

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100518\
 Data File : VR025965.D
 Acq On : 5 Oct 2018 21:31
 Operator : SY/MD
 Sample : J5276-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 06 05:31:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 06 05:30:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	399799	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	337423	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	110403	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	114652	3.64	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	2.63	69	120489	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	3.63	63	206783	2.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.80%#
20) 2-Butanone-d5	6.59	46	190967	54.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.66%
24) Chloroform-d	7.20	84	221693	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	7.90	65	105711	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
32) Benzene-d6	7.85	84	411411	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.20%
36) 1,2-Dichloropropane-d6	8.90	67	125772	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	9.97	98	357284	3.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.80%#
43) trans-1,3-Dichloropropene-	10.24	79	25108	3.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.20%
46) 2-Hexanone-d5	10.59	63	139190	53.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.26%
57) 1,1,1,2,2-Tetrachloroethane-	12.36	84	57156	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	78544	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

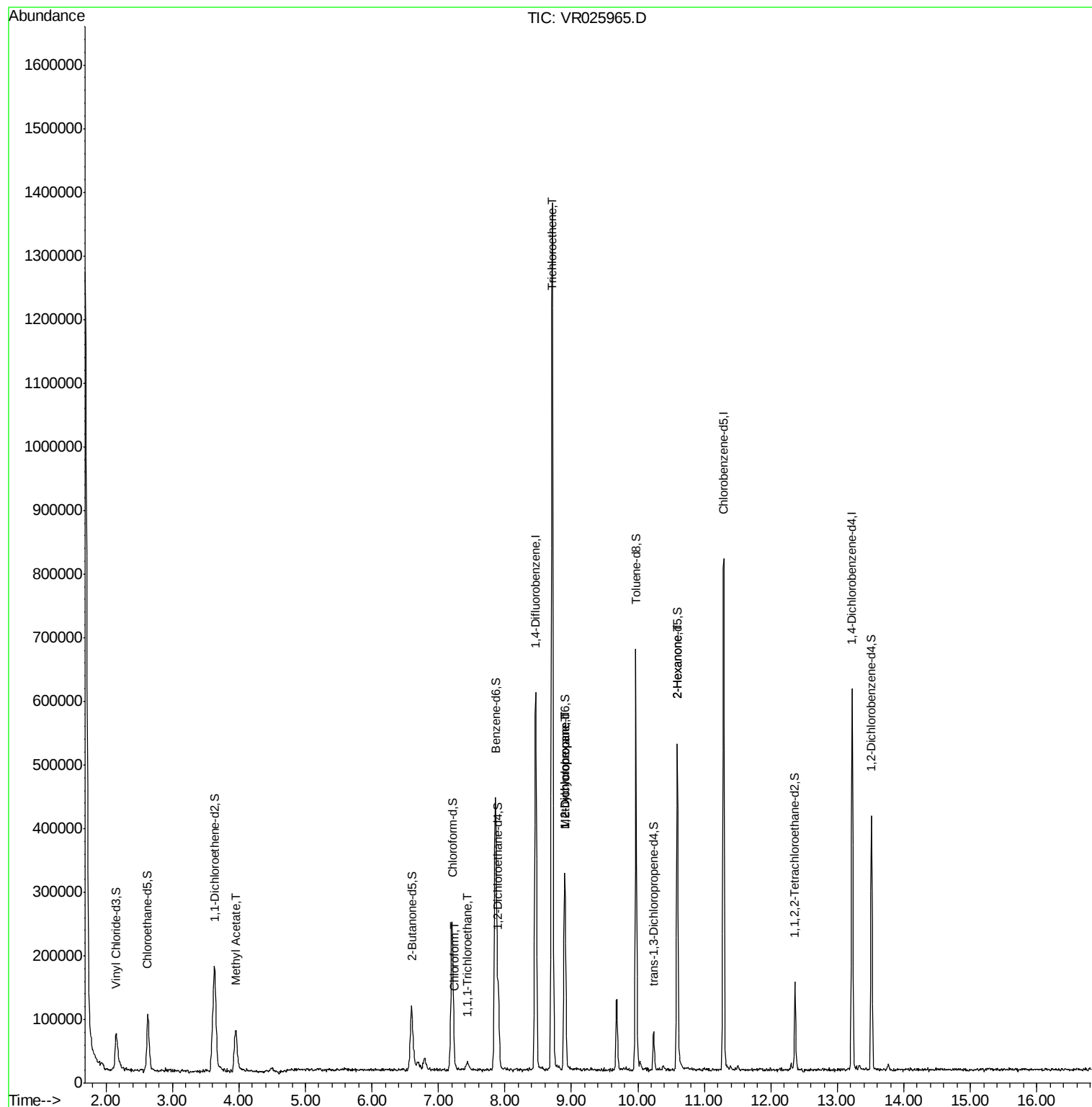
					Ovalue
15) Methyl Acetate	3.95	43	33427	4.732	ug/L # 53
25) Chloroform	7.24	83	5464	0.114	ug/L 90
29) 1,1,1-Trichloroethane	7.43	97	10777	0.284	ug/L # 83
34) Trichloroethene	8.71	95	431361	14.465	ug/L 93
35) Methylcyclohexane	8.90	83	30395	0.678	ug/L # 15
37) 1,2-Dichloropropane	8.89	63	16892	0.696	ug/L # 95
48) 2-Hexanone	10.59	43	22872	4.092	ug/L # 73

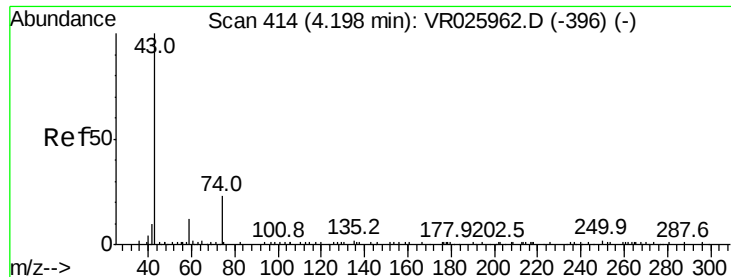
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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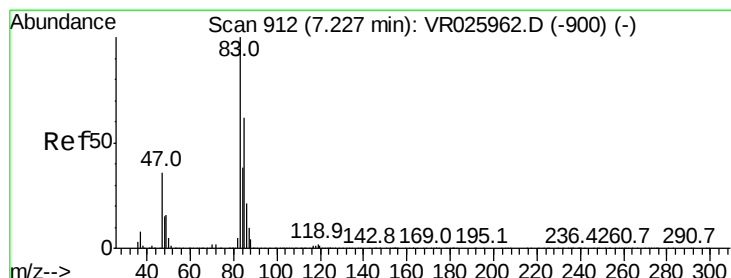
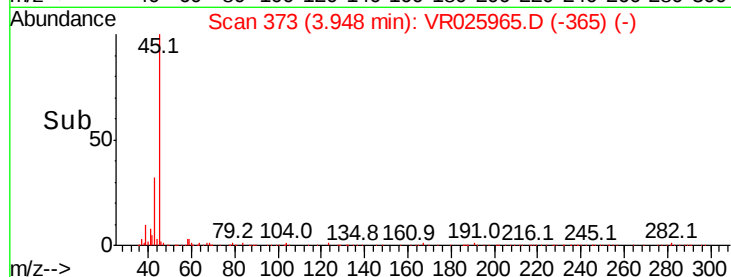
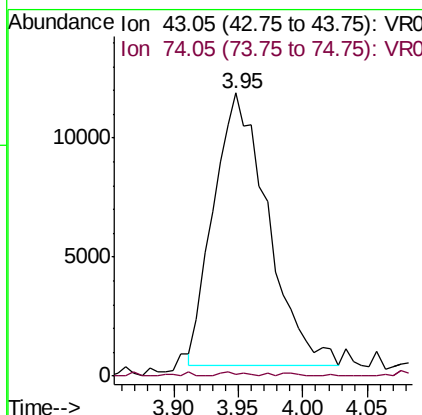
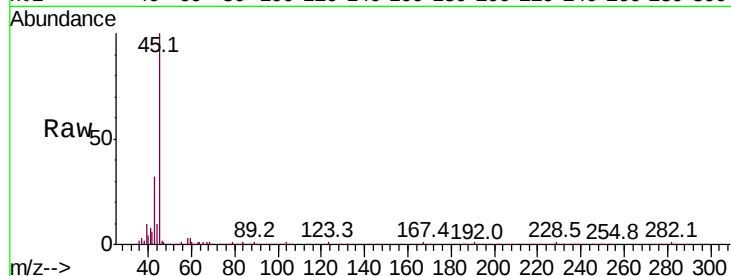




#15
Methvl Acetate
Concen: 4.732 ug/L
RT: 3.95 min Scan# 373
Delta R.T. -0.25 min
Lab File: VR025965.D
Acq: 5 Oct 2018 21:31

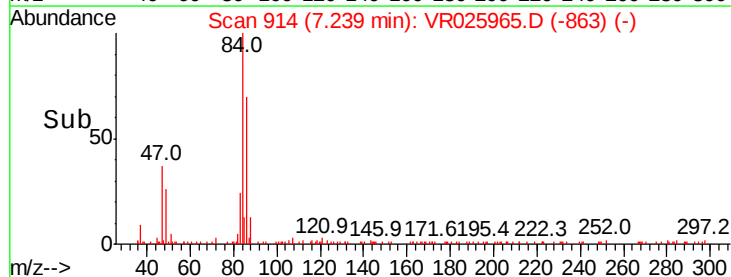
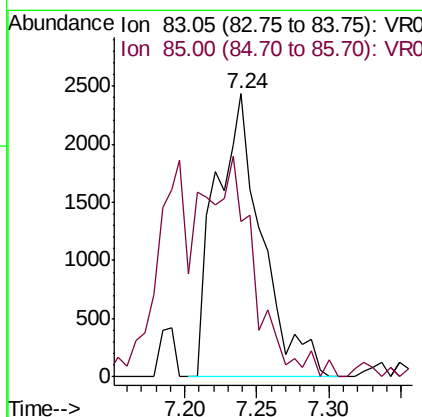
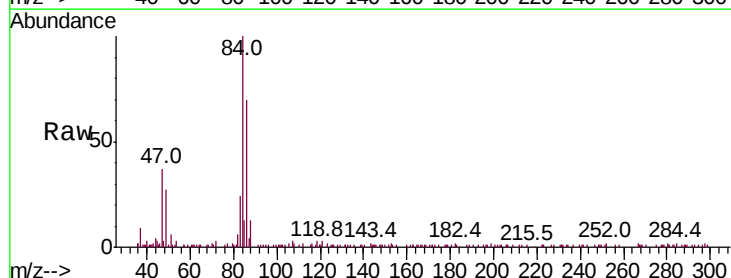
Instrument :
MSVOA_R
ClientSampleId :

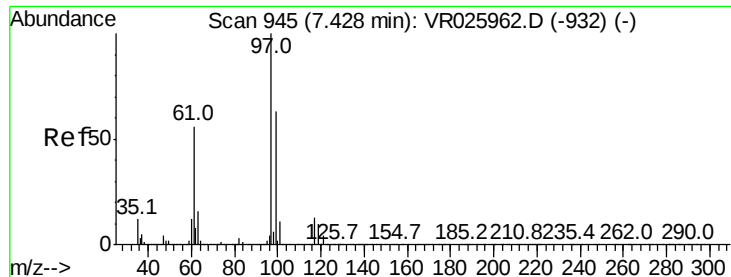
Tot Ion: 43 Resp: 33427
Ion Ratio Lower Upper
43 100
74 0.6 19.0 28.4#



#25
Chloroform
Concen: 0.114 ug/L
RT: 7.24 min Scan# 914
Delta R.T. 0.01 min
Lab File: VR025965.D
Acq: 5 Oct 2018 21:31

Tgt Ion: 83 Resp: 5464
Ion Ratio Lower Upper
83 100
85 54.9 43.8 81.4

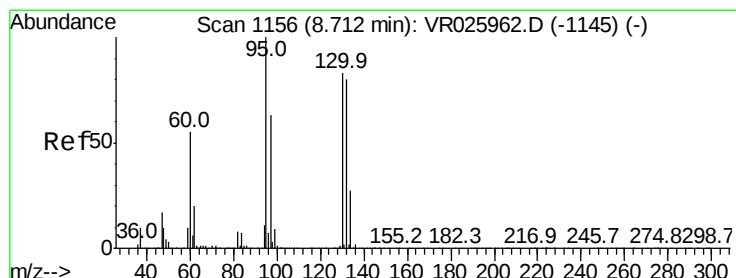
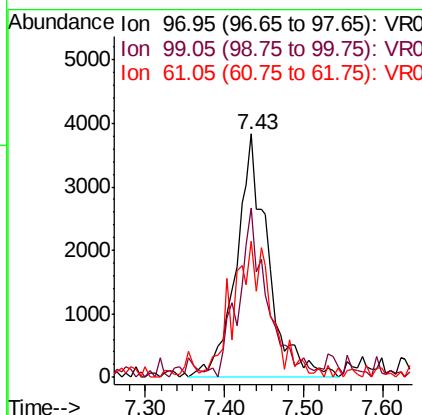
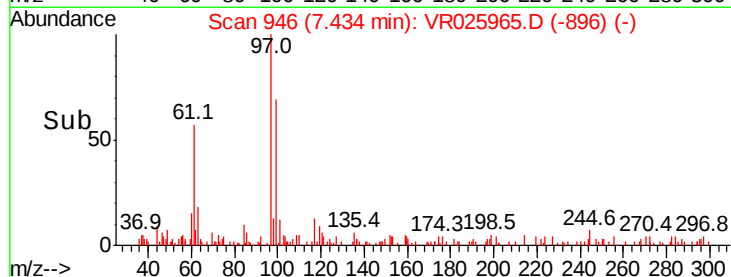
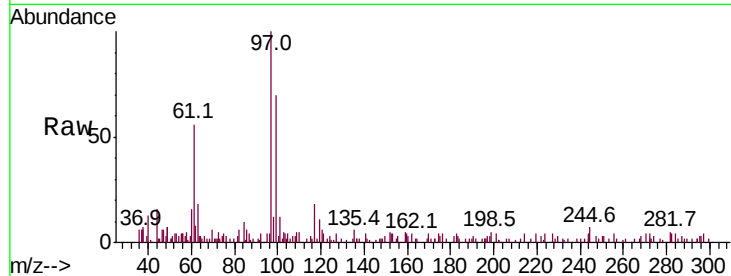




#29
1,1,1-Trichloroethane
Concen: 0.284 ug/L
RT: 7.43 min Scan# 946
Delta R.T. 0.01 min
Lab File: VR025965.D
Acq: 5 Oct 2018 21:31

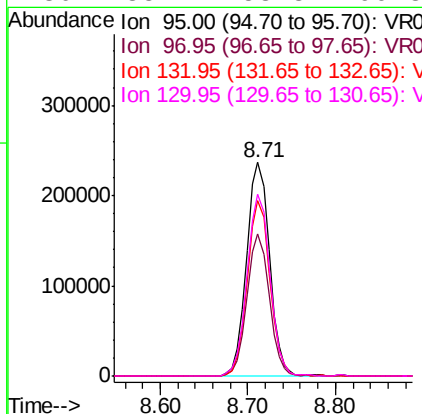
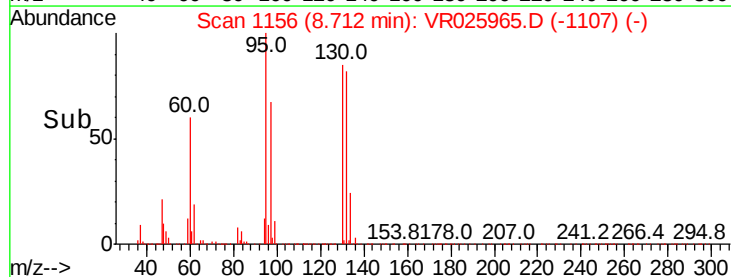
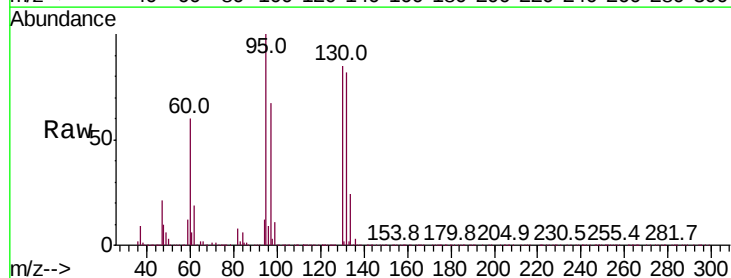
Instrument :
MSVOA_R
ClientSampled :

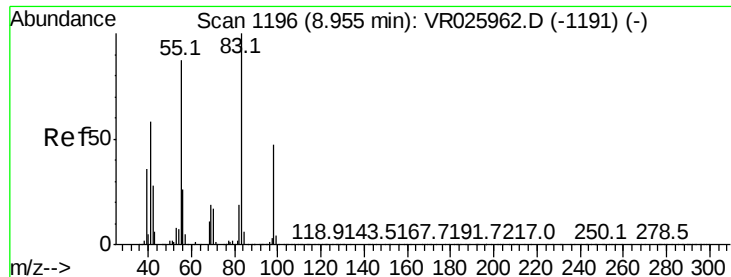
Tot Ion: 97 Resp: 10777
Ion Ratio Lower Upper
97 100
99 63.4 51.0 76.6
61 26.4 41.6 62.4#



#34
Trichloroethene
Concen: 14.465 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR025965.D
Acq: 5 Oct 2018 21:31

Tgt Ion: 95 Resp: 431361
Ion Ratio Lower Upper
95 100
97 66.7 43.9 81.5
132 81.9 53.3 98.9
130 85.1 53.8 99.8

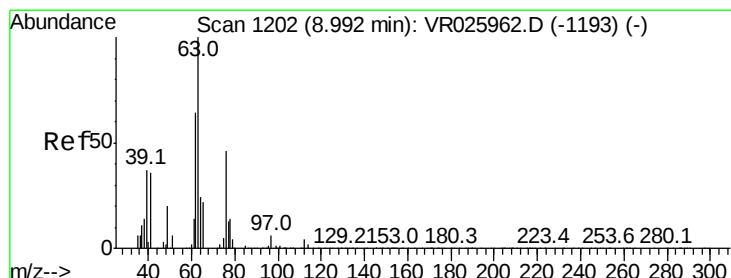
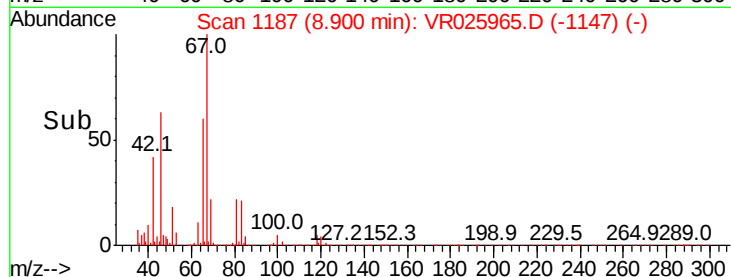
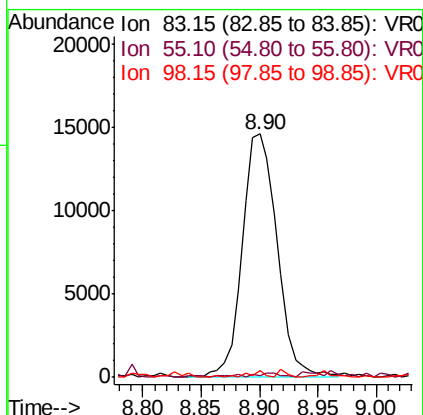
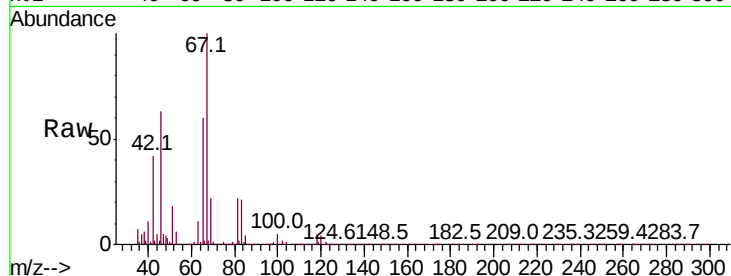




#35
Methvlcvclohexane
Concen: 0.678 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR025965.D
Acq: 5 Oct 2018 21:31

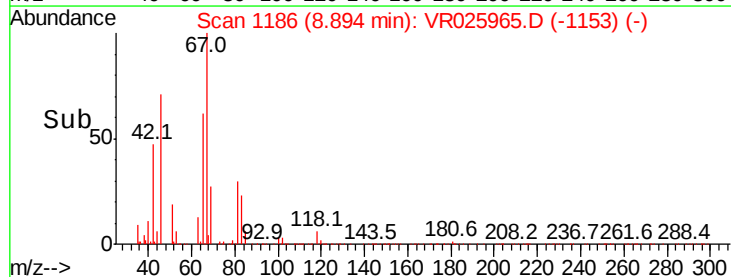
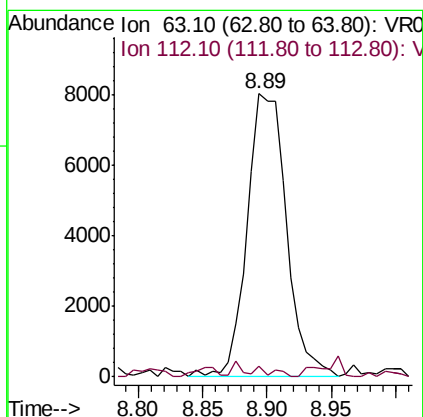
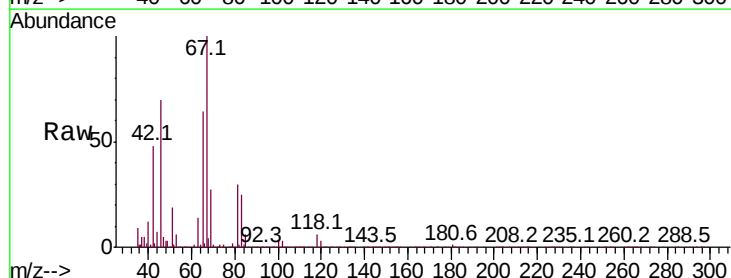
Instrument :
MSVOA_R
ClientSampleId :

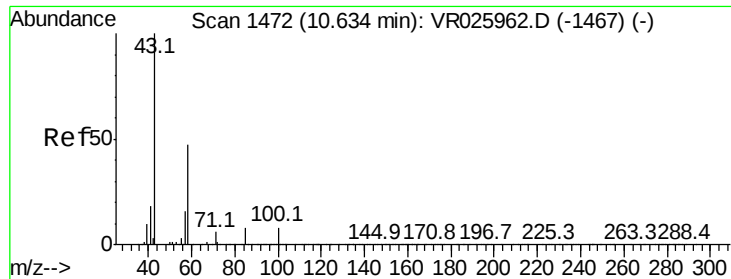
Tot Ion: 83 Resp: 30395
Ion Ratio Lower Upper
83 100
55 1.2 71.8 107.6#
98 0.0 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR025965.D
Acq: 5 Oct 2018 21:31

Tgt Ion: 63 Resp: 16892
Ion Ratio Lower Upper
63 100
112 1.6 2.5 3.7#





#48

2-Hexanone

Concen: 4.092 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

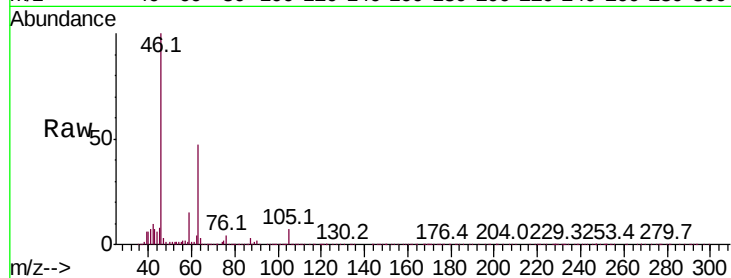
Lab File: VR025965.D

Acq: 5 Oct 2018 21:31

Instrument :

MSVOA_R

ClientSampleId :



Tot Ion: 43 Resp: 22872

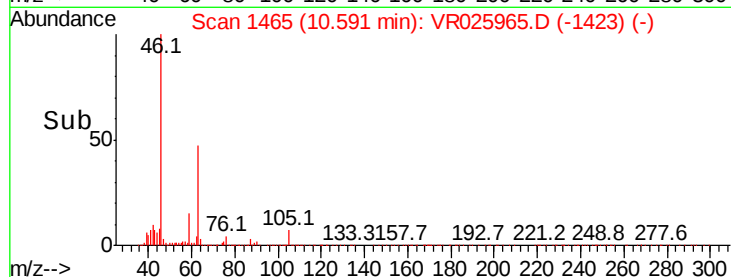
Ion Ratio Lower Upper

43 100

58 27.5 39.5 59.3#

57 25.6 14.6 21.8#

100 1.7 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

