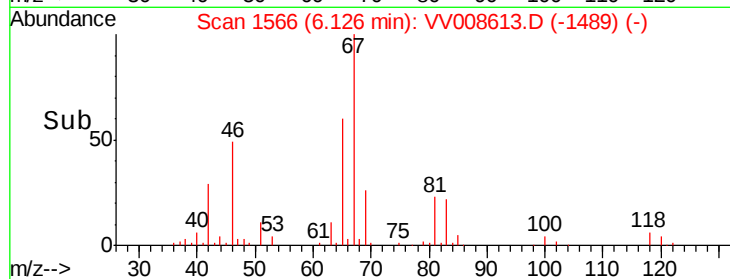
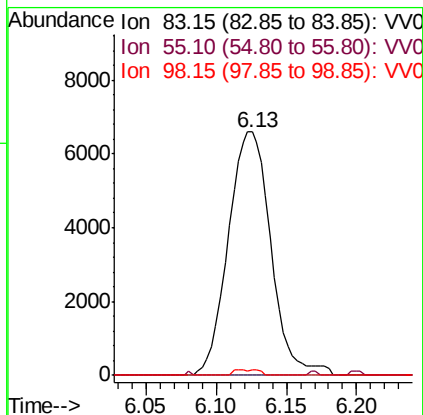
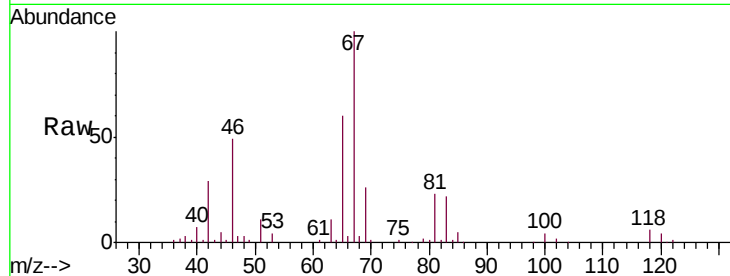




#35
Methylcyclohexane
Concen: 0.676 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.05 min
Lab File: VV008613.D
Acq: 17 Nov 2018 04:51

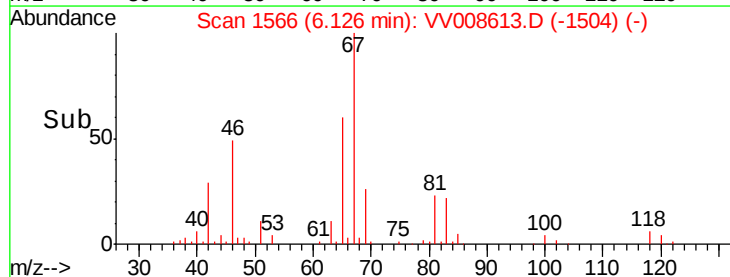
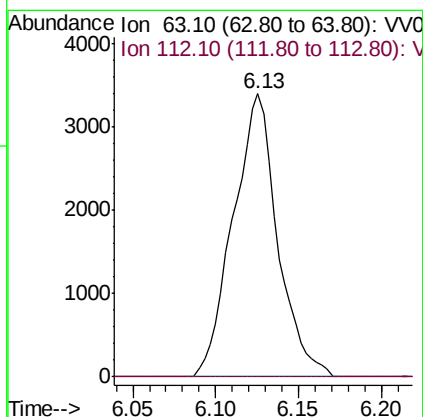
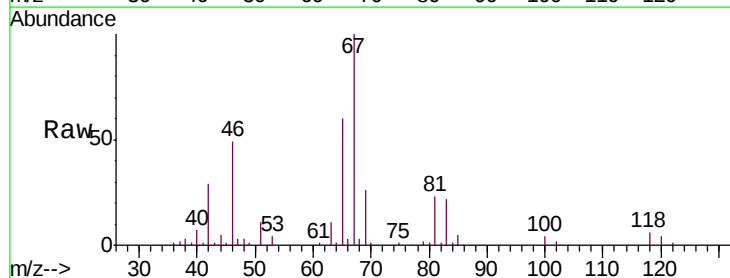
Instrument :
MSVOA_V
ClientSampleId :
F9C38

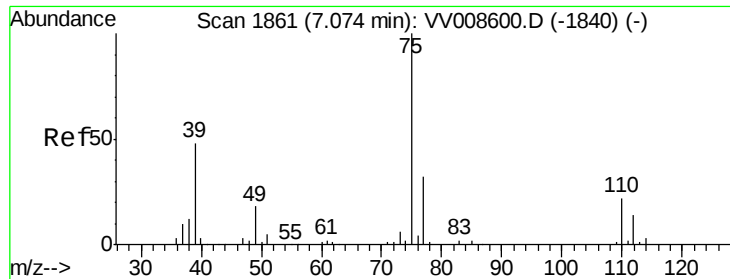
Tgt Ion: 83 Resp: 13933
Ion Ratio Lower Upper
83 100
55 0.1 65.6 98.4#
98 1.3 36.4 54.6#



#37
1,2-Dichloropropane
Concen: 0.522 ug/L
RT: 6.13 min Scan# 1566
Delta R.T. -0.10 min
Lab File: VV008613.D
Acq: 17 Nov 2018 04:51

Tgt Ion: 63 Resp: 6319
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#

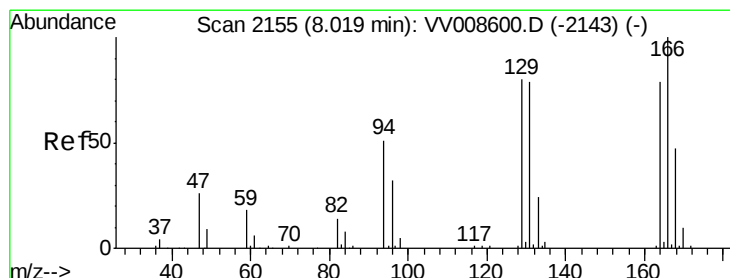
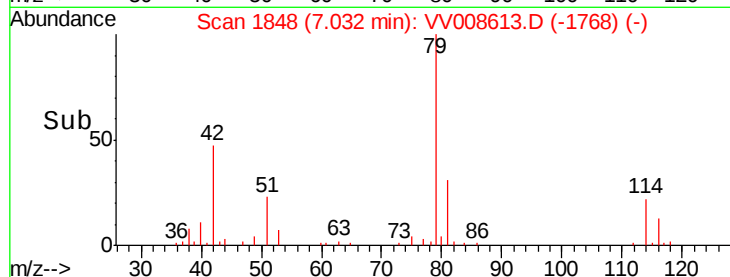
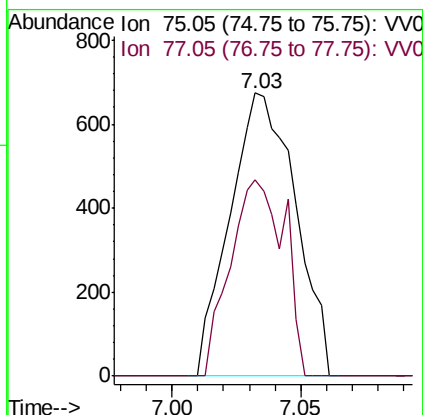
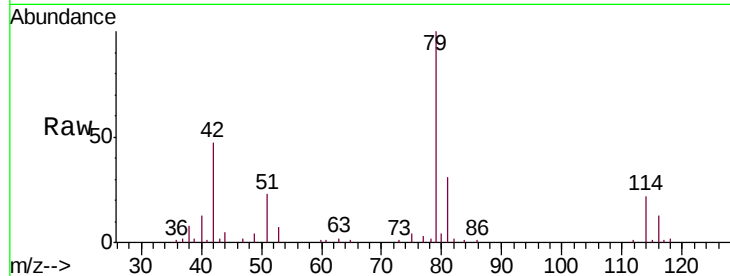




#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008613.D
 Acq: 17 Nov 2018 04:51

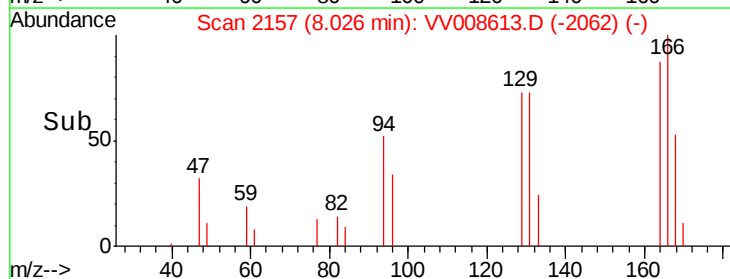
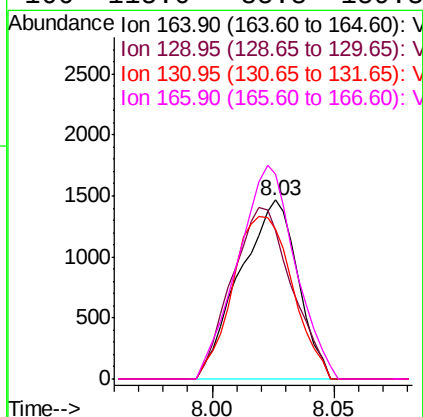
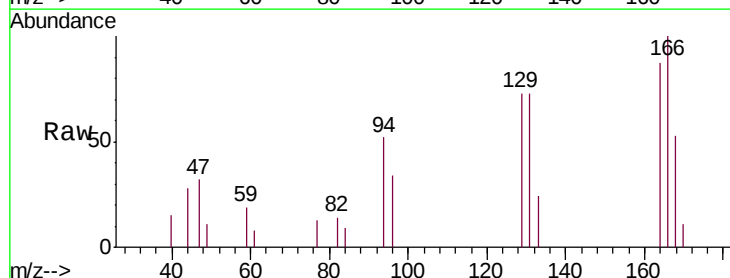
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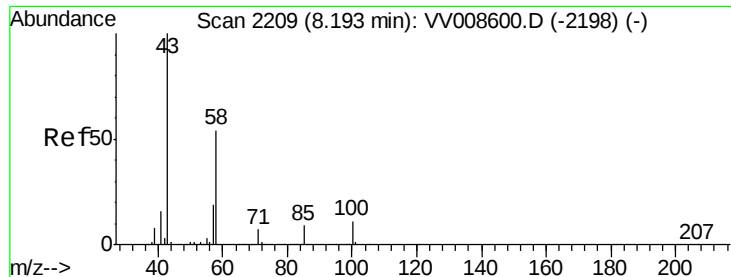
Tgt Ion: 75 Resp: 1195
 Ion Ratio Lower Upper
 75 100
 77 69.4 23.0 42.8#



#47
 Tetrachloroethene
 Concen: 0.275 ug/L
 RT: 8.03 min Scan# 2157
 Delta R.T. 0.01 min
 Lab File: VV008613.D
 Acq: 17 Nov 2018 04:51

Tgt Ion: 164 Resp: 2423
 Ion Ratio Lower Upper
 164 100
 129 83.4 67.5 125.4
 131 83.9 66.4 123.4
 166 115.0 85.8 159.3

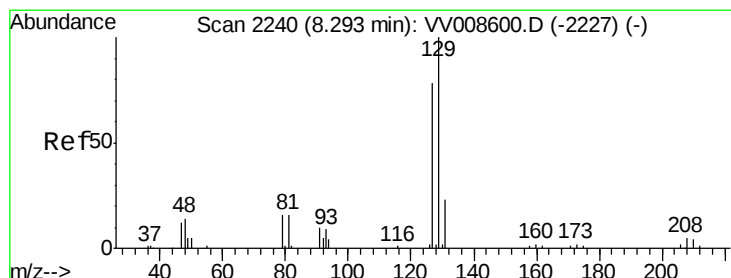
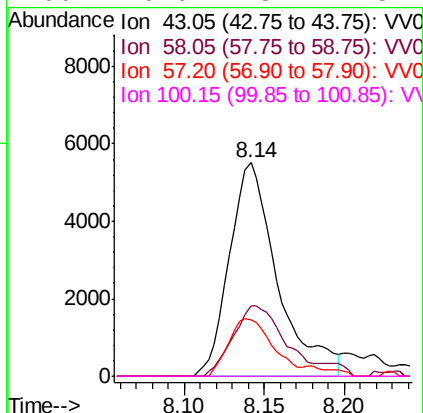
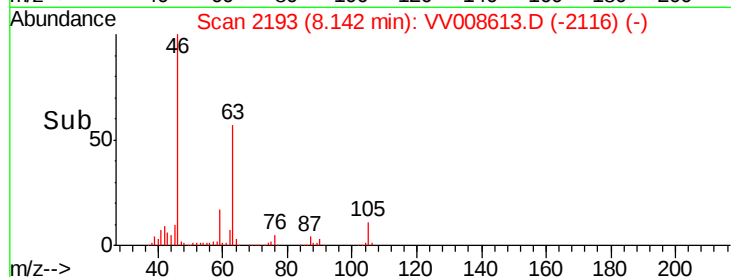
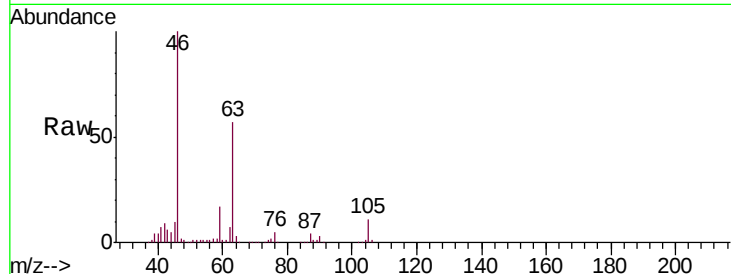




#48
2-Hexanone
Concen: 2.364 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008613.D
Acq: 17 Nov 2018 04:51

Instrument :
MSVOA_V
ClientSampleId :
F9C38

Tgt Ion: 43 Resp: 11313
Ion Ratio Lower Upper
43 100
58 35.2 41.8 62.8#
57 24.7 15.4 23.0#
100 0.0 8.7 13.1#



#49
Dibromochloromethane
Concen: 0.262 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV008613.D
Acq: 17 Nov 2018 04:51

Tgt Ion: 129 Resp: 2294
Ion Ratio Lower Upper
129 100
127 0.0 54.6 101.4#

