

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026044.D
 Acq On : 11 Oct 2018 14:43
 Operator : SY/MD
 Sample : J5315-11
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 12 08:09:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	441692	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	379675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	133174	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	136117	3.91	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	2.63	69	138449	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	3.63	63	251201	3.07	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	6.59	46	219899	56.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.26%
24) Chloroform-d	7.20	84	264242	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	7.90	65	126405	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	7.85	84	476053	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
36) 1,2-Dichloropropane-d6	8.90	67	146472	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.00%
41) Toluene-d8	9.97	98	424524	3.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.60%
43) trans-1,3-Dichloropropene-	10.24	79	34125	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	10.59	63	179302	60.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71182	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	100418	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

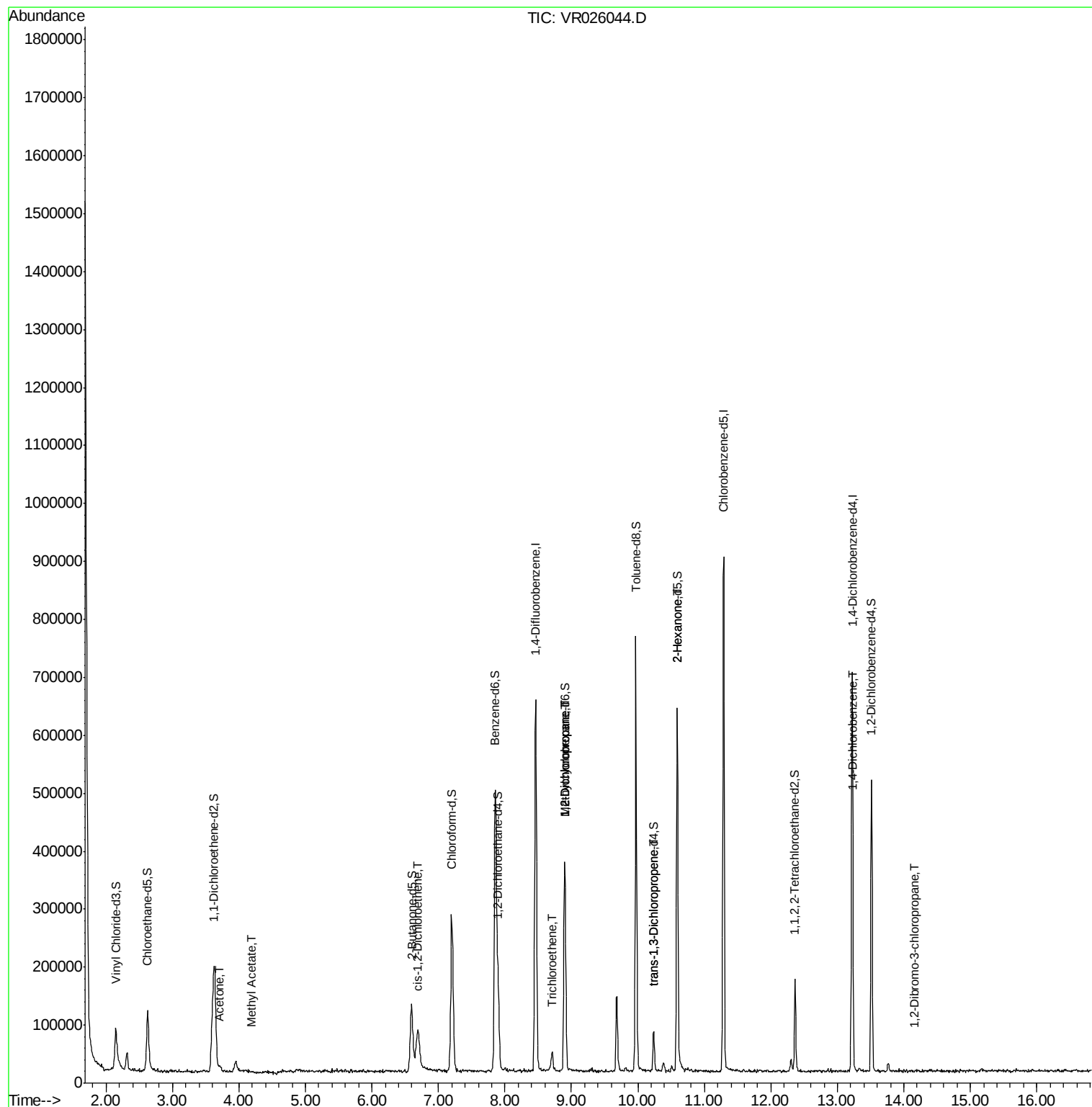
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	3.70	43	7085	2.517	ug/L	98
15) Methyl Acetate	4.19	43	794	0.102	ug/L #	79
22) cis-1,2-Dichloroethene	6.67	96	18630	0.671	ug/L #	96
34) Trichloroethene	8.72	95	10118	0.302	ug/L	87
35) Methylcyclohexane	8.90	83	35473	0.703	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	19753	0.723	ug/L #	97
44) trans-1,3-Dichloropropene	10.24	75	1834	0.092	ug/L	99
48) 2-Hexanone	10.59	43	29489	4.689	ug/L #	69
63) 1,4-Dichlorobenzene	13.24	146	3157	0.079	ug/L #	73
66) 1,2-Dibromo-3-chloropropan	14.15	75	198	0.151	ug/L #	87

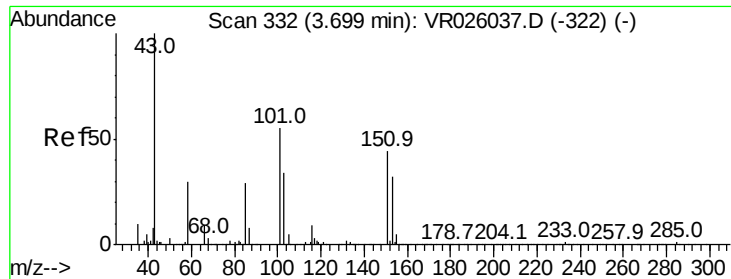
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR101118\
Data File : VR026044.D
Acq On : 11 Oct 2018 14:43
Operator : SY/MD
Sample : J5315-11
Misc : 25mL/MSVOA R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :

Quant Time: Oct 12 08:09:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration

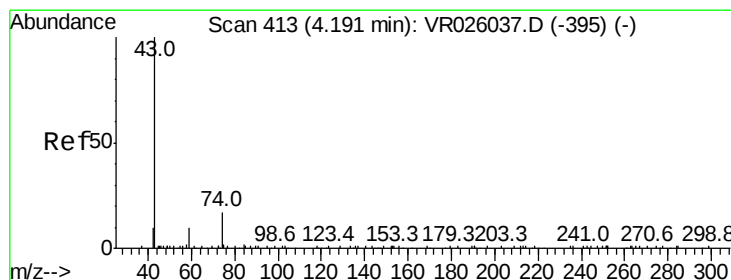
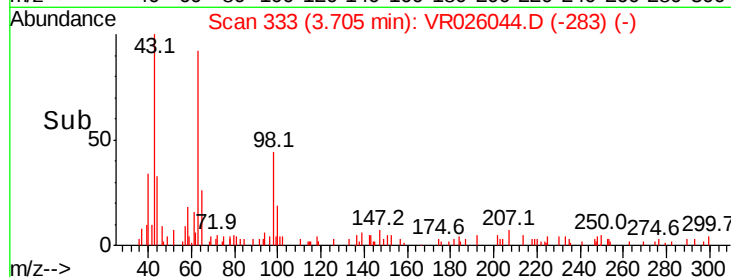
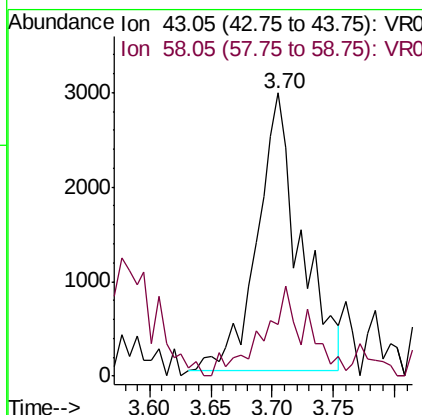
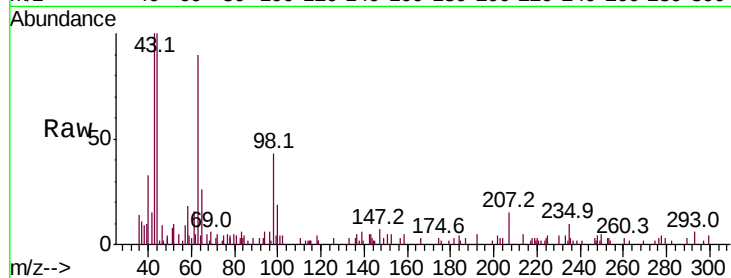




#13
Acetone
Concen: 2.517 ug/L
RT: 3.70 min Scan# 333
Delta R.T. 0.01 min
Lab File: VR026044.D
Acq: 11 Oct 2018 14:43

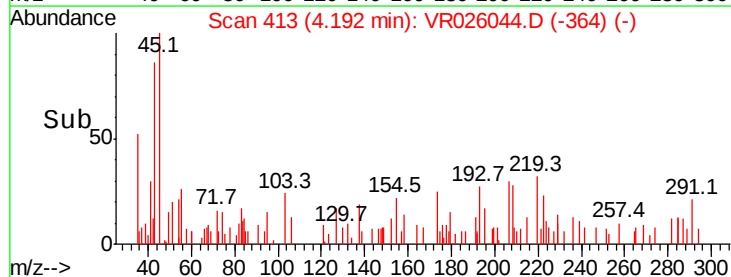
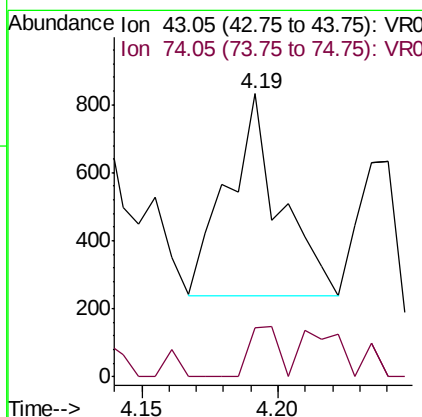
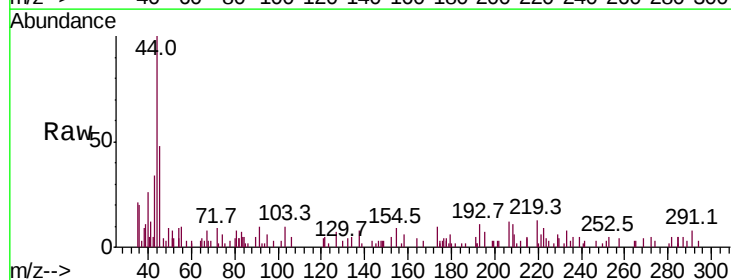
Instrument :
MSVOA_R
ClientSampleId :

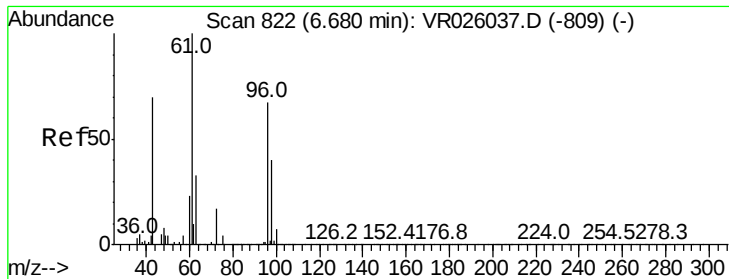
Tot Ion: 43 Resp: 7085
Ion Ratio Lower Upper
43 100
58 24.6 0.0 51.4



#15
Methyl Acetate
Concen: 0.102 ug/L
RT: 4.19 min Scan# 413
Delta R.T. 0.00 min
Lab File: VR026044.D
Acq: 11 Oct 2018 14:43

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
74 13.5 19.0 28.4#



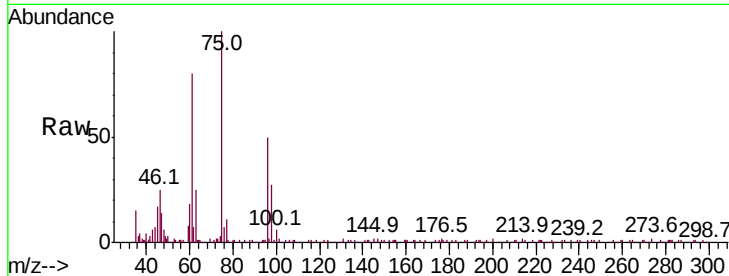


#22

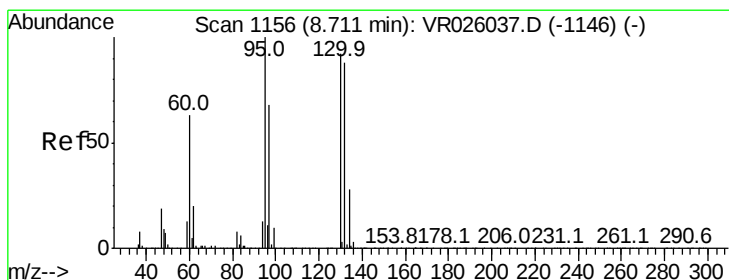
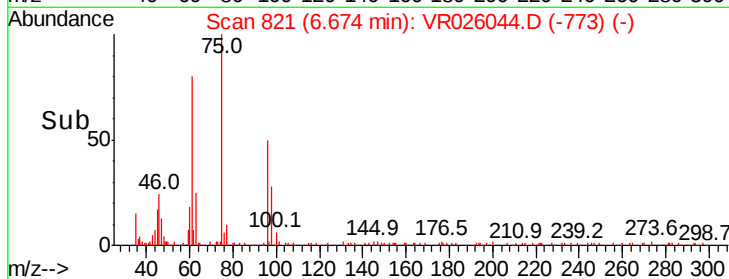
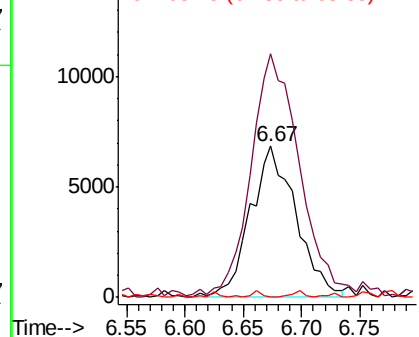
cis-1,2-Dichloroethene
Concen: 0.671 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026044.D
Acq: 11 Oct 2018 14:43

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 96 Resp: 18630
Ion Ratio Lower Upper
96 100
61 160.9 108.7 201.9
68 0.0 0.1 0.1#



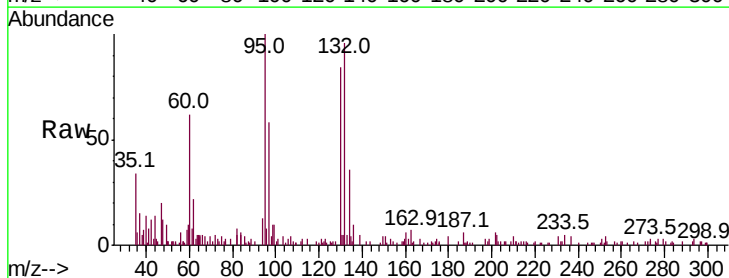
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



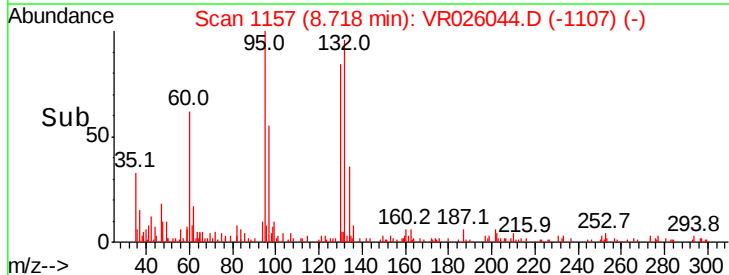
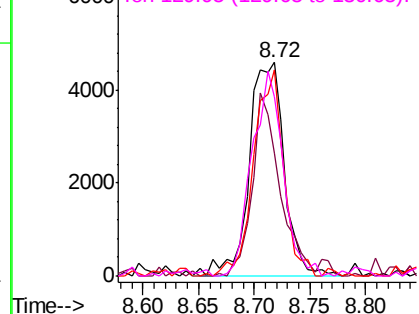
#34

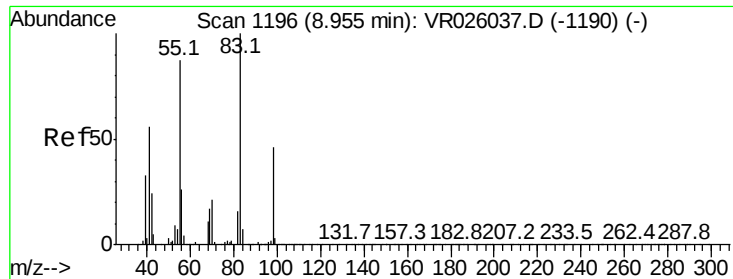
Trichloroethene
Concen: 0.302 ug/L
RT: 8.72 min Scan# 1157
Delta R.T. 0.01 min
Lab File: VR026044.D
Acq: 11 Oct 2018 14:43

Tgt Ion: 95 Resp: 10118
Ion Ratio Lower Upper
95 100
97 57.6 43.9 81.5
132 96.3 53.3 98.9
130 83.7 53.8 99.8



Abundance Ion 95.00 (94.70 to 95.70): VR0
Ion 96.95 (96.65 to 97.65): VR0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

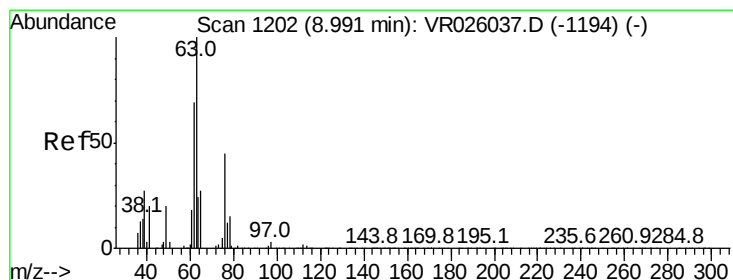
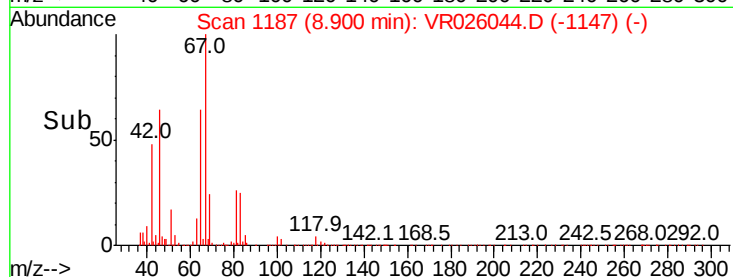
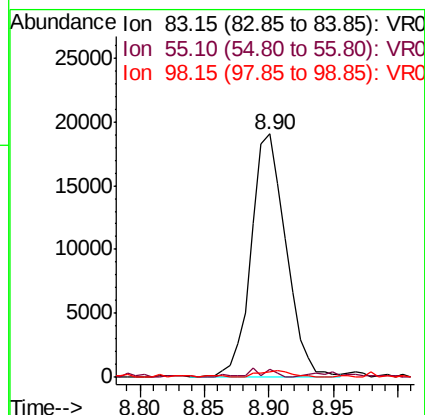
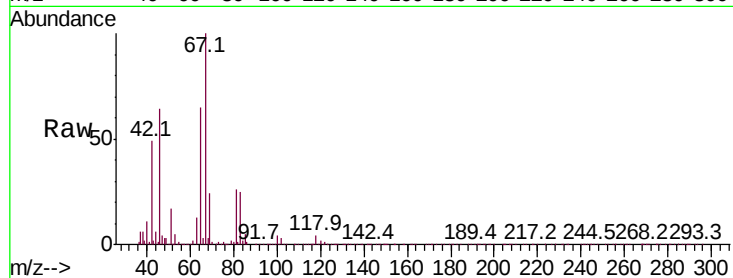




#35
Methvlcvclohexane
Concen: 0.703 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026044.D
Acq: 11 Oct 2018 14:43

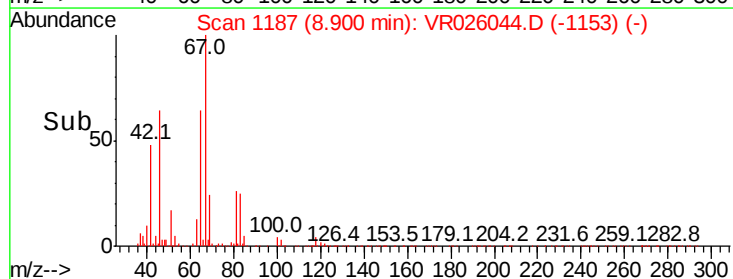
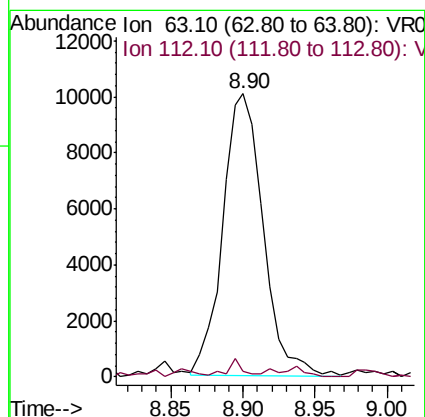
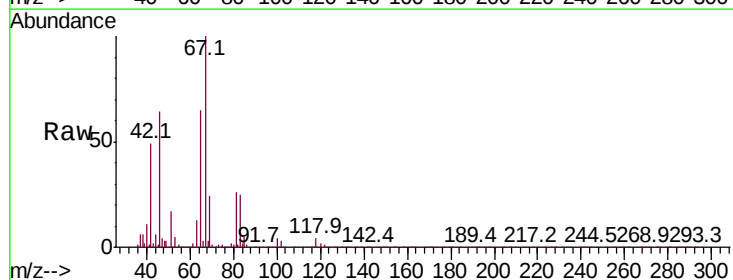
Instrument :
MSVOA_R
ClientSampleId :

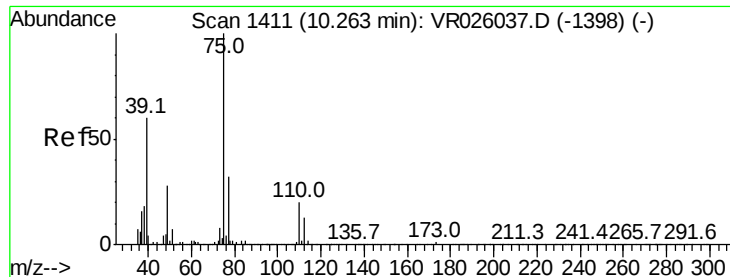
Tot Ion: 83 Resp: 35473
Ion Ratio Lower Upper
83 100
55 2.0 71.8 107.6#
98 2.8 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.723 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026044.D
Acq: 11 Oct 2018 14:43

Tgt Ion: 63 Resp: 19753
Ion Ratio Lower Upper
63 100
112 2.0 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026044.D

Acq: 11 Oct 2018 14:43

Instrument :

MSVOA_R

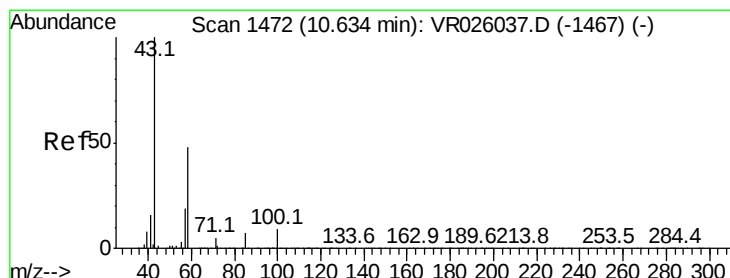
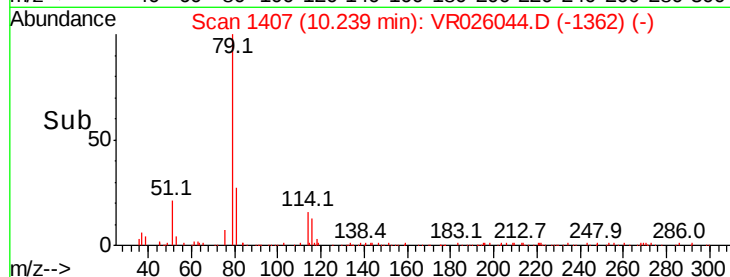
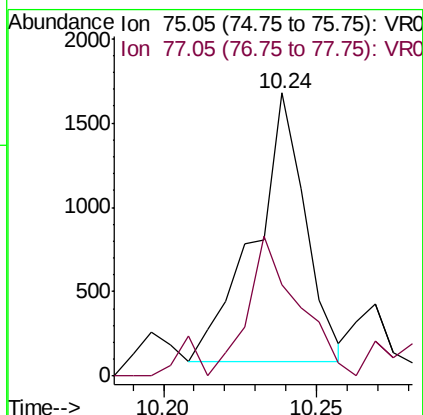
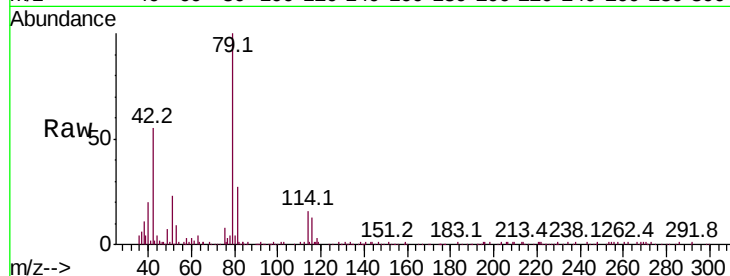
ClientSampleId :

Tot Ion: 75 Resp: 1834

Ion Ratio Lower Upper

75 100

77 32.5 23.0 42.8



#48

2-Hexanone

Concen: 4.689 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026044.D

Acq: 11 Oct 2018 14:43

Tgt Ion: 43 Resp: 29489

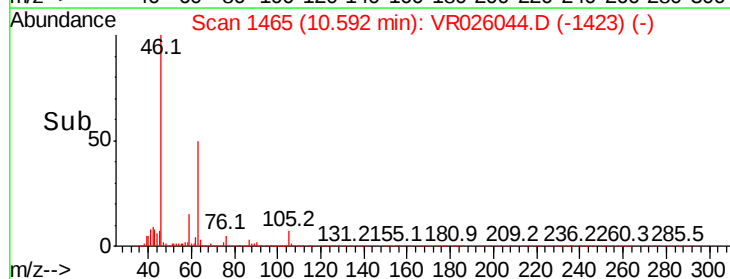
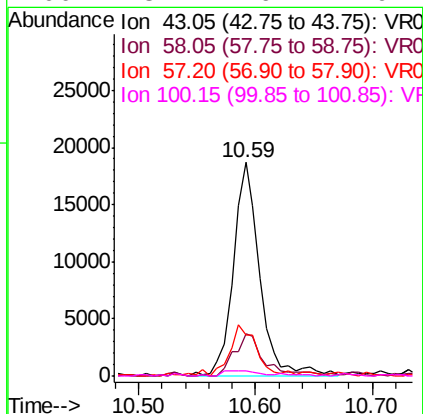
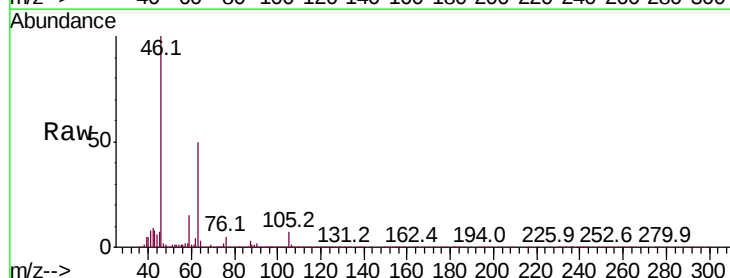
Ion Ratio Lower Upper

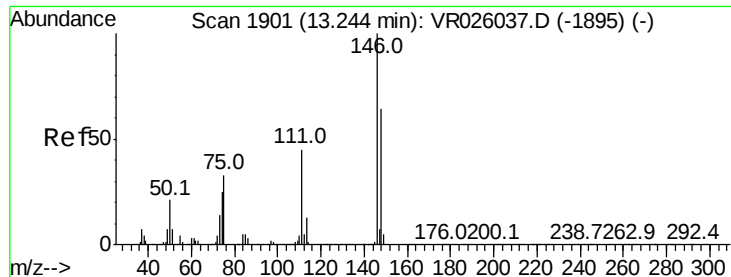
43 100

58 22.4 39.5 59.3#

57 24.7 14.6 21.8#

100 3.1 6.7 10.1#

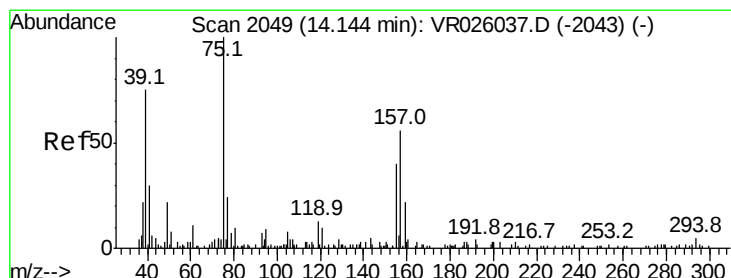
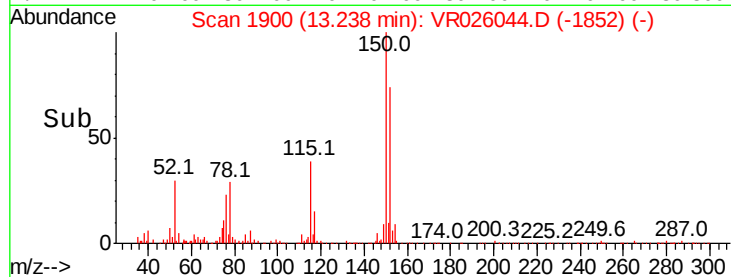
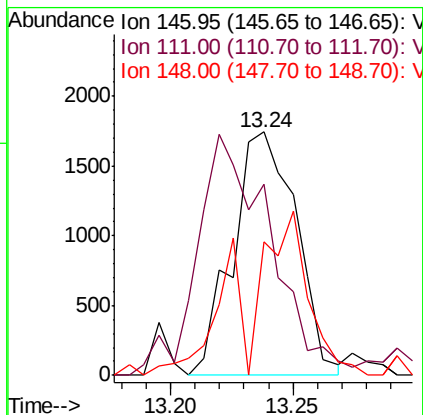
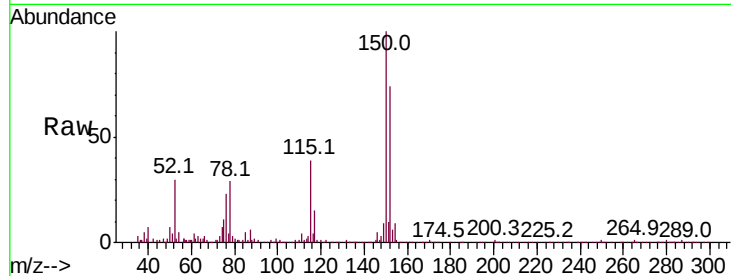




#63
 1,4-Dichlorobenzene
 Concen: 0.079 ug/L
 RT: 13.24 min Scan# 1900
 Delta R.T. -0.01 min
 Lab File: VR026044.D
 Acq: 11 Oct 2018 14:43

Instrument :
 MSVOA_R
 ClientSampled :

Tot Ion:146 Resp: 3157
 Ion Ratio Lower Upper
 146 100
 111 78.6 32.9 61.1#
 148 54.8 45.5 84.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.151 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VR026044.D
 Acq: 11 Oct 2018 14:43

Tgt Ion: 75 Resp: 198
 Ion Ratio Lower Upper
 75 100
 155 35.7 37.8 56.6#
 157 54.1 49.7 74.5

