

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100318\
 Data File : VR025939.D
 Acq On : 3 Oct 2018 13:58
 Operator : SY/MD
 Sample : J5114-04
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Oct 04 08:46:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 08:45:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	452842	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	379445	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	130610	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	161183	4.51	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	2.63	69	149820	5.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.60%
11) 1,1-Dichloroethene-d2	3.63	63	291718	3.48	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	6.59	46	199094	50.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.02%
24) Chloroform-d	7.20	84	273526	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	7.90	65	124977	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	7.86	84	535823	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	8.90	67	151299	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	9.97	98	495178	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	10.24	79	33462	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	10.59	63	149969	50.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62188	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	93887	4.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.80%

Target Compounds

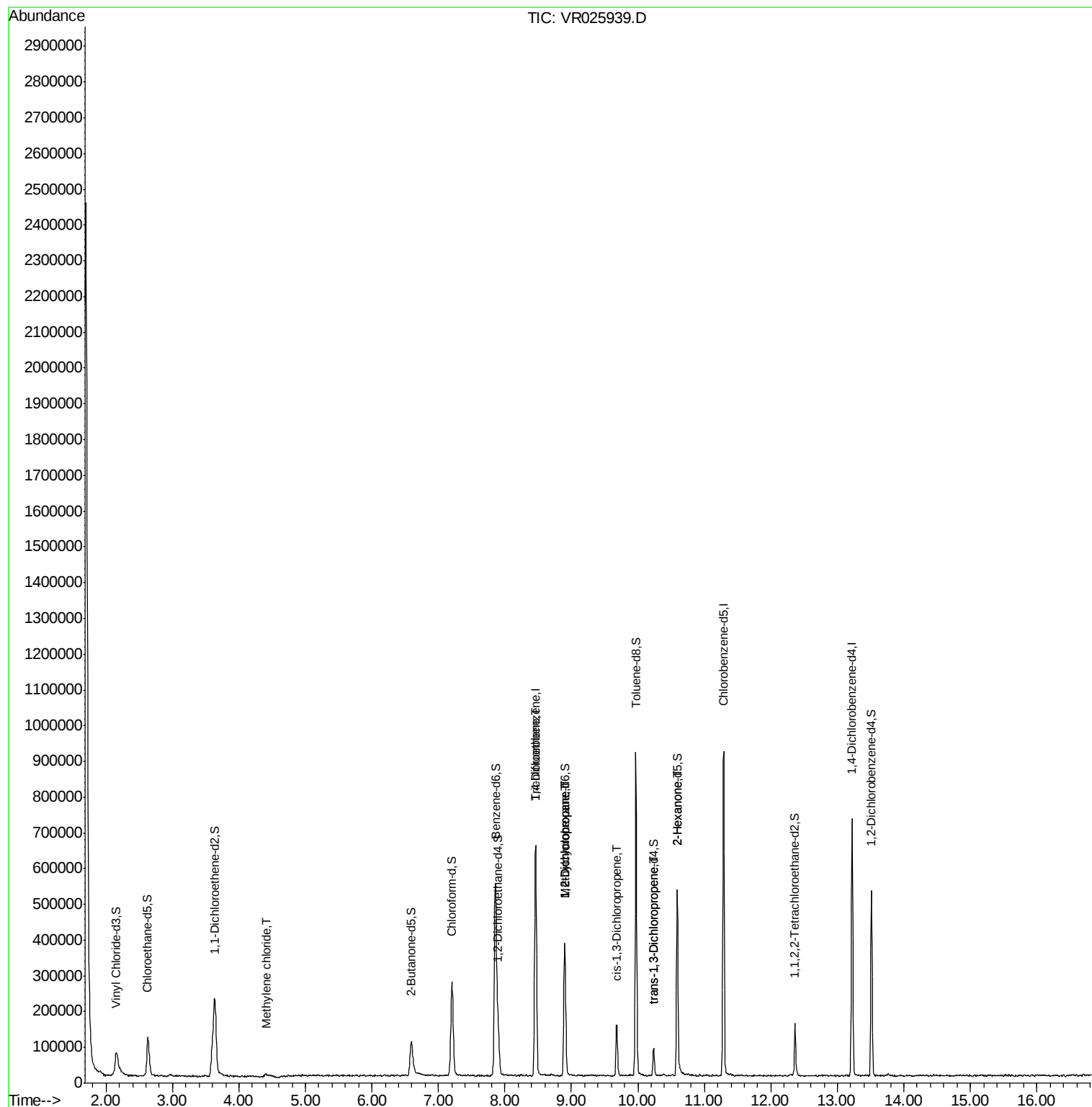
					Ovalue
16) Methylene chloride	4.41	84	5176	0.165 ug/L	96
34) Trichloroethene	8.46	95	15584	0.465 ug/L #	16
35) Methylcyclohexane	8.90	83	36199	0.718 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	20721	0.759 ug/L #	91
39) cis-1,3-Dichloropropene	9.68	75	4489	0.147 ug/L	99
44) trans-1,3-Dichloropropene	10.24	75	2340	0.117 ug/L #	16
48) 2-Hexanone	10.59	43	23892	3.801 ug/L #	70

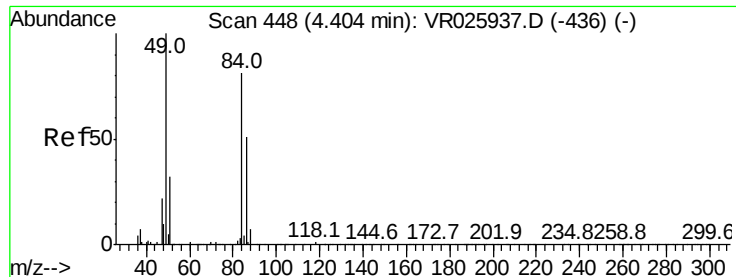
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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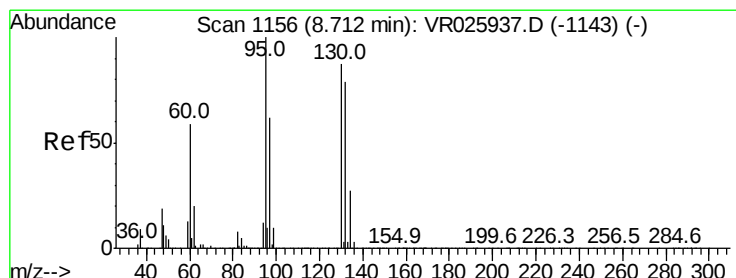
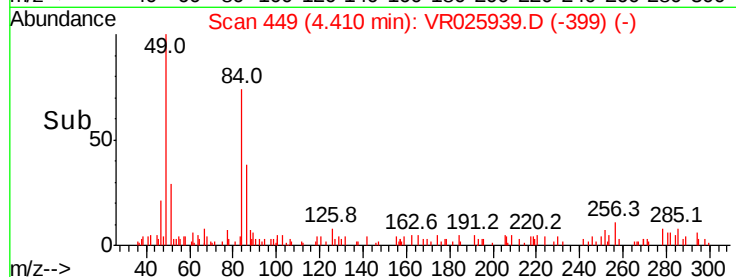
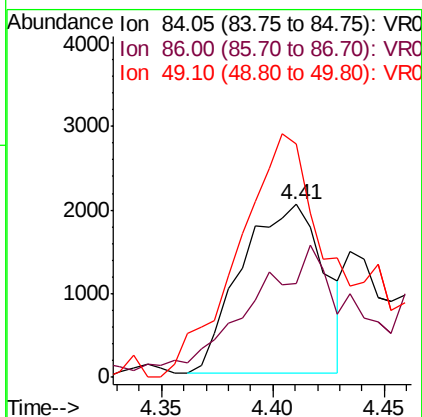
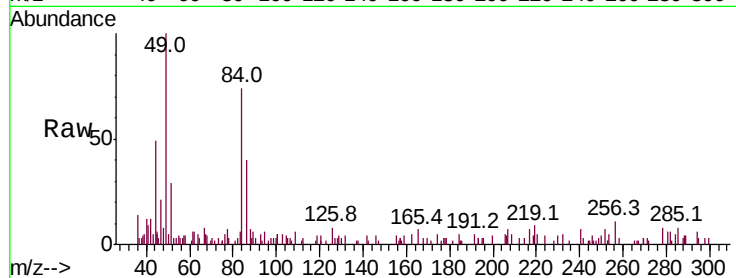




#16
Methylene chloride
Concen: 0.165 ug/L
RT: 4.41 min Scan# 449
Delta R.T. 0.01 min
Lab File: VR025939.D
Acq: 3 Oct 2018 13:58

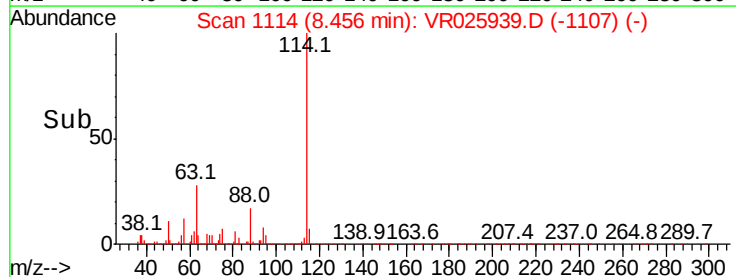
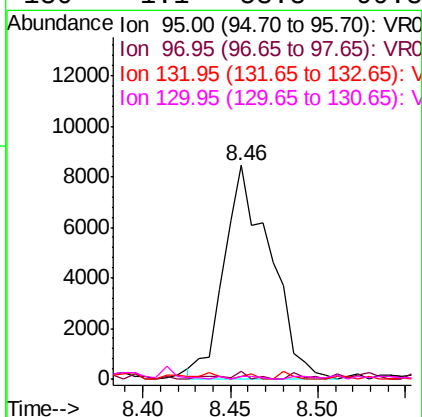
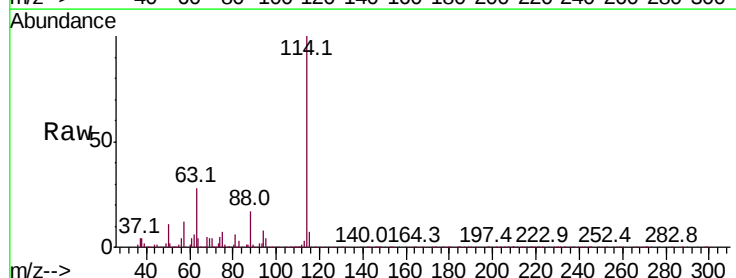
Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

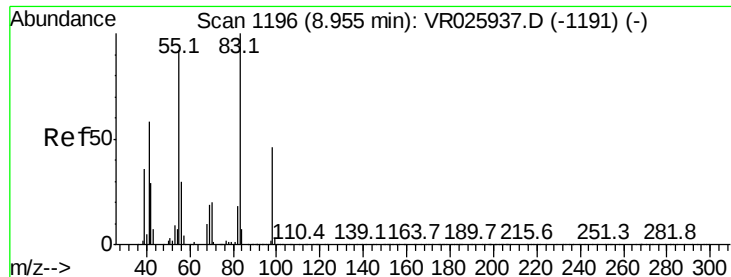
Tot Ion: 84 Resp: 5176
Ion Ratio Lower Upper
84 100
86 54.4 43.1 80.1
49 135.0 95.5 177.3



#34
Trichloroethene
Concen: 0.465 ug/L
RT: 8.46 min Scan# 1114
Delta R.T. -0.26 min
Lab File: VR025939.D
Acq: 3 Oct 2018 13:58

Tgt Ion: 95 Resp: 15584
Ion Ratio Lower Upper
95 100
97 3.7 43.9 81.5#
132 1.3 53.3 98.9#
130 1.1 53.8 99.8#

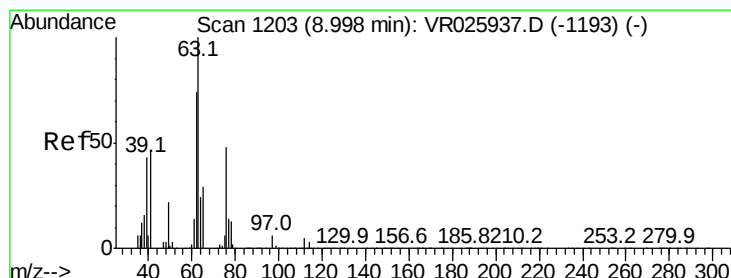
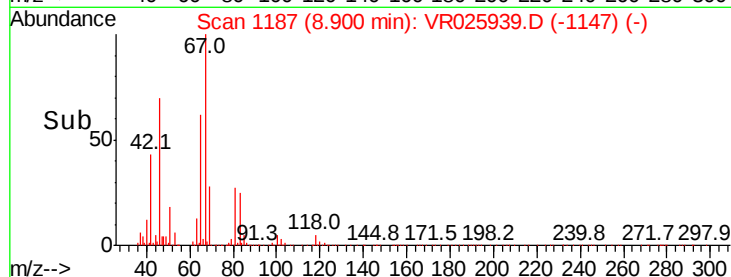
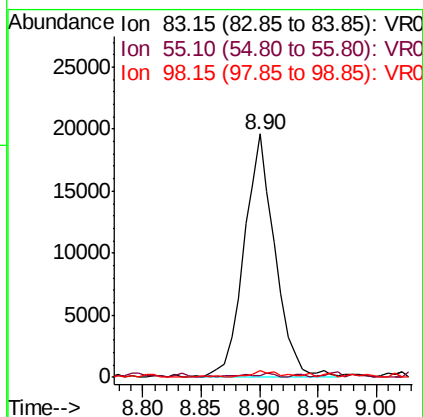
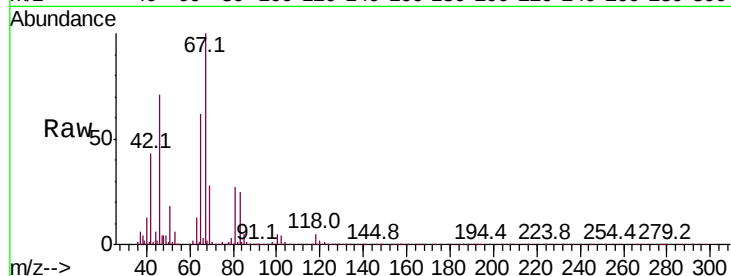




#35
Methvlcvclohexane
Concen: 0.718 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025939.D
Acq: 3 Oct 2018 13:58

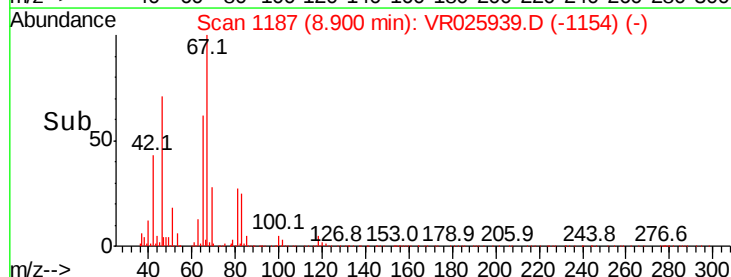
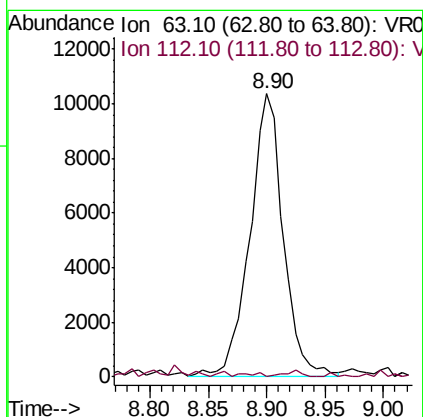
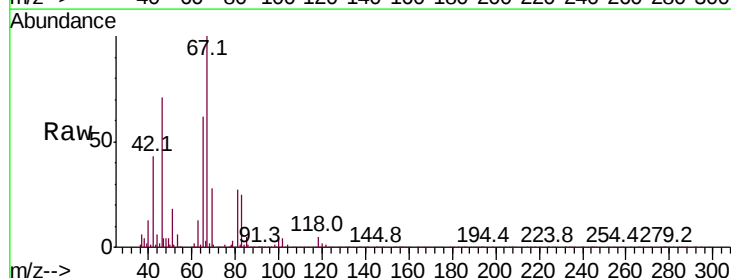
Instrument :
MSVOA_R
ClientSampled :
VHBLK01

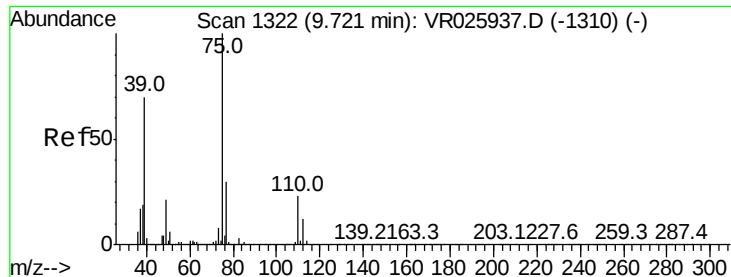
Tot Ion: 83 Resp: 36199
Ion Ratio Lower Upper
83 100
55 1.1 71.8 107.6#
98 2.7 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.759 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025939.D
Acq: 3 Oct 2018 13:58

Tgt Ion: 63 Resp: 20721
Ion Ratio Lower Upper
63 100
112 0.2 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.147 ug/L

RT: 9.68 min Scan# 1315

Delta R.T. -0.04 min

Lab File: VR025939.D

Acq: 3 Oct 2018 13:58

Instrument :

MSVOA_R

ClientSampleId :

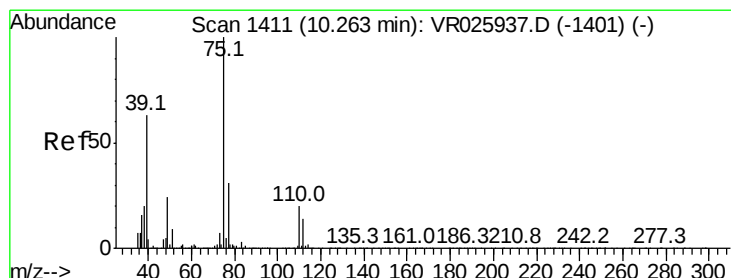
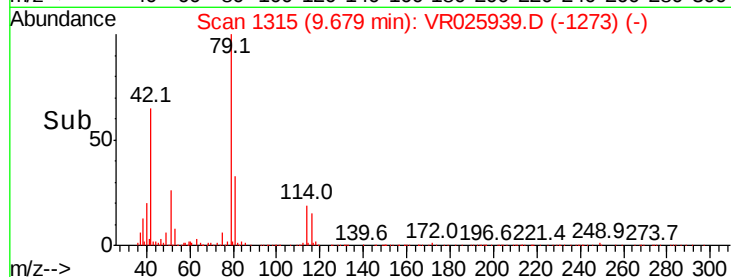
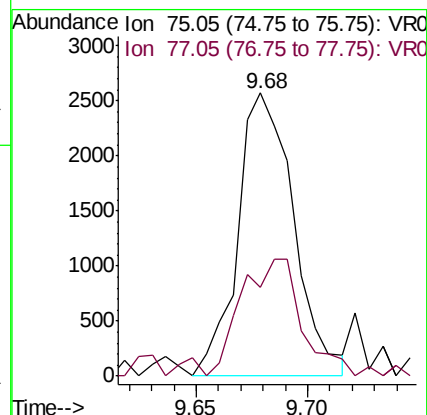
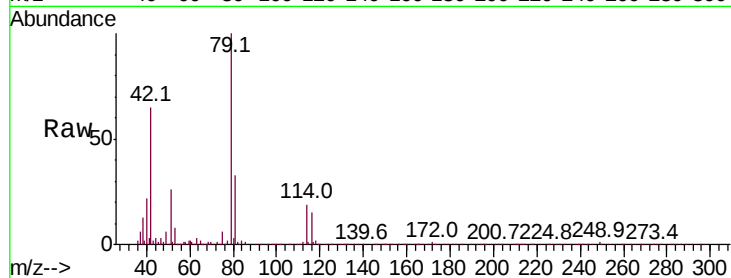
VHBLK01

Tot Ion: 75 Resp: 4489

Ion Ratio Lower Upper

75 100

77 31.2 21.5 39.9



#44

trans-1,3-Dichloropropene

Concen: 0.117 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR025939.D

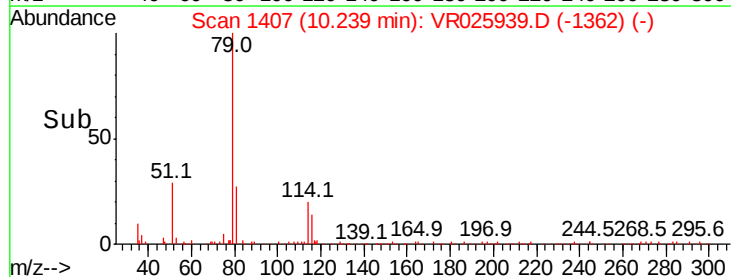
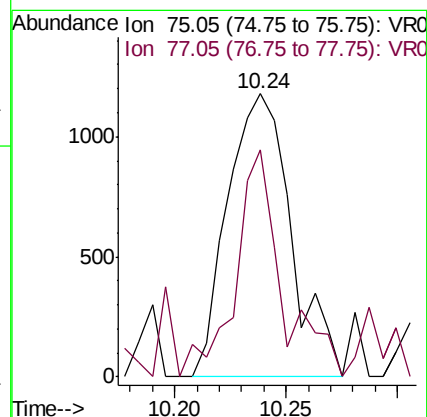
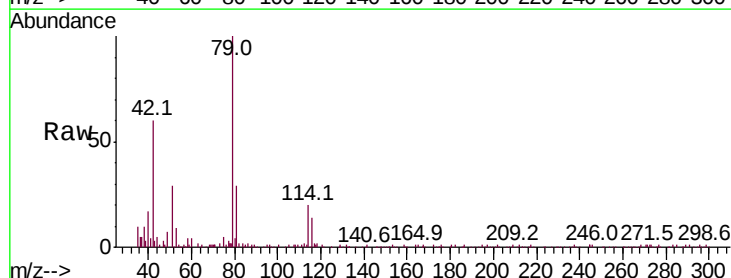
Acq: 3 Oct 2018 13:58

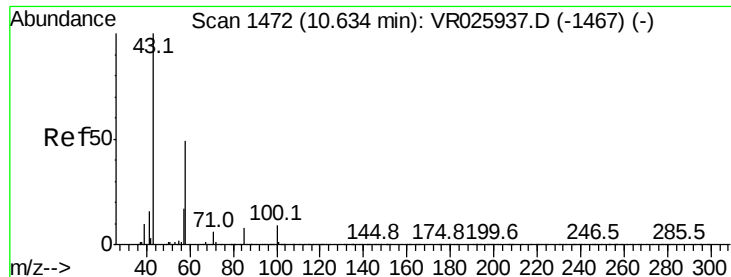
Tgt Ion: 75 Resp: 2340

Ion Ratio Lower Upper

75 100

77 80.2 23.0 42.8#





#48

2-Hexanone

Concen: 3.801 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025939.D

Acq: 3 Oct 2018 13:58

Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tot Ion: 43 Resp: 23892

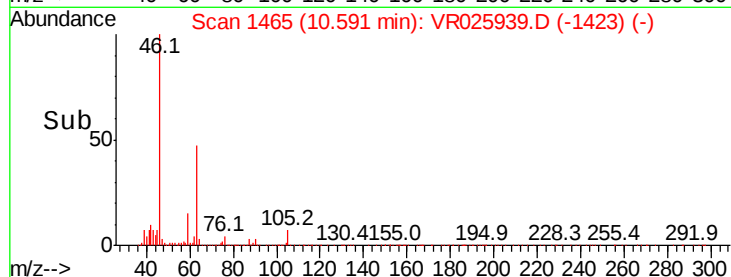
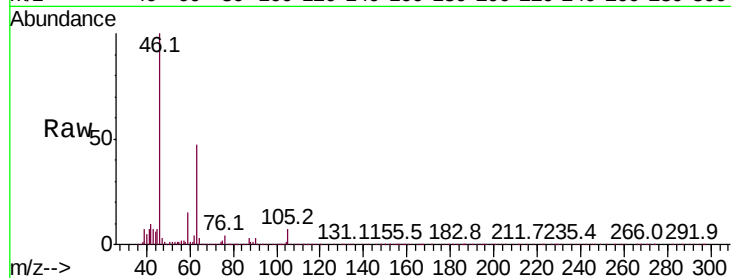
Ion Ratio Lower Upper

43 100

58 24.2 39.5 59.3#

57 26.9 14.6 21.8#

100 3.1 6.7 10.1#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

