

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092718\
 Data File : VR025882.D
 Acq On : 27 Sep 2018 20:02
 Operator : SY/MD
 Sample : J5119-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 28 05:45:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 28 05:44:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	493974	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	409093	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	136784	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	196942	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	2.63	69	157894	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.63	63	336835	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	6.59	46	235745	54.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.58%
24) Chloroform-d	7.20	84	321257	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	7.90	65	140078	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.85	84	680808	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	8.90	67	183833	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	9.97	98	610846	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.24	79	38229	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	10.59	63	171296	53.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68001	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	108767	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

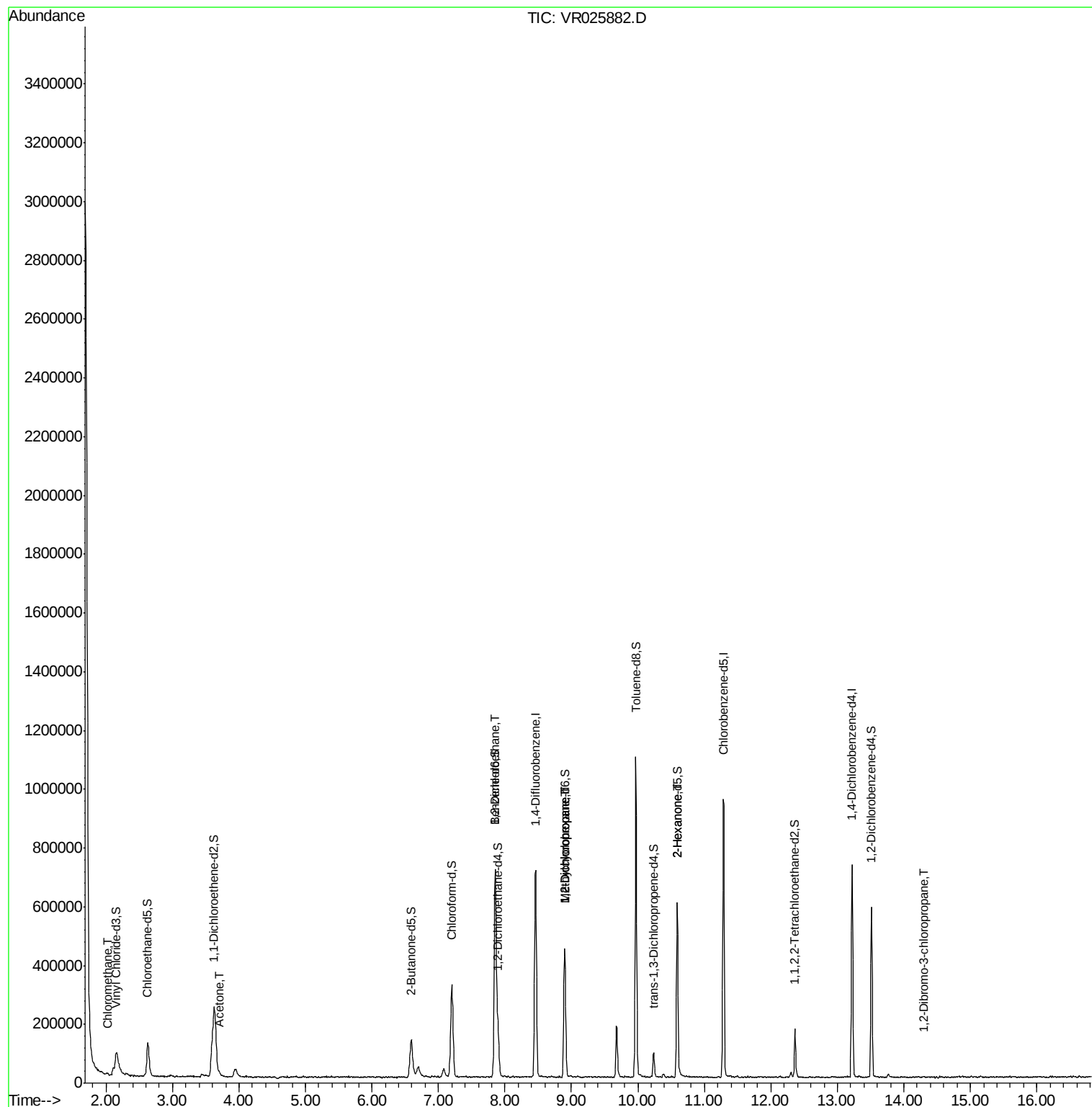
					Ovalue
3) Chloromethane	2.03	50	6299	0.148 ug/L #	80
13) Acetone	3.70	43	17166	5.454 ug/L	89
27) 1,2-Dichloroethane	7.85	62	4706	0.159 ug/L	99
35) Methylcyclohexane	8.90	83	42314	0.778 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	21839	0.742 ug/L #	92
48) 2-Hexanone	10.59	43	26668	3.935 ug/L #	69
66) 1,2-Dibromo-3-chloropropan	14.31	75	207	0.153 ug/L	88

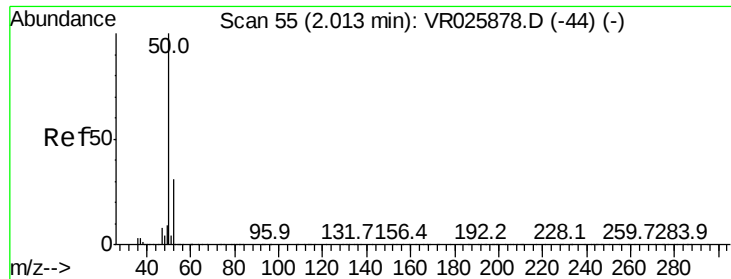
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.148 ug/L

RT: 2.03 min Scan# 57

Delta R.T. 0.01 min

Lab File: VR025882.D

Acq: 27 Sep 2018 20:02

Instrument :

MSVOA_R

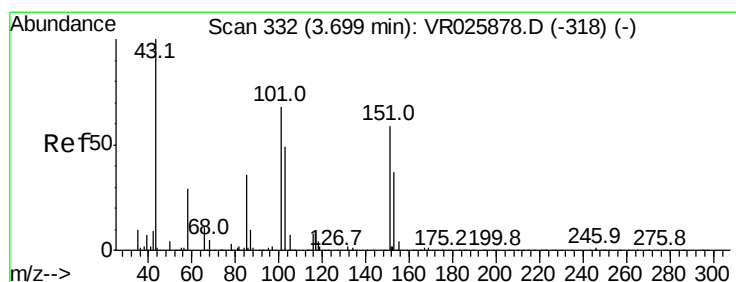
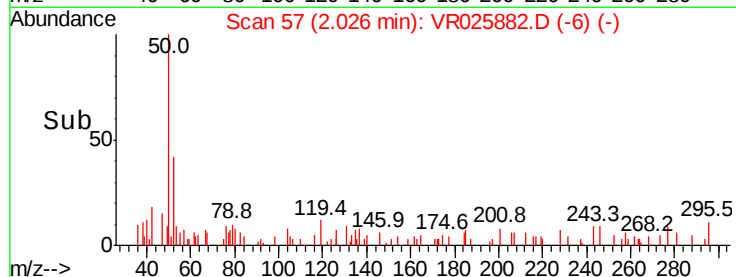
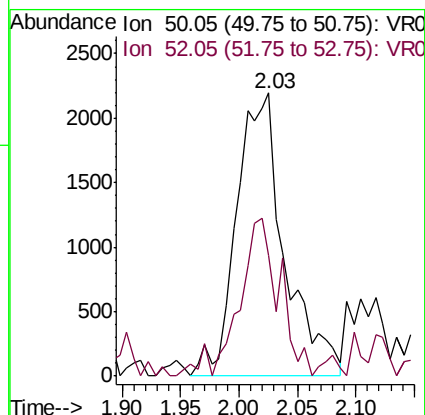
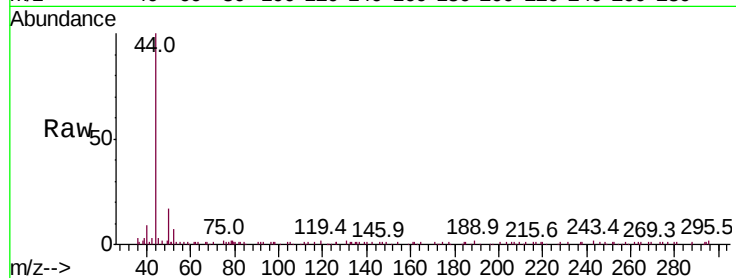
ClientSampleId :

Tot Ion: 50 Resp: 6299

Ion Ratio Lower Upper

50 100

52 42.5 22.1 41.1#



#13

Acetone

Concen: 5.454 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR025882.D

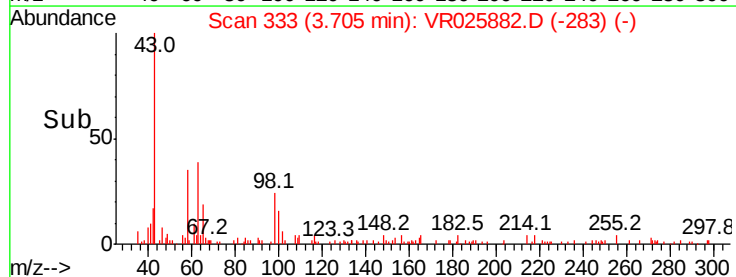
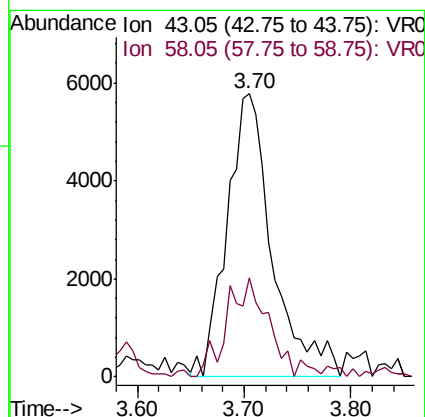
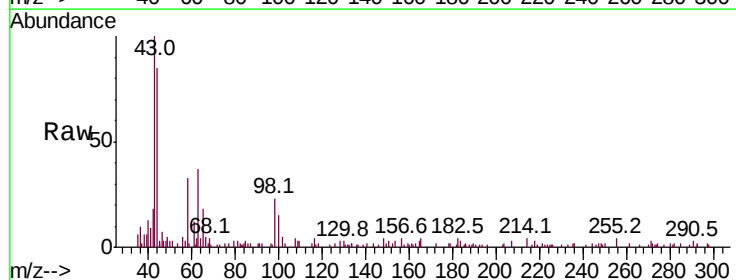
Acq: 27 Sep 2018 20:02

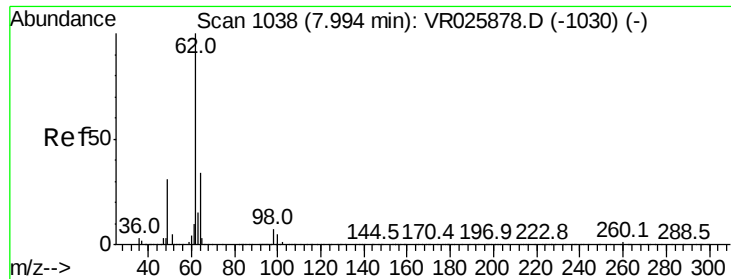
Tgt Ion: 43 Resp: 17166

Ion Ratio Lower Upper

43 100

58 31.1 0.0 51.4

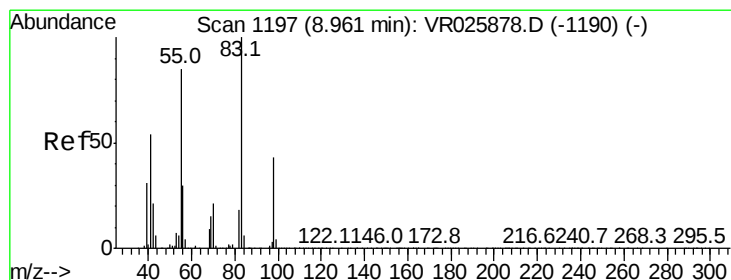
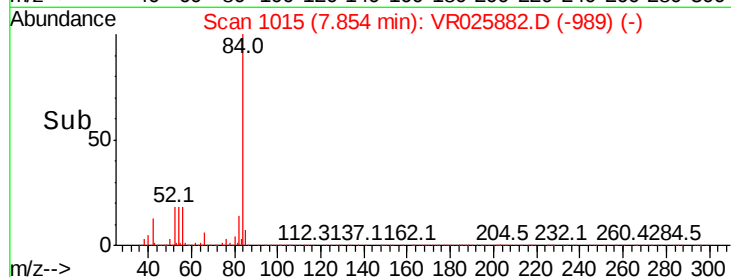
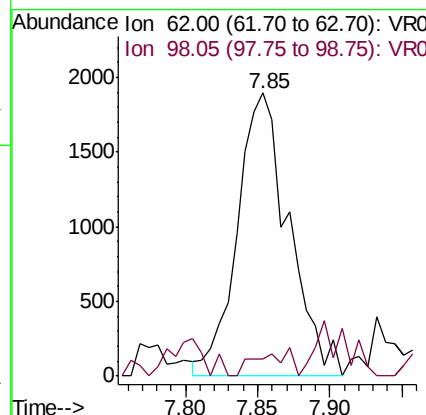
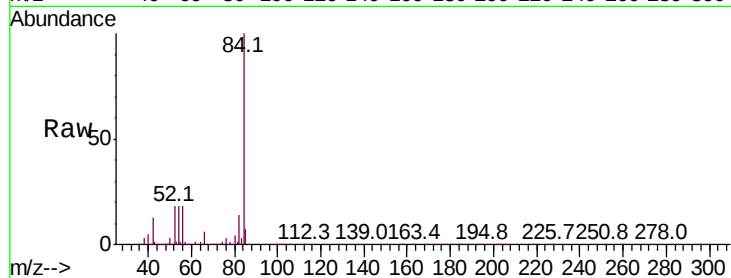




#27
 1,2-Dichloroethane
 Concen: 0.159 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.14 min
 Lab File: VR025882.D
 Acq: 27 Sep 2018 20:02

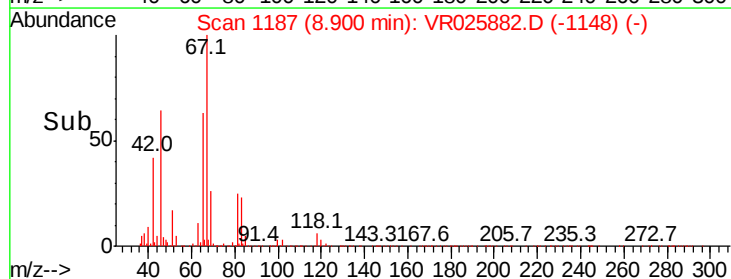
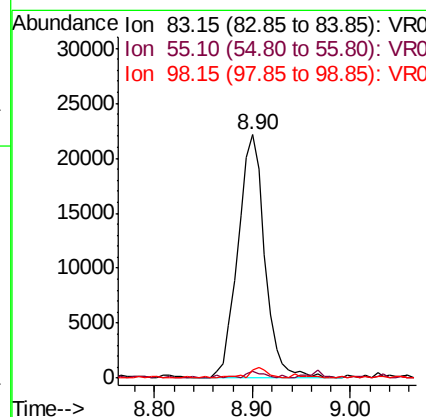
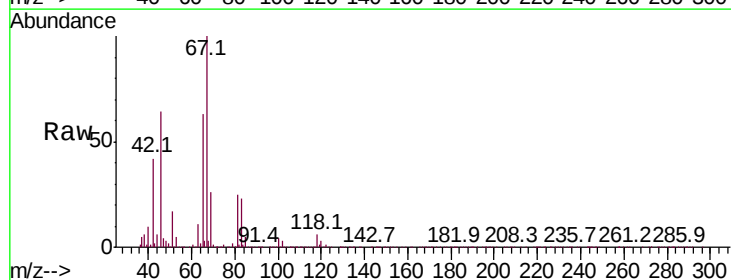
Instrument :
 MSVOA_R
 ClientSampleId :

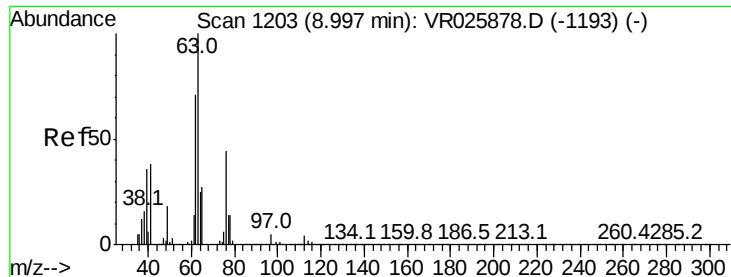
Tot Ion: 62 Resp: 4706
 Ion Ratio Lower Upper
 62 100
 98 6.0 5.2 7.8



#35
 Methylcyclohexane
 Concen: 0.778 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.06 min
 Lab File: VR025882.D
 Acq: 27 Sep 2018 20:02

Tgt Ion: 83 Resp: 42314
 Ion Ratio Lower Upper
 83 100
 55 1.7 71.8 107.6#
 98 2.7 34.2 51.4#





#37

1,2-Dichloropropane

Concen: 0.742 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025882.D

Acq: 27 Sep 2018 20:02

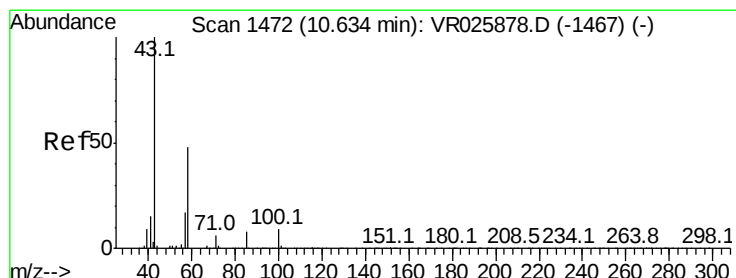
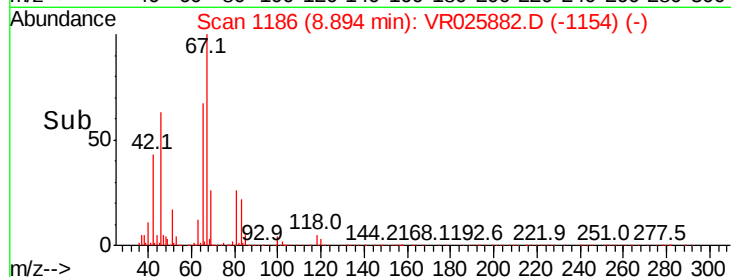
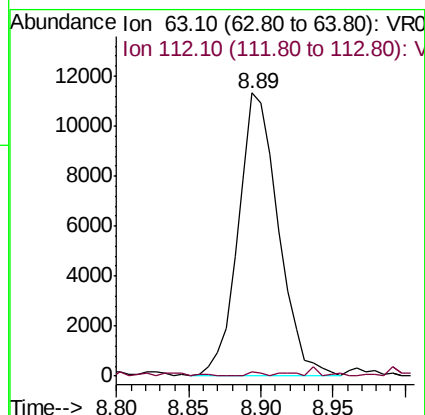
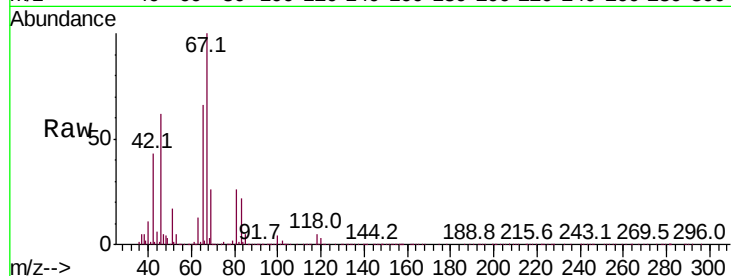
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 21839

Ion Ratio Lower Upper

63 100

112 0.5 2.5 3.7#



#48

2-Hexanone

Concen: 3.935 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025882.D

Acq: 27 Sep 2018 20:02

Tgt Ion: 43 Resp: 26668

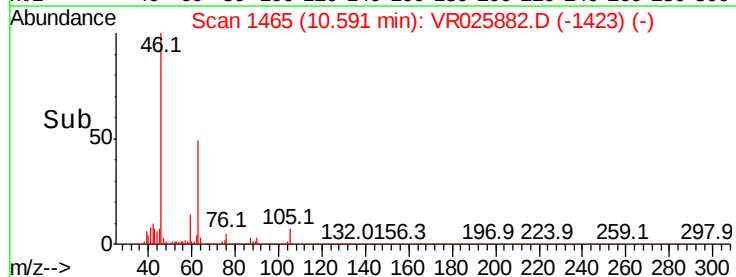
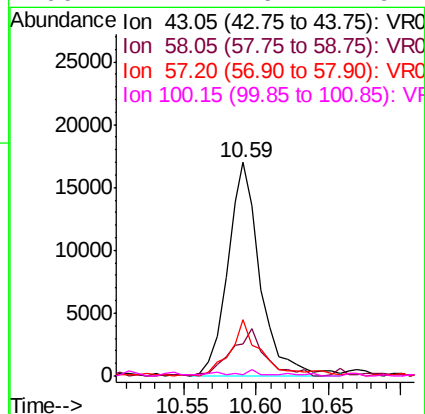
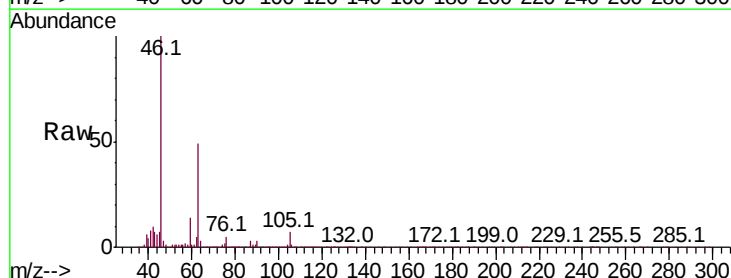
Ion Ratio Lower Upper

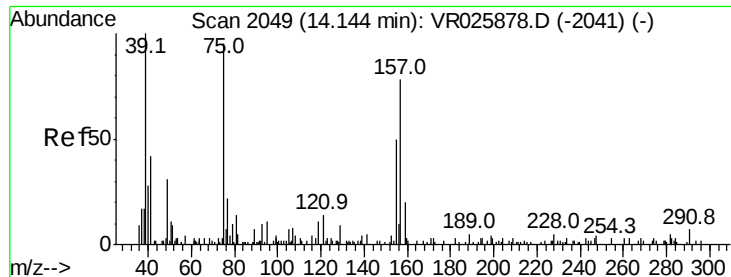
43 100

58 22.9 39.5 59.3#

57 24.1 14.6 21.8#

100 1.2 6.7 10.1#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.153 ug/L
 RT: 14.31 min Scan# 2076
 Delta R.T. 0.16 min
 Lab File: VR025882.D
 Acq: 27 Sep 2018 20:02

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 207
 Ion Ratio Lower Upper
 75 100
 155 53.7 37.8 56.6
 157 51.9 49.7 74.5

