

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025960.D
 Acq On : 5 Oct 2018 16:54
 Operator : SY/MD
 Sample : J5276-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 04:23:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 04:21:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	406546	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	339734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	112948	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	117707	3.67	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	2.63	69	122158	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.63	63	215810	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	6.59	46	204515	57.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.44%
24) Chloroform-d	7.20	84	236192	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
26) 1,2-Dichloroethane-d4	7.90	65	109941	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	7.85	84	433214	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	8.90	67	130661	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	9.97	98	377536	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
43) trans-1,3-Dichloropropene-	10.24	79	28350	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	10.59	63	144976	54.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59294	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	83490	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

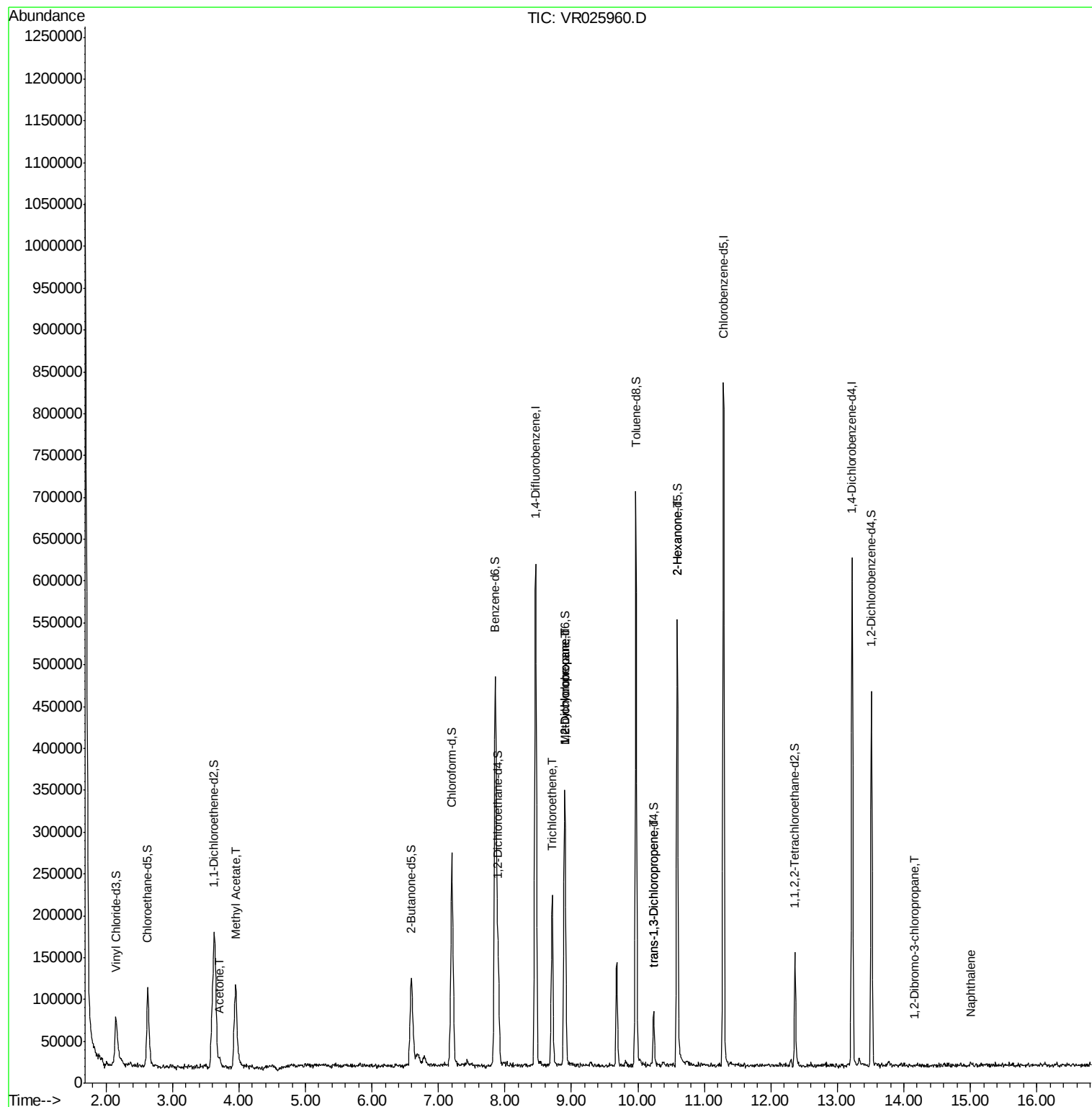
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	10974	4.236	ug/L	88
15) Methyl Acetate	3.95	43	42050	5.854	ug/L #	52
34) Trichloroethene	8.71	95	65619	2.185	ug/L	92
35) Methylcyclohexane	8.90	83	29437	0.652	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	17729	0.725	ug/L #	97
44) trans-1,3-Dichloropropene	10.24	75	1882	0.105	ug/L	92
48) 2-Hexanone	10.59	43	24612	4.373	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.15	75	229	0.205	ug/L #	82
69) Naphthalene	15.00	128	1897	0.119	ug/L #	85

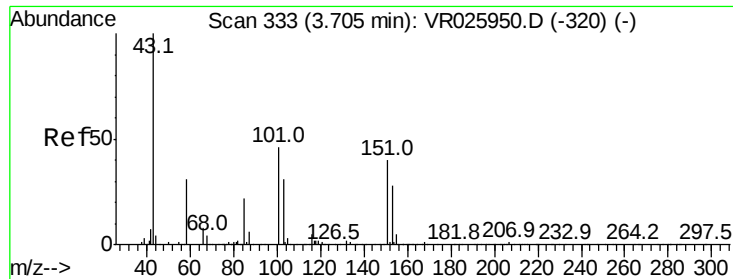
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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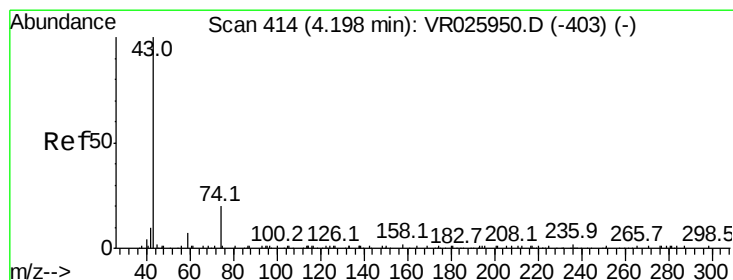
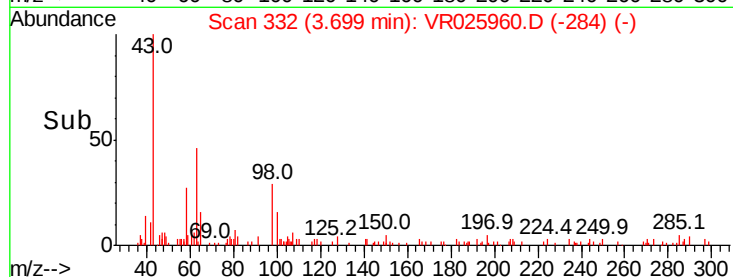
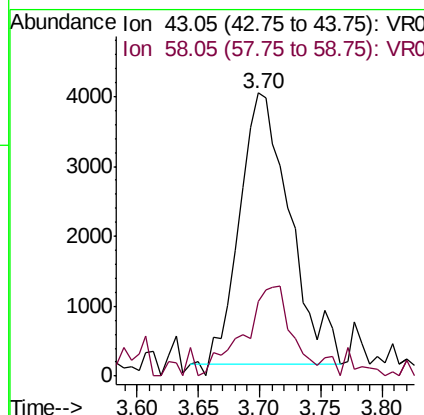
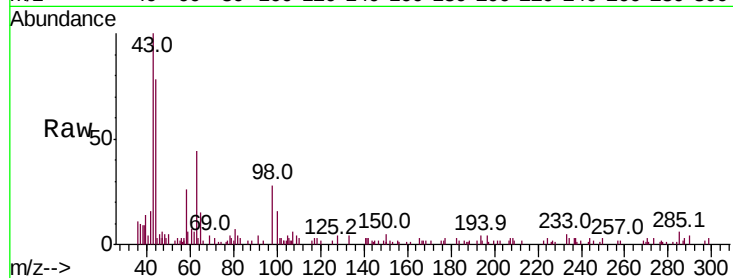




#13
Acetone
Concen: 4.236 ug/L
RT: 3.70 min Scan# 332
Delta R.T. -0.01 min
Lab File: VR025960.D
Acq: 5 Oct 2018 16:54

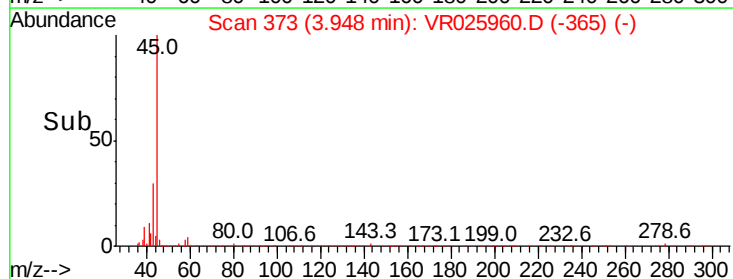
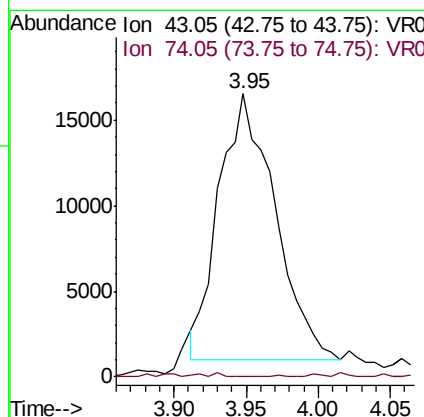
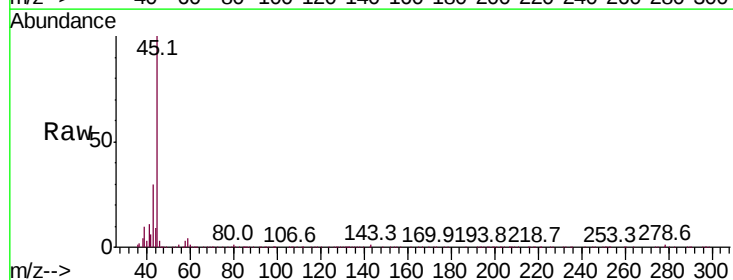
Instrument :
MSVOA_R
ClientSampleId :

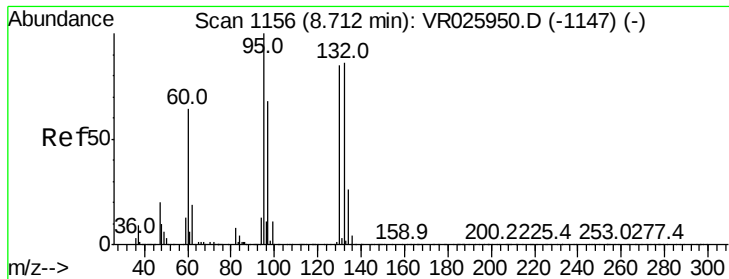
Tot Ion: 43 Resp: 10974
Ion Ratio Lower Upper
43 100
58 31.6 0.0 51.4



#15
Methyl Acetate
Concen: 5.854 ug/L
RT: 3.95 min Scan# 373
Delta R.T. -0.25 min
Lab File: VR025960.D
Acq: 5 Oct 2018 16:54

Tgt Ion: 43 Resp: 42050
Ion Ratio Lower Upper
43 100
74 0.2 19.0 28.4#

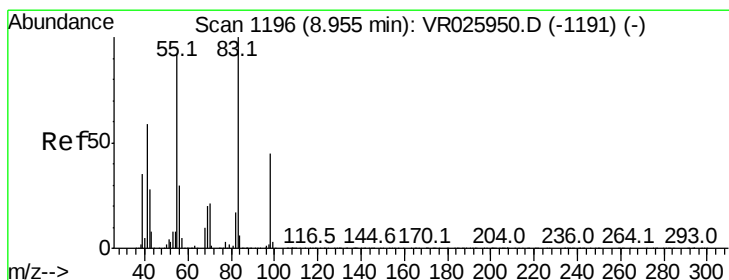
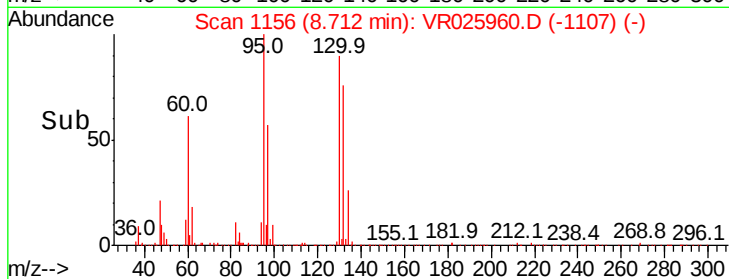
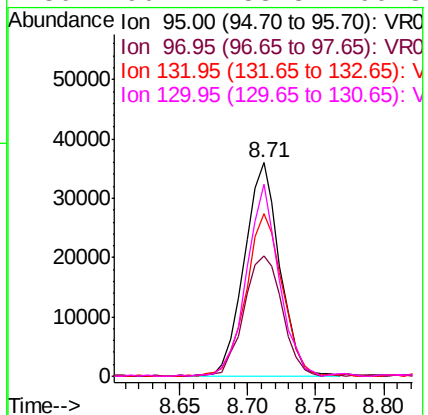
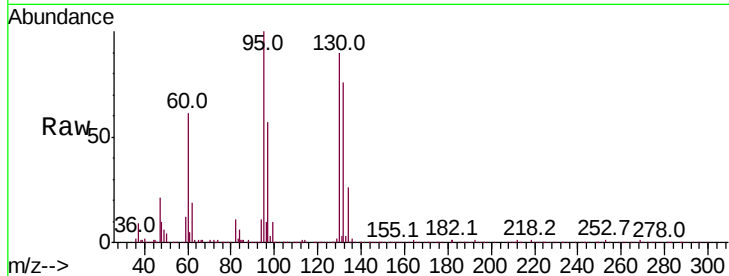




#34
 Trichloroethene
 Concen: 2.185 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. -0.00 min
 Lab File: VR025960.D
 Acq: 5 Oct 2018 16:54

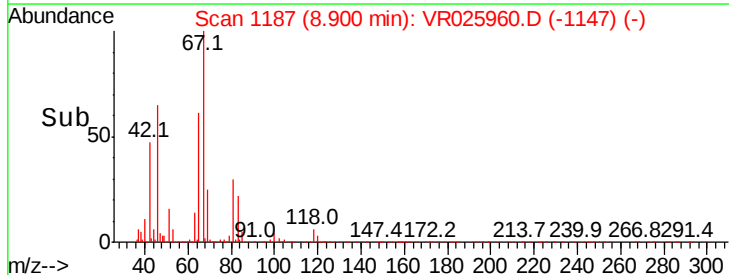
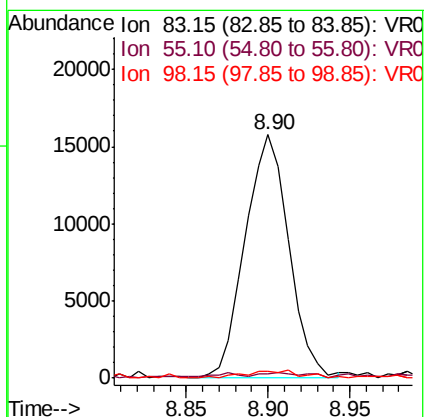
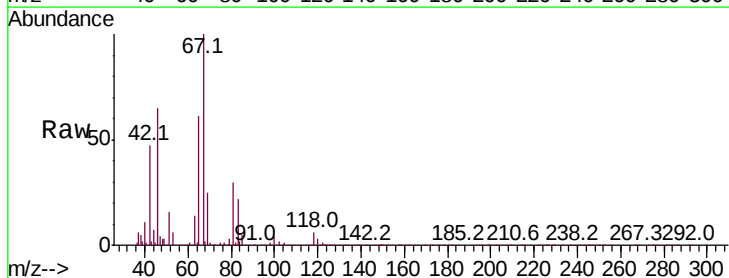
Instrument :
 MSVOA_R
 ClientSampleId :

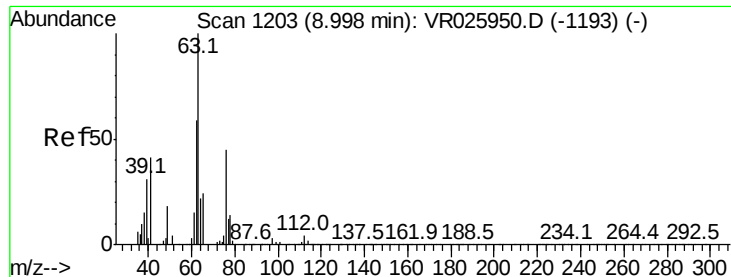
Tot Ion	Ratio	Lower	Upper
95	100		
97	56.5	43.9	81.5
132	75.9	53.3	98.9
130	90.1	53.8	99.8



#35
 Methylcyclohexane
 Concen: 0.652 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.05 min
 Lab File: VR025960.D
 Acq: 5 Oct 2018 16:54

Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.4	71.8	107.6#
98	3.4	34.2	51.4#





#37

1,2-Dichloropropane

Concen: 0.725 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

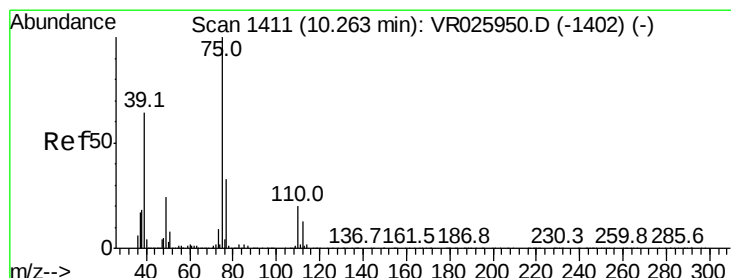
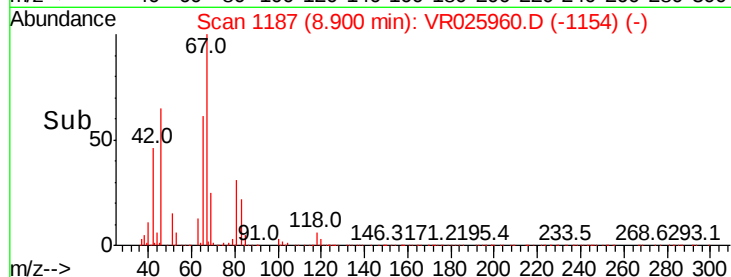
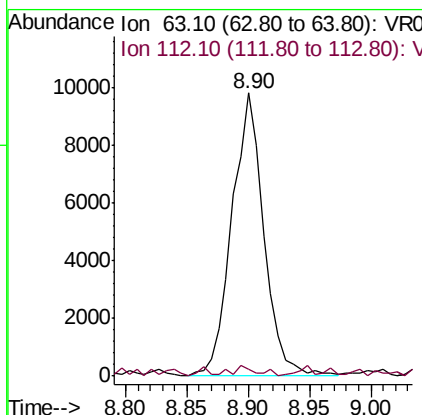
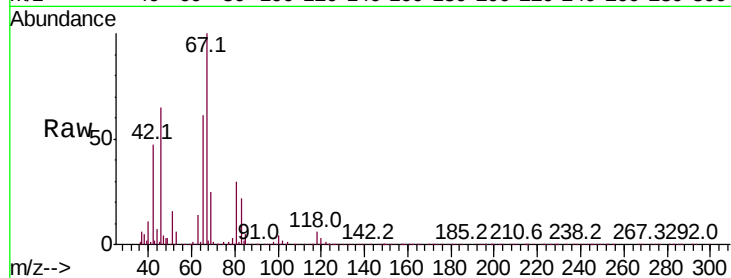
Lab File: VR025960.D

Acq: 5 Oct 2018 16:54

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 63 Resp: 17729

Ion	Ratio	Lower	Upper
63	100		
112	2.1	2.5	3.7#



#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 10.24 min Scan# 1408

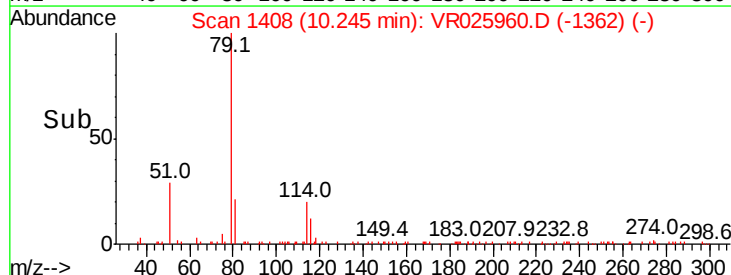
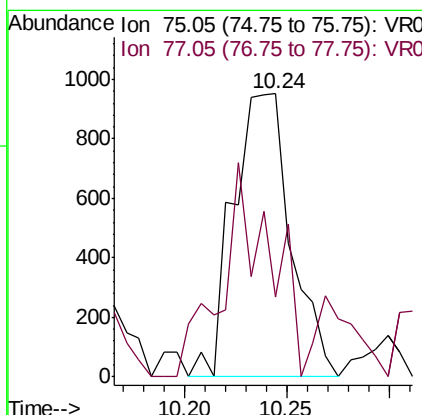
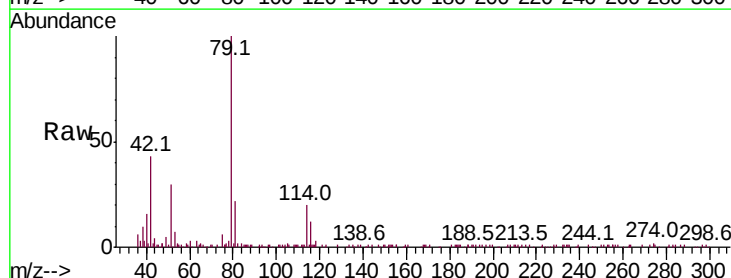
Delta R.T. -0.02 min

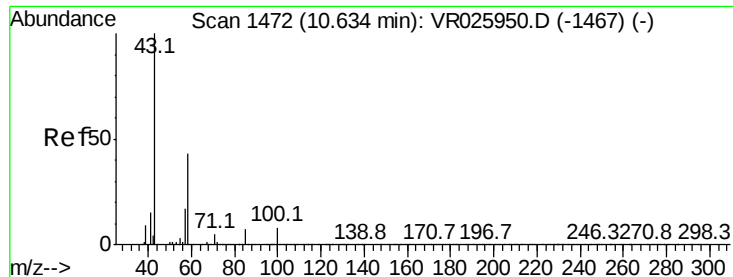
Lab File: VR025960.D

Acq: 5 Oct 2018 16:54

Tgt Ion: 75 Resp: 1882

Ion	Ratio	Lower	Upper
75	100		
77	28.3	23.0	42.8

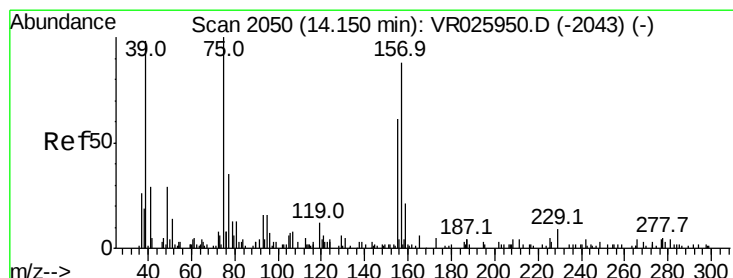
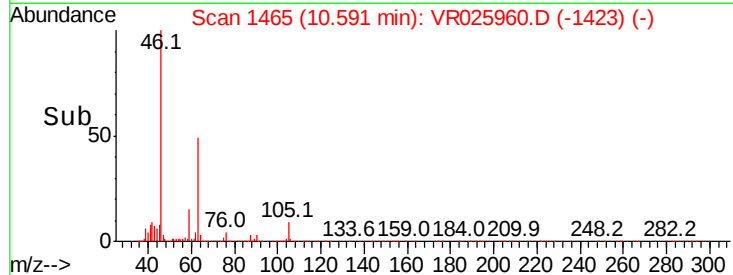
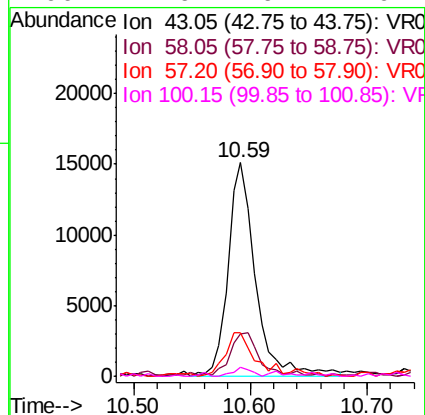
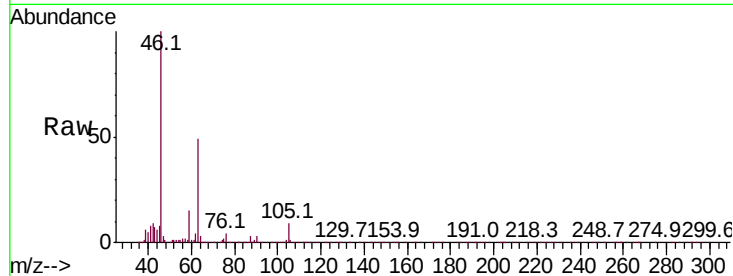




#48
2-Hexanone
Concen: 4.373 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR025960.D
Acq: 5 Oct 2018 16:54

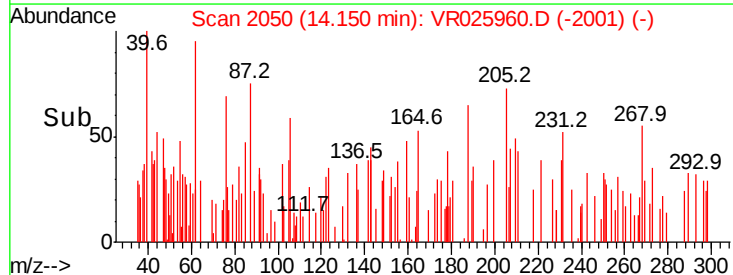
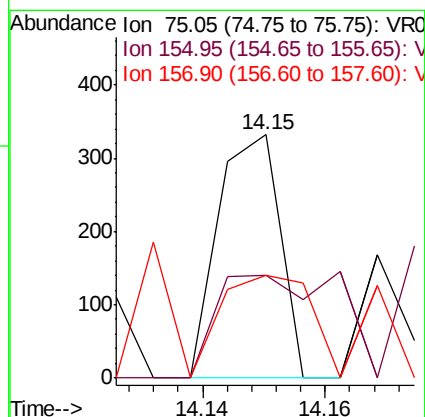
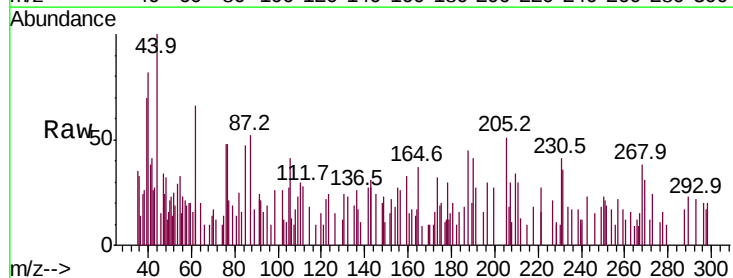
Instrument :
MSVOA_R
ClientSampleId :

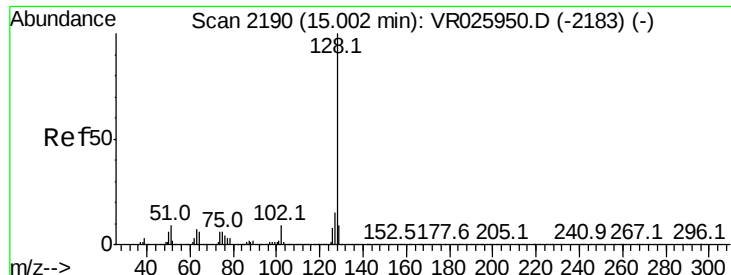
Tot Ion: 43 Resp: 24612
Ion Ratio Lower Upper
43 100
58 22.5 39.5 59.3#
57 21.8 14.6 21.8
100 2.6 6.7 10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.205 ug/L
RT: 14.15 min Scan# 2050
Delta R.T. -0.00 min
Lab File: VR025960.D
Acq: 5 Oct 2018 16:54

Tgt Ion: 75 Resp: 229
Ion Ratio Lower Upper
75 100
155 42.5 37.8 56.6
157 42.2 49.7 74.5#





#69

Naphthalene

Concen: 0.119 ug/L

RT: 15.00 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VR025960.D

Acq: 5 Oct 2018 16:54

Instrument :

MSVOA_R

ClientSampleId :

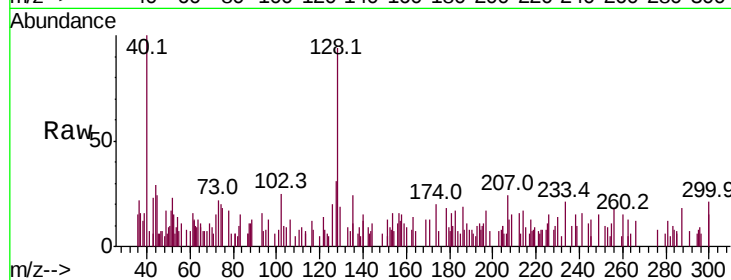
Tot Ion:128 Resp: 1897

Ion Ratio Lower Upper

128 100

127 17.2 10.5 15.7#

129 19.8 9.4 14.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

