

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\
 Data File : VR026007.D
 Acq On : 9 Oct 2018 4:47
 Operator : SY/MD
 Sample : J5279-19
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 09 06:53:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 09 06:51:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	378114	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	315485	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	103852	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	176538	5.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.40%
7) Chloroethane-d5	2.62	69	158926	6.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	130.40%#
11) 1,1-Dichloroethene-d2	3.61	63	304831	4.35	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.00%
20) 2-Butanone-d5	6.59	46	173546	52.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	7.20	84	264534	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	7.90	65	119921	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	7.85	84	518754	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	141354	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	9.97	98	471721	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.24	79	28601	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	10.59	63	137230	56.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58999	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	95350	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

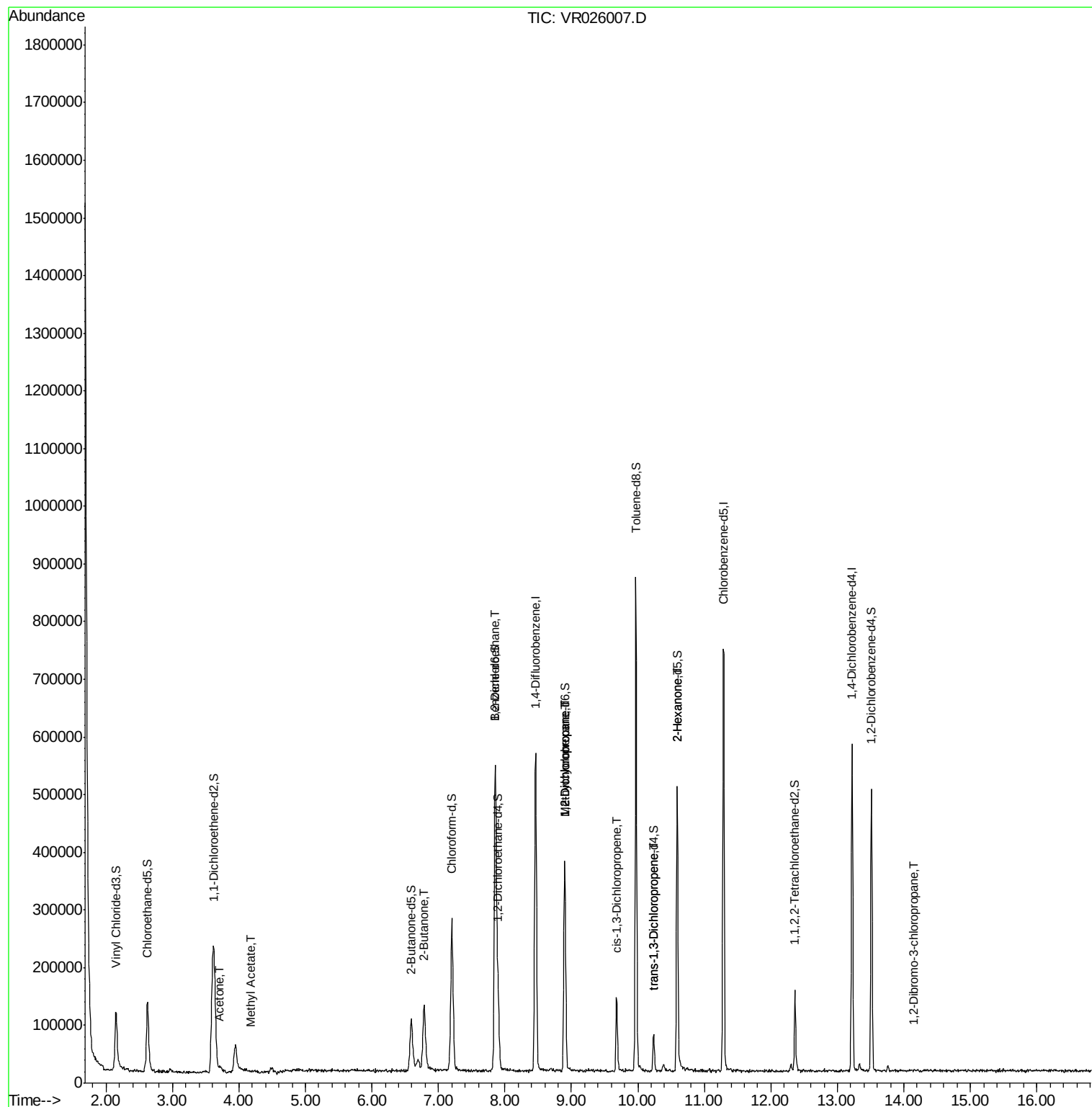
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	6358	2.639	ug/L	78
15) Methyl Acetate	4.18	43	1192	0.178	ug/L #	89
21) 2-Butanone	6.79	43	199561	60.220	ug/L #	52
27) 1,2-Dichloroethane	7.86	62	4568	0.201	ug/L	97
35) Methylcyclohexane	8.90	83	35198	0.840	ug/L #	16
37) 1,2-Dichloropropane	8.90	63	20144	0.887	ug/L	99
39) cis-1,3-Dichloropropene	9.68	75	4389	0.172	ug/L	83
44) trans-1,3-Dichloropropene	10.23	75	2470	0.149	ug/L	84
48) 2-Hexanone	10.59	43	22217	4.251	ug/L #	72
66) 1,2-Dibromo-3-chloropropan	14.14	75	263	0.256	ug/L #	65

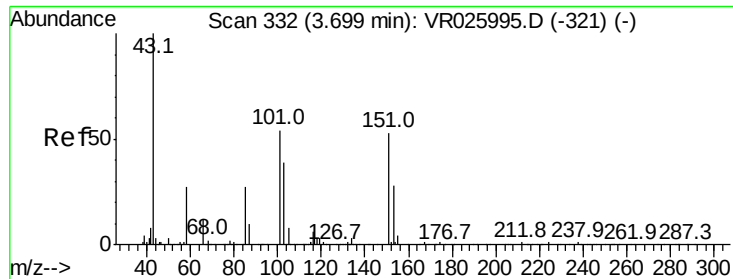
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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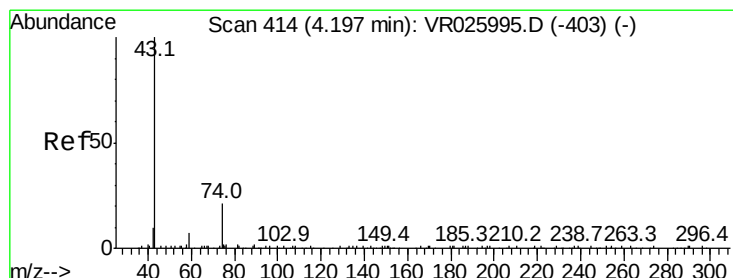
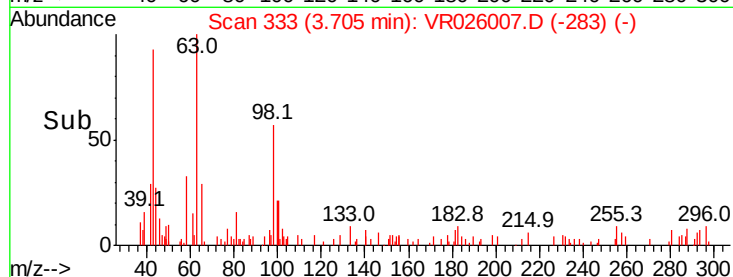
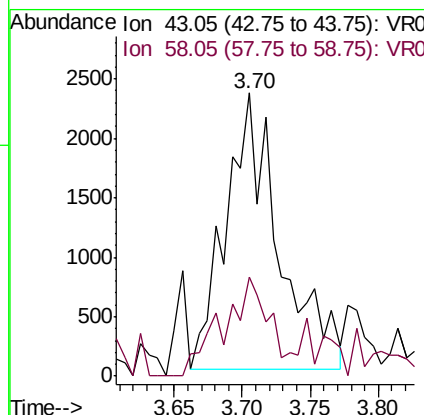
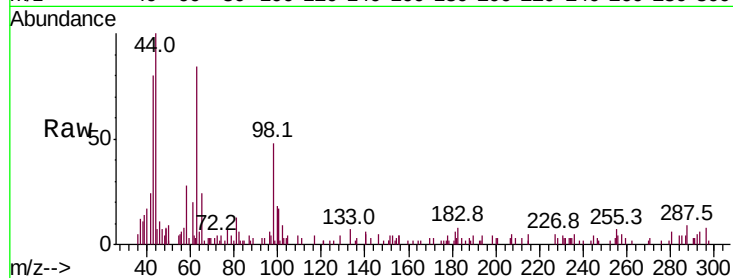




#13
Acetone
Concen: 2.639 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

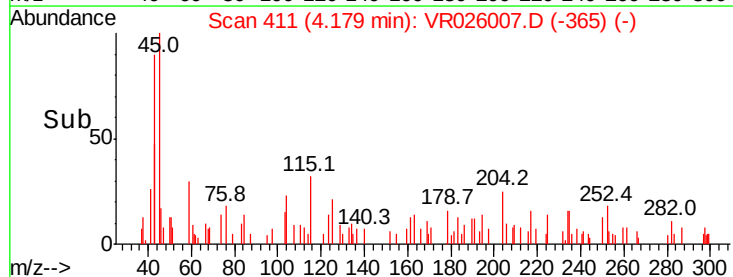
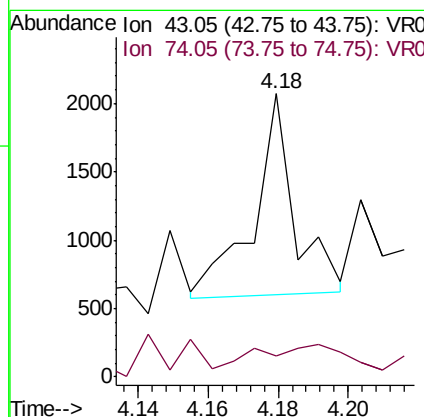
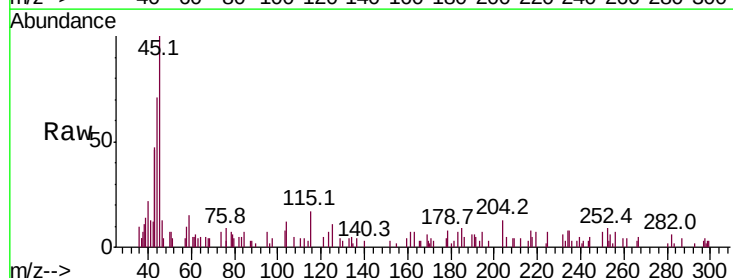
Instrument :
MSVOA_R
ClientSampled :

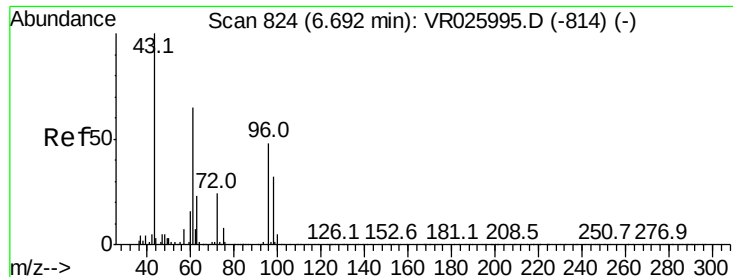
Tot Ion: 43 Resp: 6358
Ion Ratio Lower Upper
43 100
58 14.4 0.0 51.4



#15
Methyl Acetate
Concen: 0.178 ug/L
RT: 4.18 min Scan# 411
Delta R.T. -0.02 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Tgt Ion: 43 Resp: 1192
Ion Ratio Lower Upper
43 100
74 28.9 19.0 28.4#

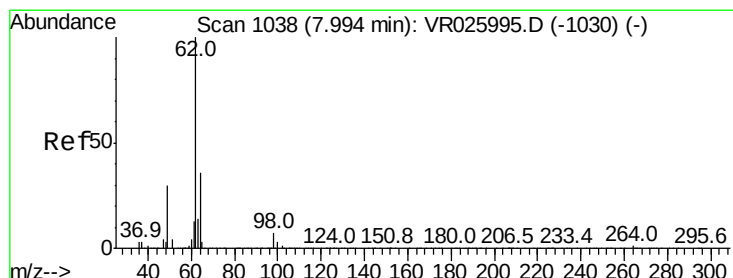
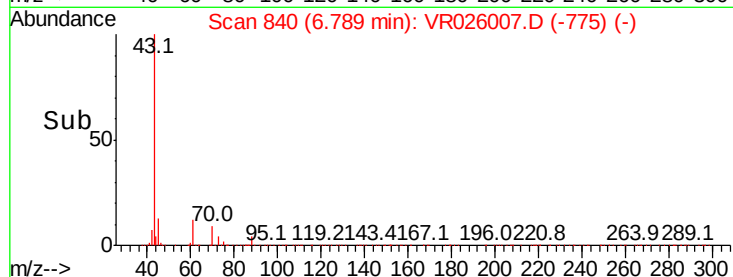
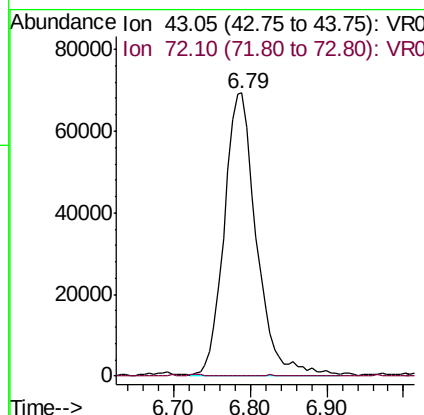
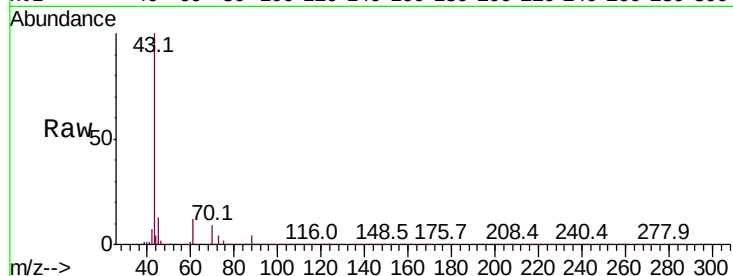




#21
2-Butanone
Concen: 60.220 ug/L
RT: 6.79 min Scan# 840
Delta R.T. 0.10 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

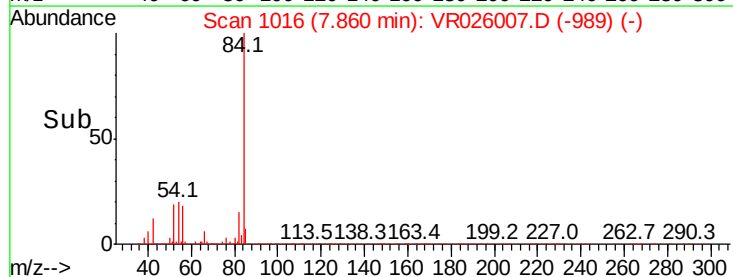
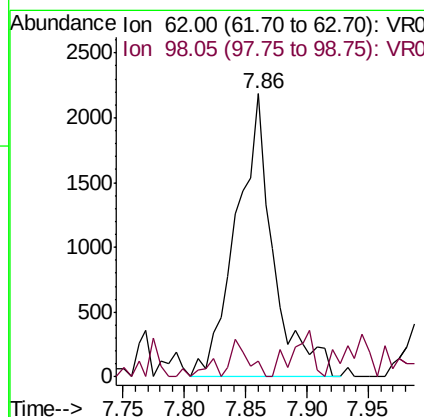
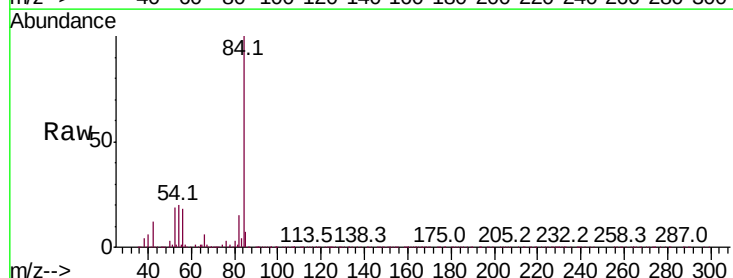
Instrument :
MSVOA_R
ClientSampled :

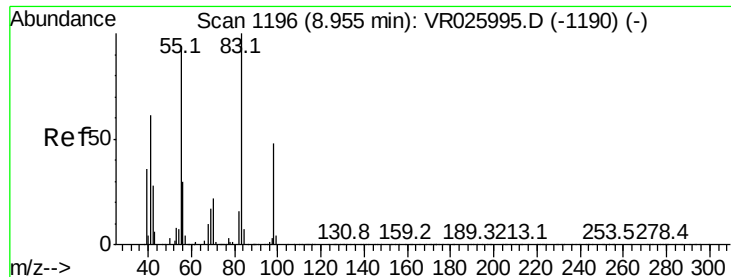
Tot Ion: 43 Resp: 199561
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.7#



#27
1,2-Dichloroethane
Concen: 0.201 ug/L
RT: 7.86 min Scan# 1016
Delta R.T. -0.13 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Tgt Ion: 62 Resp: 4568
Ion Ratio Lower Upper
62 100
98 5.5 5.2 7.8

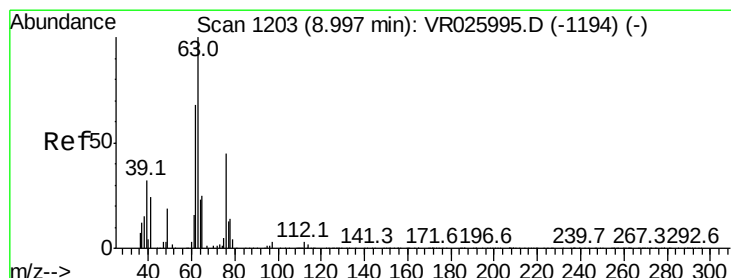
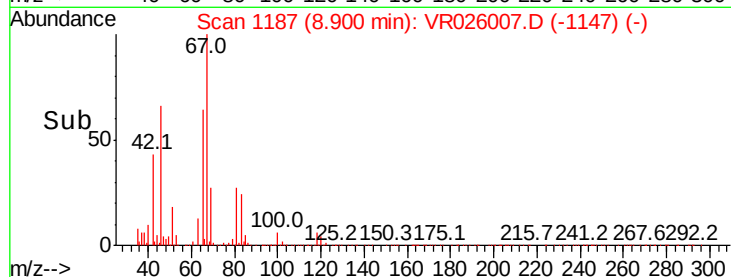
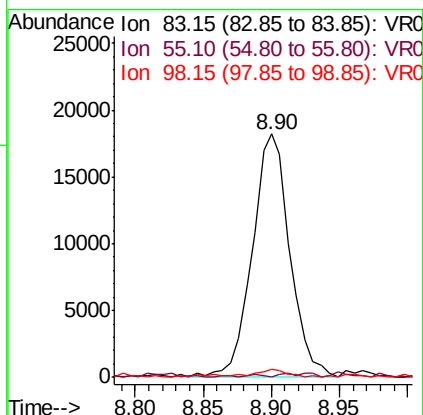
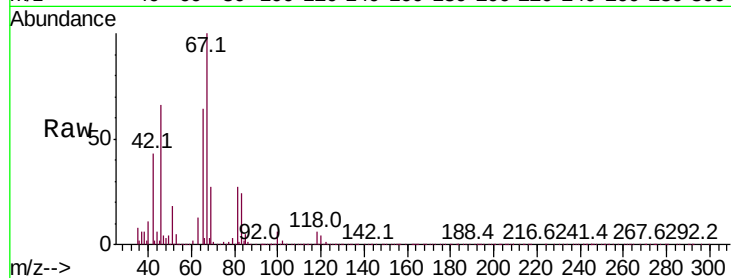




#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

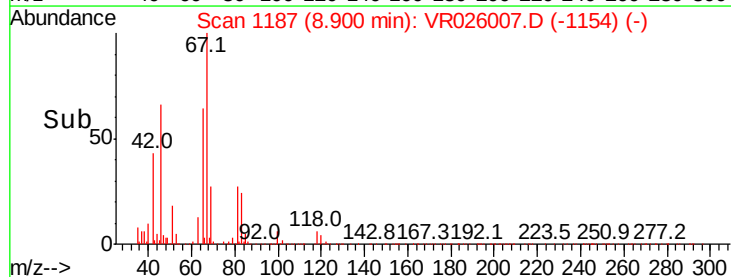
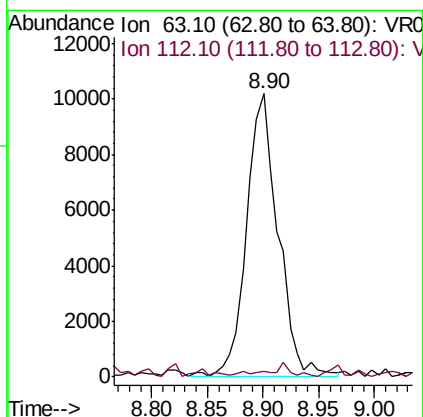
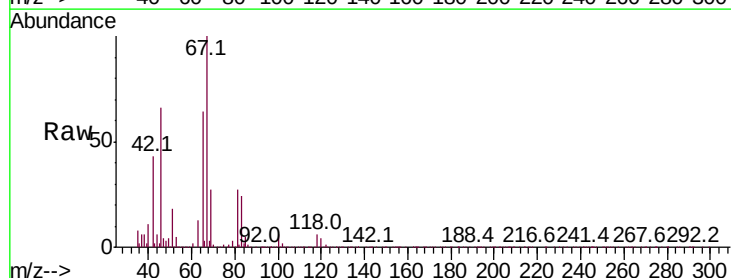
Instrument :
MSVOA_R
ClientSampleId :

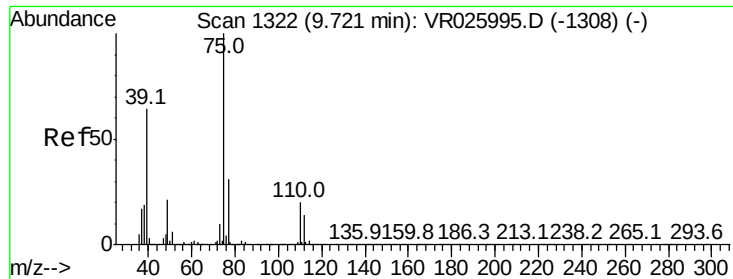
Tot Ion	83	Resp	35198
Ion Ratio	100	Lower	Upper
55	0.6	71.8	107.6#
98	2.7	34.2	51.4#



#37
1,2-Dichloropropane
Concen: 0.887 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Tgt Ion	63	Resp	20144
Ion Ratio	100	Lower	Upper
112	2.7	2.5	3.7



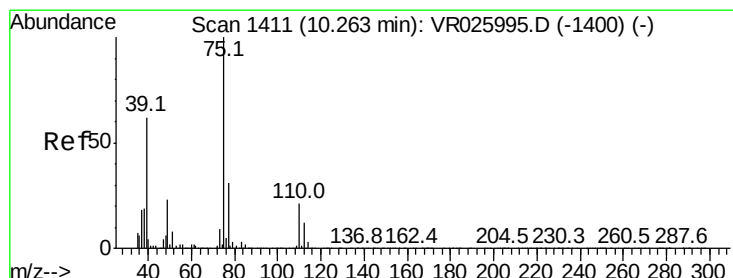
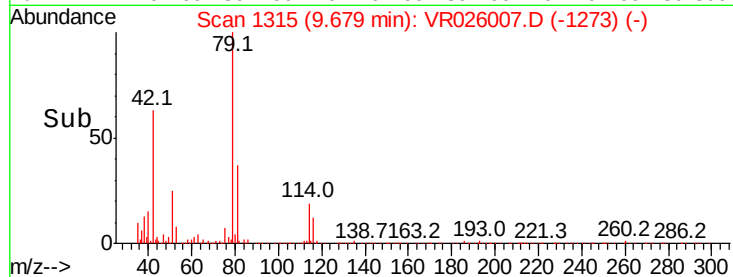
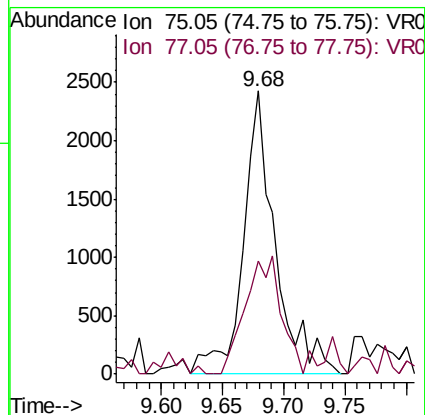
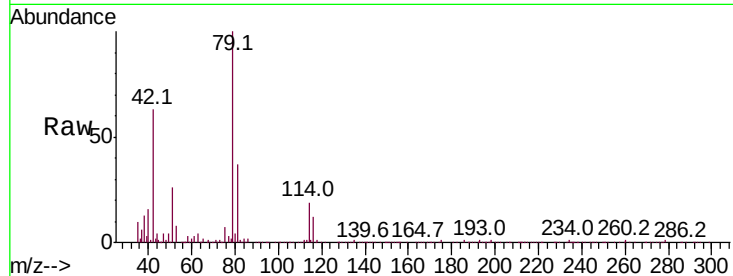


#39

cis-1,3-Dichloropropene
Concen: 0.172 ug/L
RT: 9.68 min Scan# 1315
Delta R.T. -0.04 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Instrument :
MSVOA_R
ClientSampled :

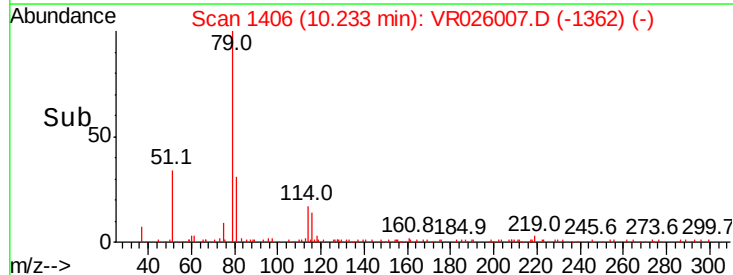
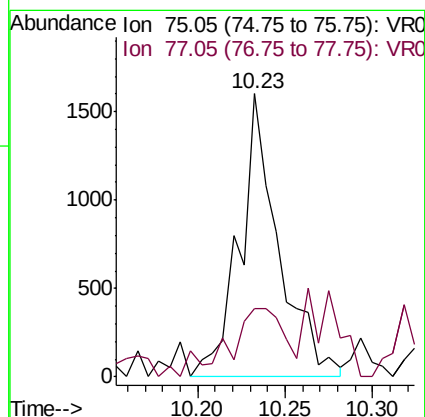
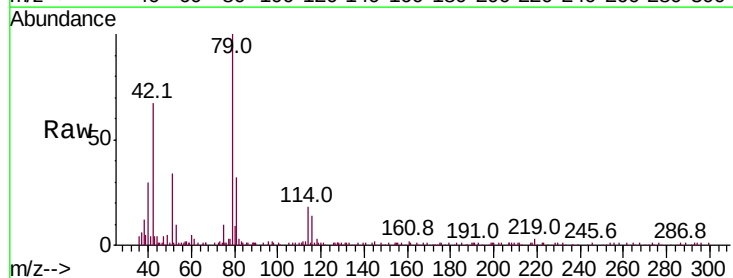
Tot Ion: 75 Resp: 4389
Ion Ratio Lower Upper
75 100
77 39.9 21.5 39.9

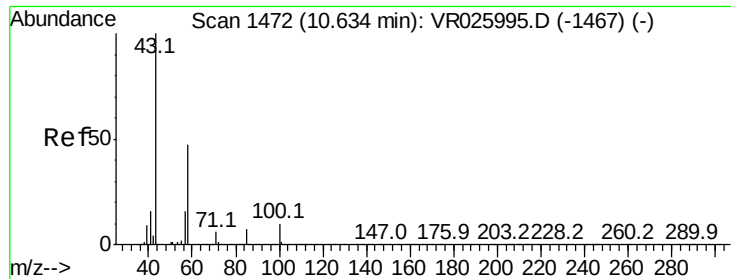


#44

trans-1,3-Dichloropropene
Concen: 0.149 ug/L
RT: 10.23 min Scan# 1406
Delta R.T. -0.03 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Tgt Ion: 75 Resp: 2470
Ion Ratio Lower Upper
75 100
77 24.0 23.0 42.8

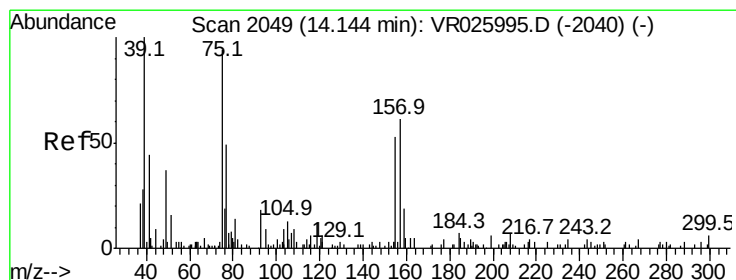
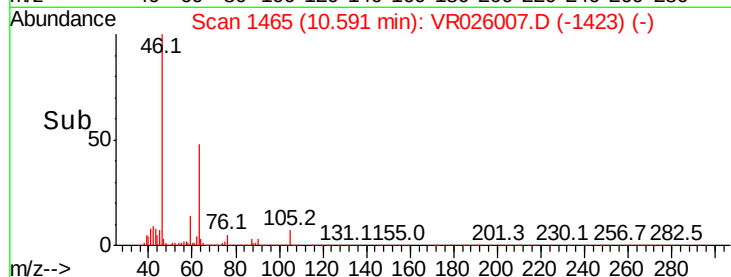
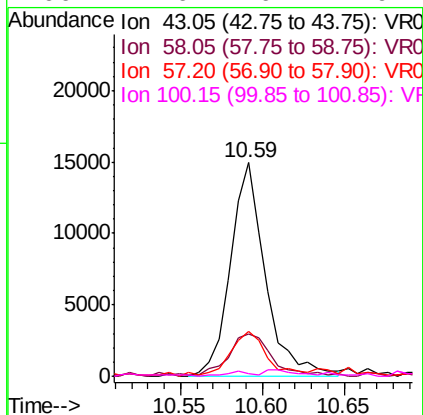
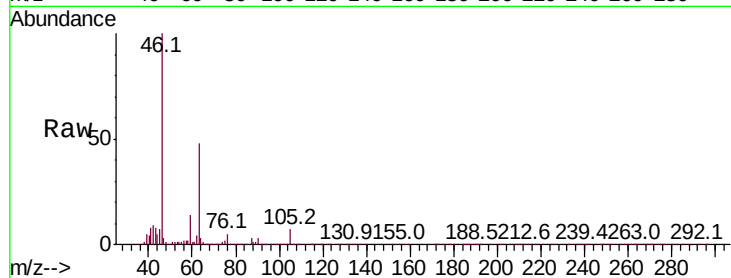




#48
2-Hexanone
Concen: 4.251 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 22217
Ion Ratio Lower Upper
43 100
58 24.6 39.5 59.3#
57 22.5 14.6 21.8#
100 1.6 6.7 10.1#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.256 ug/L
RT: 14.14 min Scan# 2049
Delta R.T. 0.00 min
Lab File: VR026007.D
Acq: 9 Oct 2018 4:47

Tgt Ion: 75 Resp: 263
Ion Ratio Lower Upper
75 100
155 24.6 37.8 56.6#
157 34.8 49.7 74.5#

