

Data File : VV007655.D
Acq On : 20 Sep 2018 14:58
Operator : SY/MD
Sample : J4900-13
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A3ZA7

Quant Time: Sep 21 01:39:14 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091918WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 01:37:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	109391	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	101370	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	54459	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20359	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.59	69	19881	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	39294	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	3.99	46	55247	48.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.34%
24) Chloroform-d	4.41	84	47648	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.09	65	24908	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.10	84	93583	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.12	67	27395	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.36	98	95341	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	7.67	79	10511	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	41541	44.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	21725	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	42283	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

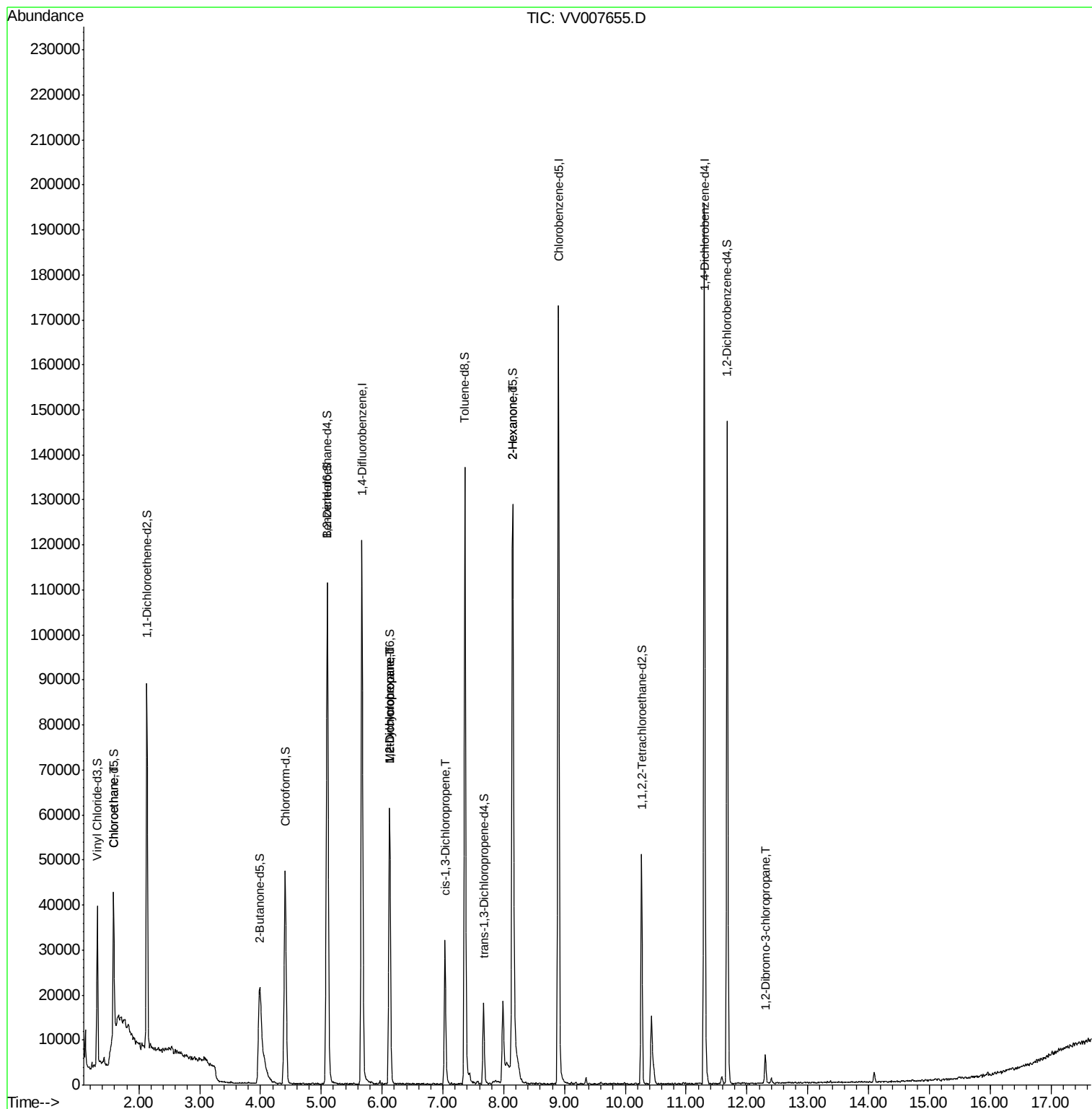
					Qvalue	
8) Chloroethane	1.59	64	20594	3.980	ug/L #	51
35) Methylcyclohexane	6.13	83	7279	0.595	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	3273	0.503	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	864	0.092	ug/L #	75
48) 2-Hexanone	8.14	43	6906	2.772	ug/L #	86
66) 1,2-Dibromo-3-chloropropan	12.30	75	107	0.138	ug/L #	1

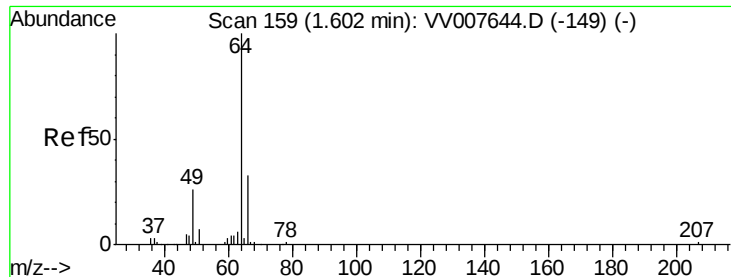
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 3.980 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

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MSVOA_V

ClientSampleId :

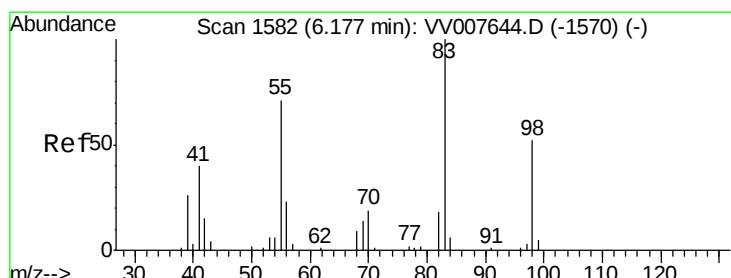
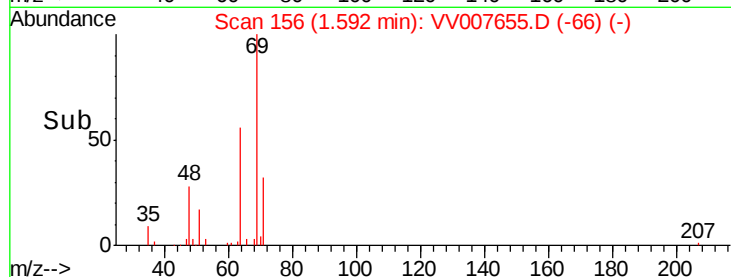
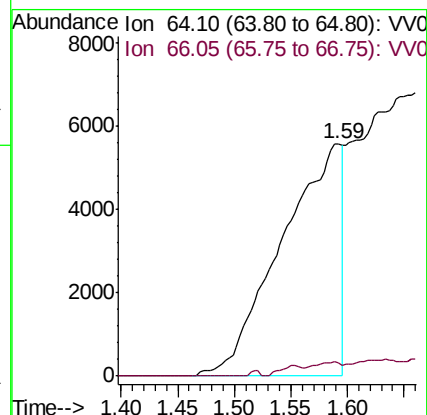
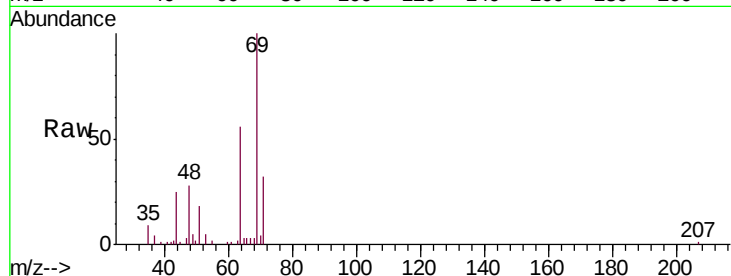
A3ZA7

Tgt Ion: 64 Resp: 20594

Ion Ratio Lower Upper

64 100

66 5.7 23.4 43.4#



#35

Methylcyclohexane

Concen: 0.595 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.05 min

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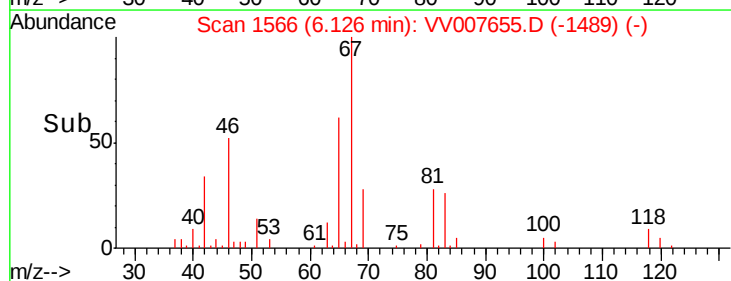
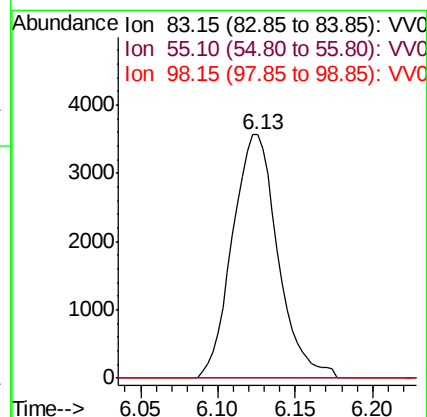
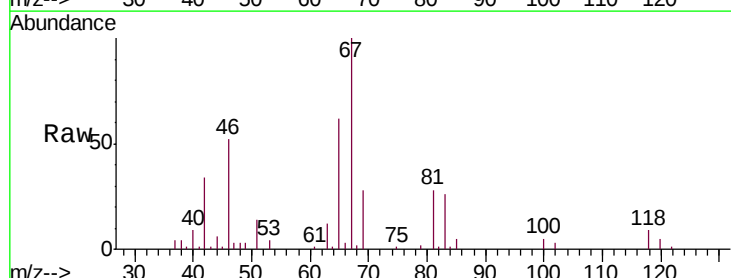
Tgt Ion: 83 Resp: 7279

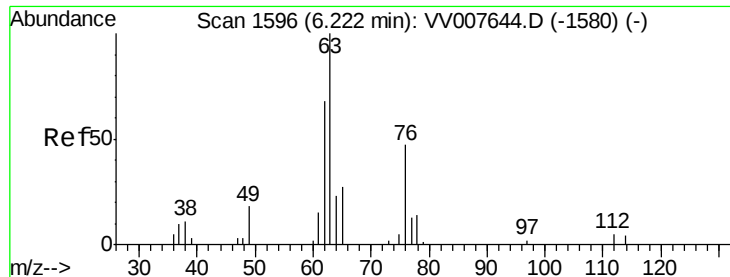
Ion Ratio Lower Upper

83 100

55 0.0 54.8 82.2#

98 0.0 40.7 61.1#

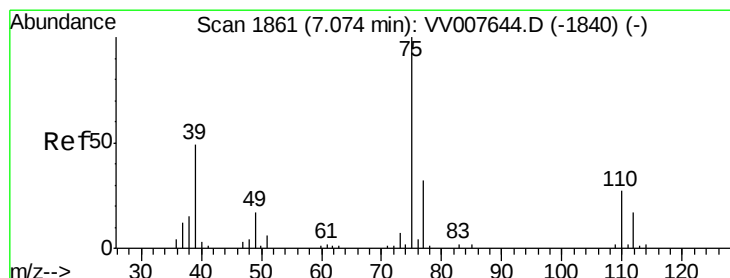
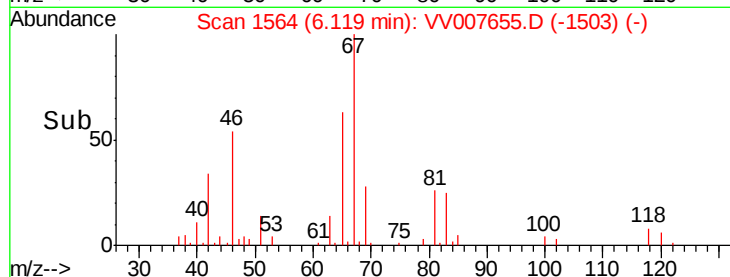
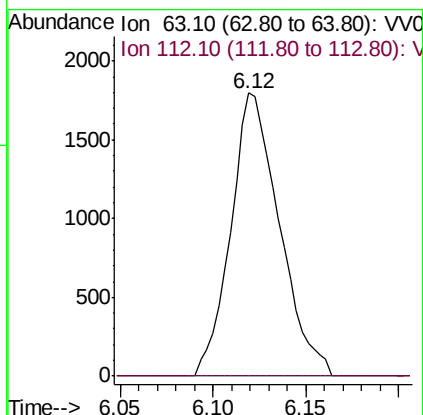
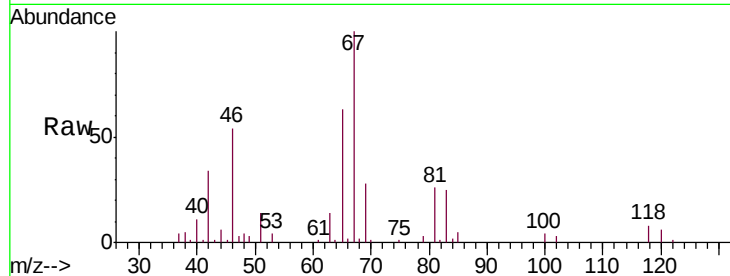




#37
 1,2-Dichloropropane
 Concen: 0.503 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV007655.D
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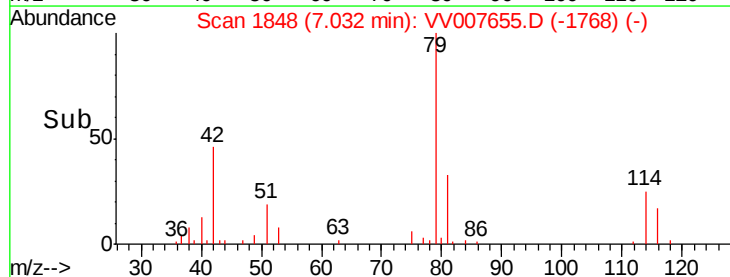
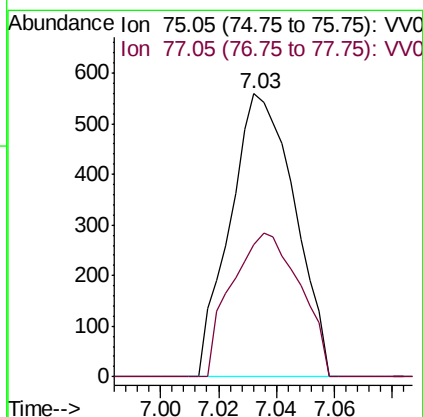
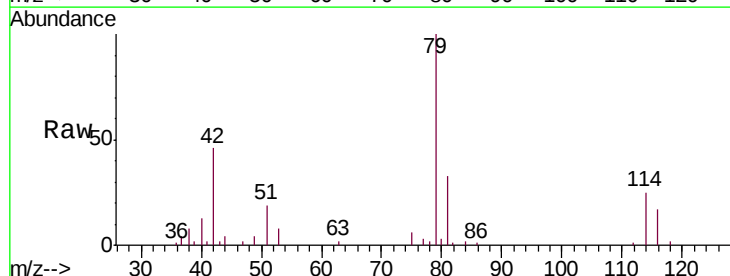
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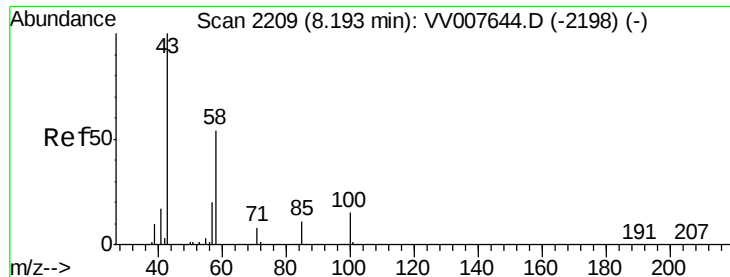
Tgt Ion: 63 Resp: 3273
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV007655.D
 Acq: 20 Sep 2018 14:58

Tgt Ion: 75 Resp: 864
 Ion Ratio Lower Upper
 75 100
 77 46.7 22.7 42.3#

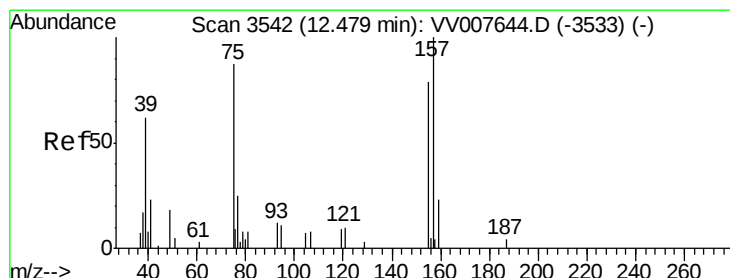
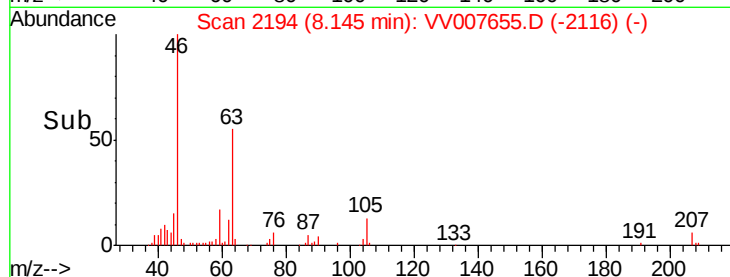
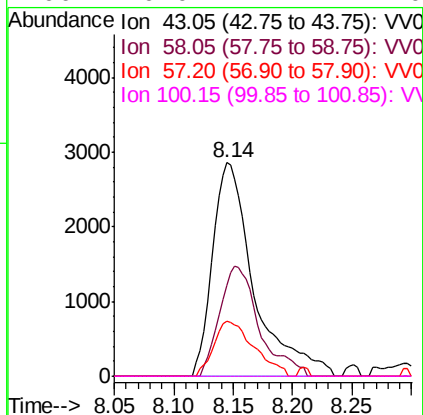
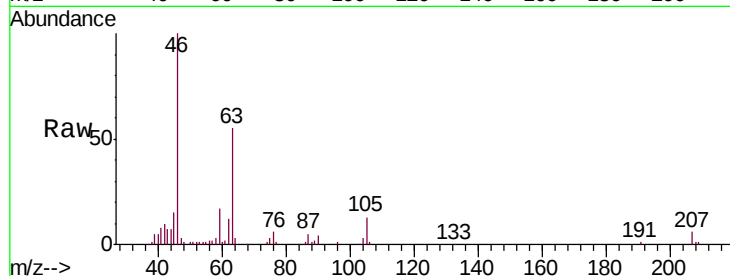




#48
 2-Hexanone
 Concen: 2.772 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. -0.05 min
 Lab File: VV007655.D
 Acq: 20 Sep 2018 14:58

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 MSVOA_V
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Tgt Ion: 43 Resp: 6906
 Ion Ratio Lower Upper
 43 100
 58 49.2 45.3 67.9
 57 24.9 16.6 24.8#
 100 0.0 11.4 17.0#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.138 ug/L
 RT: 12.30 min Scan# 3486
 Delta R.T. -0.18 min
 Lab File: VV007655.D
 Acq: 20 Sep 2018 14:58

Tgt Ion: 75 Resp: 107
 Ion Ratio Lower Upper
 75 100
 155 0.0 84.6 127.0#
 157 0.0 116.8 175.2#

