

Data File : VR026277.D
Acq On : 17 Dec 2018 23:04
Operator : SY/MD
Sample : J6419-19
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BF038

Quant Time: Dec 18 00:34:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 18 00:30:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	513470	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	420794	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128366	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	180896	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	2.62	69	181892	5.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.20%
11) 1,1-Dichloroethene-d2	3.61	63	352491	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	6.59	46	144310	49.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	7.20	84	332329	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	7.90	65	126140	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	7.86	84	639513	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	8.90	67	170187	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	9.97	98	579772	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	10.24	79	37210	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	10.59	63	95181	50.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.18%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62044	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	113380	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

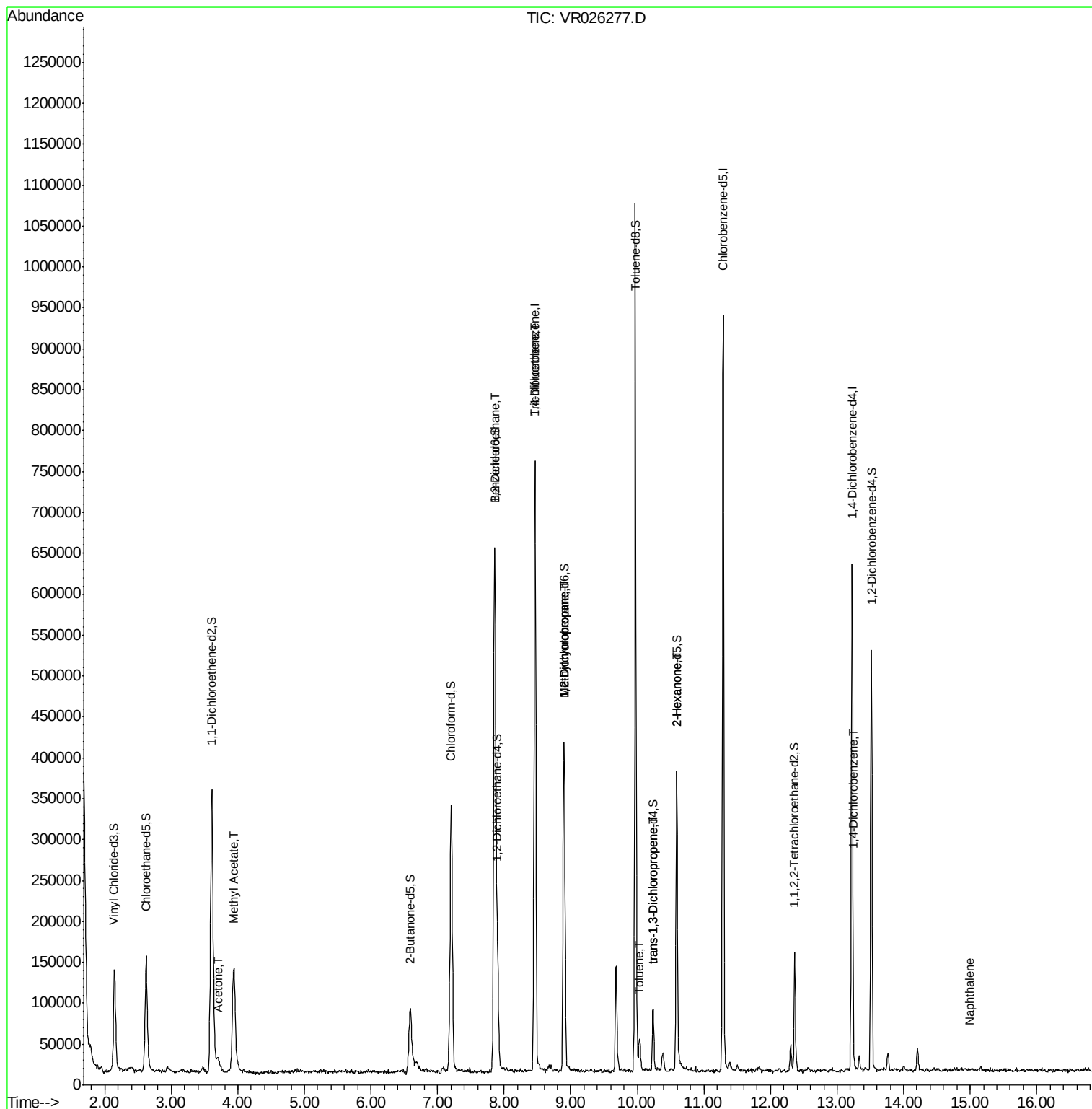
					Qvalue
13) Acetone	3.70	43	24277	8.213 ug/L	98
15) Methyl Acetate	3.94	43	60888	7.719 ug/L #	53
27) 1,2-Dichloroethane	7.86	62	4178	0.137 ug/L	98
34) Trichloroethene	8.46	95	17490	0.400 ug/L #	10
35) Methylcyclohexane	8.90	83	41388	0.654 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	21559	0.636 ug/L #	92
42) Toluene	10.04	91	21772	0.129 ug/L	92
44) trans-1,3-Dichloropropene	10.24	75	2834	0.107 ug/L	85
48) 2-Hexanone	10.59	43	16126	3.065 ug/L #	70
63) 1,4-Dichlorobenzene	13.24	146	2687	0.060 ug/L #	78
69) Naphthalene	15.00	128	1765	0.135 ug/L #	88

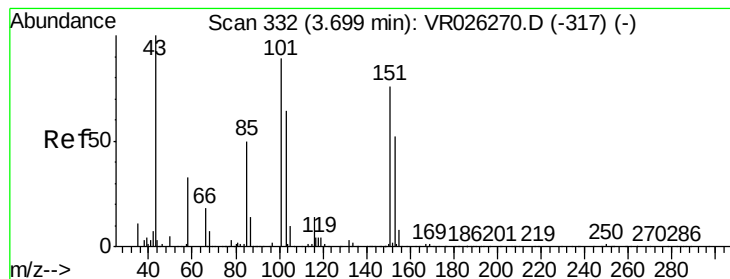
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026277.D
Acq On : 17 Dec 2018 23:04
Operator : SY/MD
Sample : J6419-19
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BF038

Quant Time: Dec 18 00:34:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 18 00:30:13 2018
Response via : Initial Calibration





#13

Acetone

Concen: 8.213 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR026277.D

Acq: 17 Dec 2018 23:04

Instrument :

MSVOA_R

ClientSampleId :

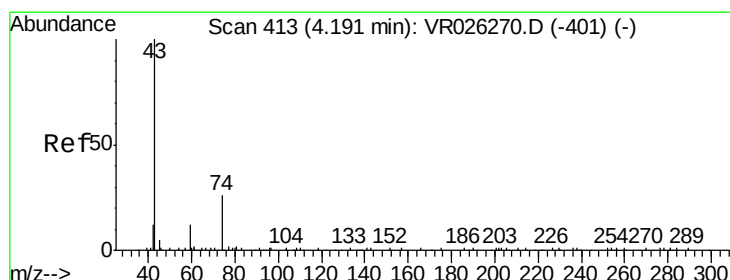
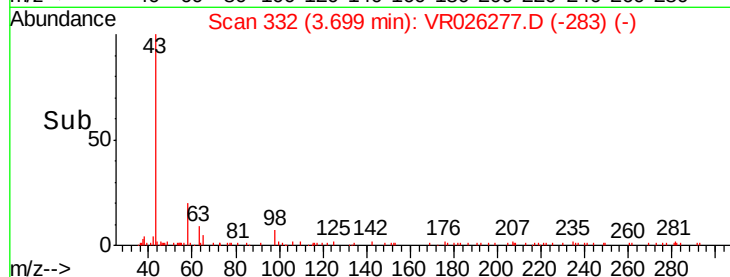
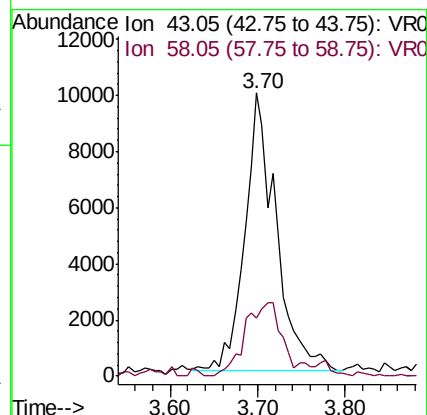
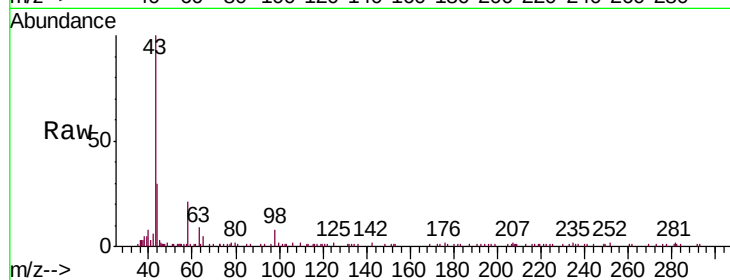
BF038

Tgt Ion: 43 Resp: 24277

Ion Ratio Lower Upper

43 100

58 31.6 0.0 60.8



#15

Methyl Acetate

Concen: 7.719 ug/L

RT: 3.94 min Scan# 372

Delta R.T. -0.25 min

Lab File: VR026277.D

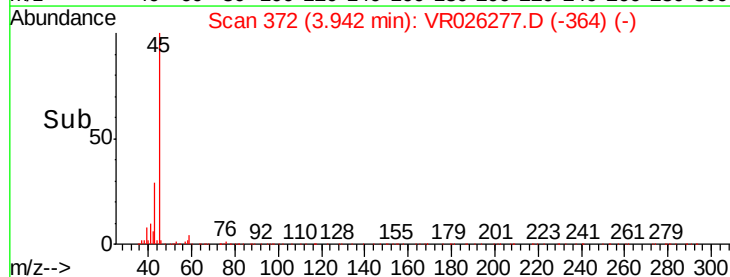
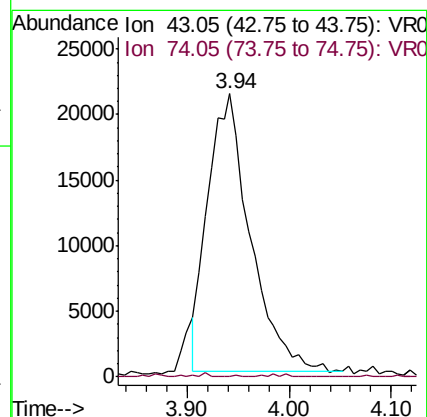
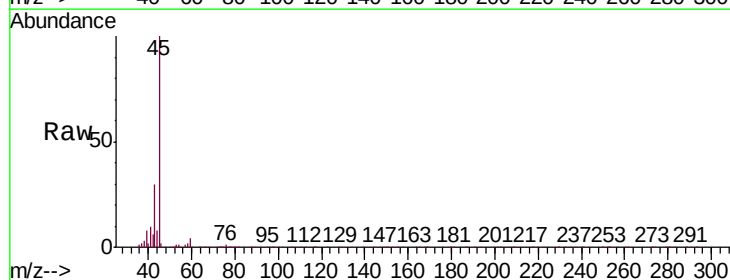
Acq: 17 Dec 2018 23:04

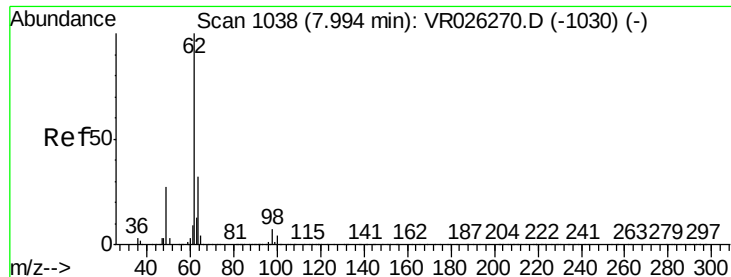
Tgt Ion: 43 Resp: 60888

Ion Ratio Lower Upper

43 100

74 0.1 18.4 27.6#

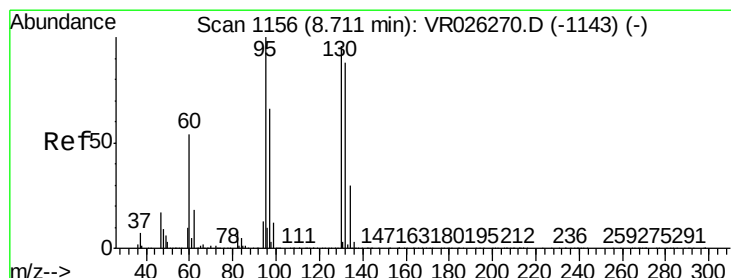
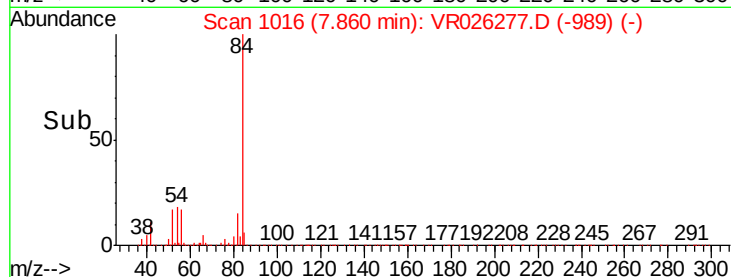
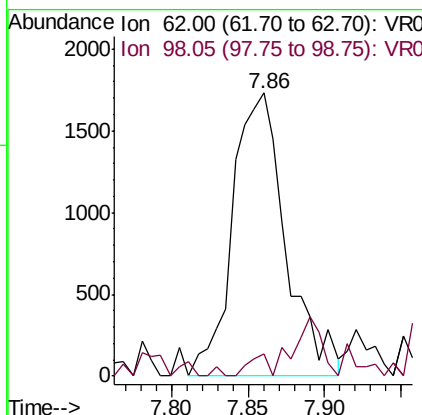
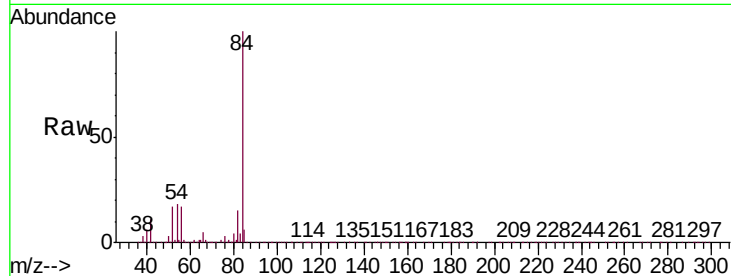




#27
 1,2-Dichloroethane
 Concen: 0.137 ug/L
 RT: 7.86 min Scan# 1016
 Delta R.T. -0.13 min
 Lab File: VR026277.D
 Acq: 17 Dec 2018 23:04

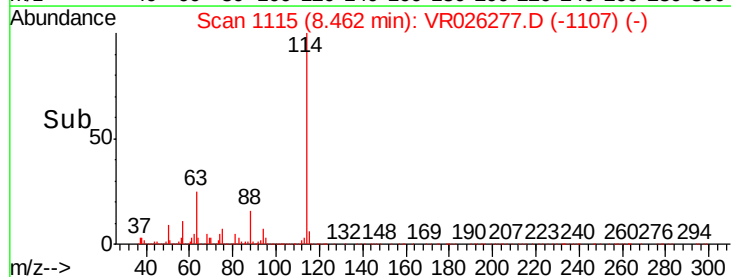
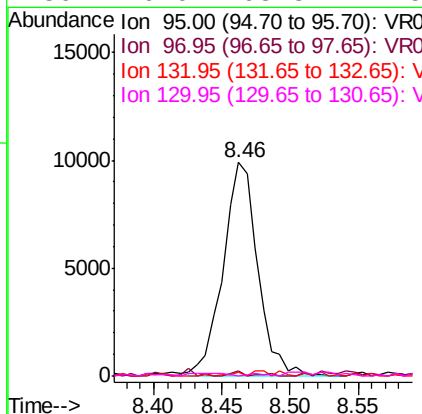
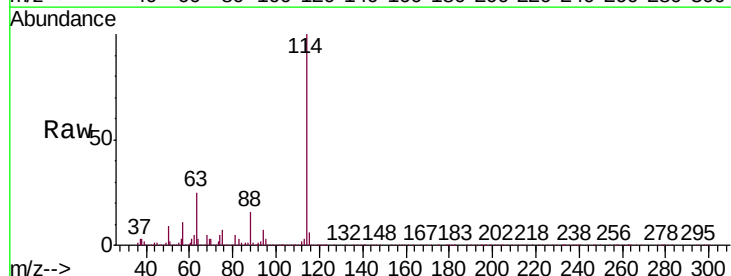
Instrument :
 MSVOA_R
 ClientSampleId :
 BF038

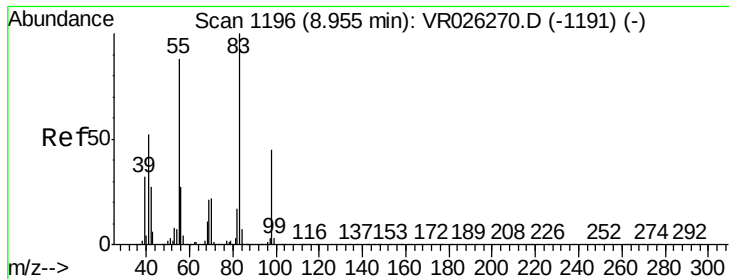
Tgt Ion: 62 Resp: 4178
 Ion Ratio Lower Upper
 62 100
 98 7.8 5.7 8.5



#34
 Trichloroethene
 Concen: 0.400 ug/L
 RT: 8.46 min Scan# 1115
 Delta R.T. -0.25 min
 Lab File: VR026277.D
 Acq: 17 Dec 2018 23:04

Tgt Ion: 95 Resp: 17490
 Ion Ratio Lower Upper
 95 100
 97 2.5 44.8 83.2#
 132 2.0 61.7 114.5#
 130 0.0 63.3 117.5#

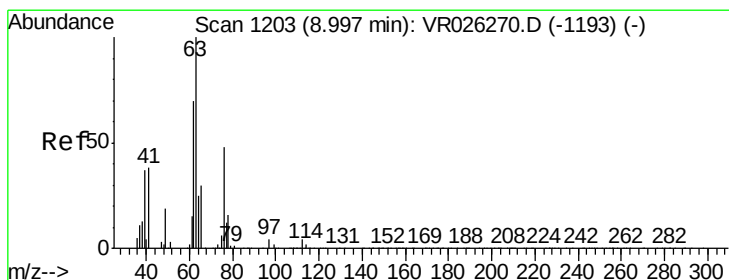
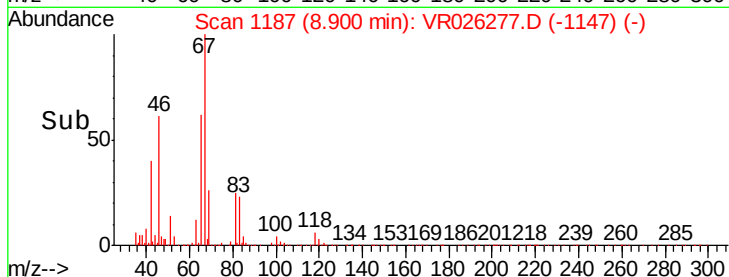
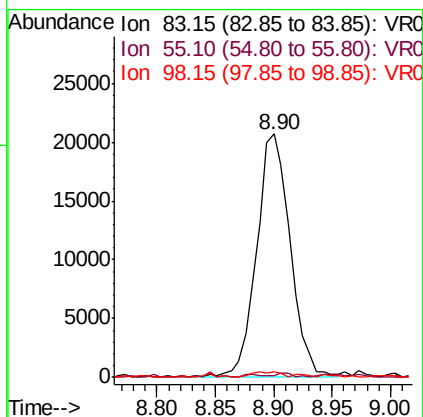
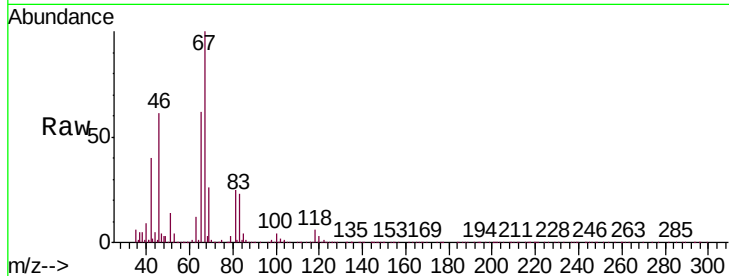




#35
Methylcyclohexane
Concen: 0.654 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026277.D
Acq: 17 Dec 2018 23:04

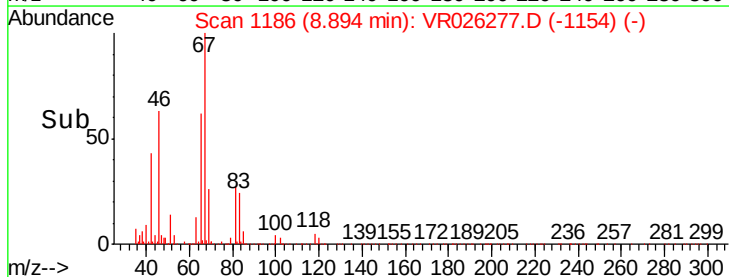
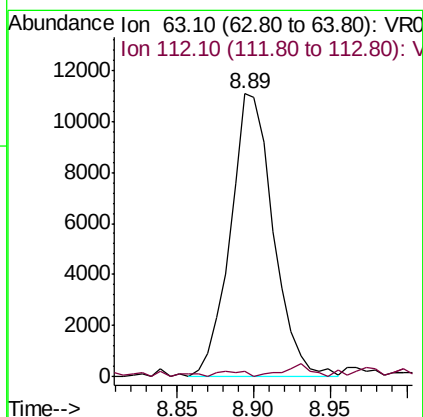
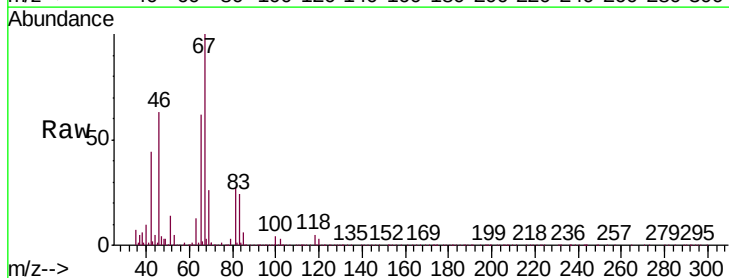
Instrument :
MSVOA_R
ClientSampleId :
BF038

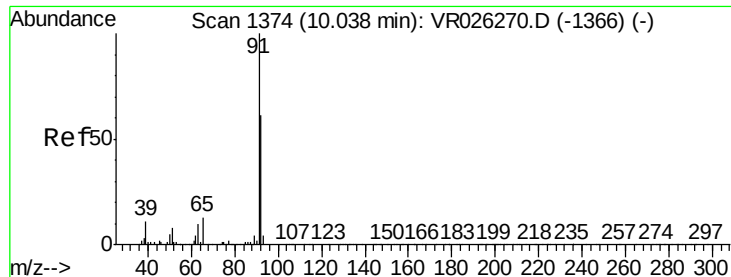
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.9	66.6	99.8#
98	2.0	35.5	53.3#



#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026277.D
Acq: 17 Dec 2018 23:04

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.3	3.0	4.6#





#42

Toluene

Concen: 0.129 ug/L

RT: 10.04 min Scan# 1374

Delta R.T. 0.00 min

Lab File: VR026277.D

Acq: 17 Dec 2018 23:04

Instrument :

MSVOA_R

ClientSampleId :

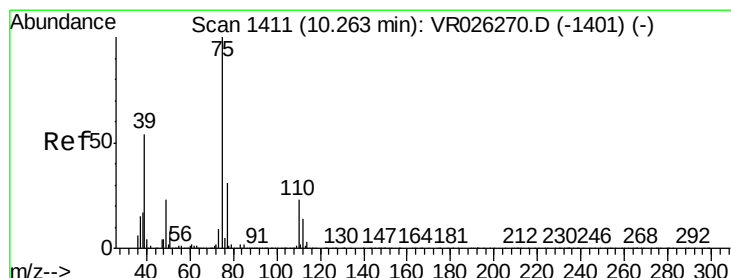
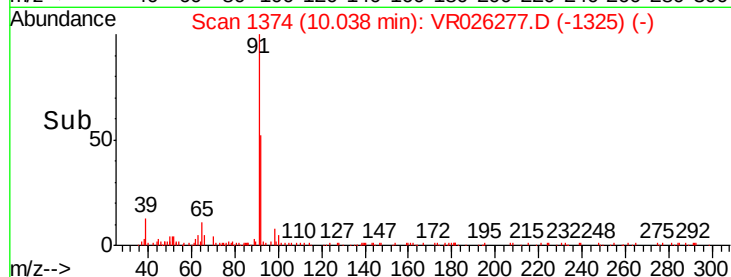
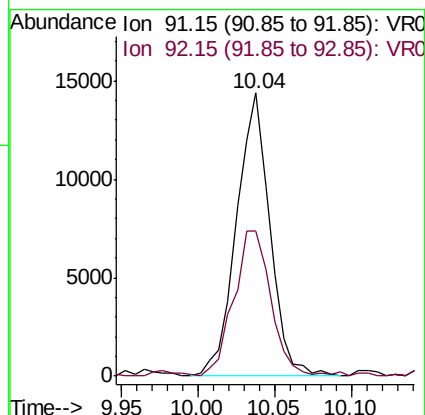
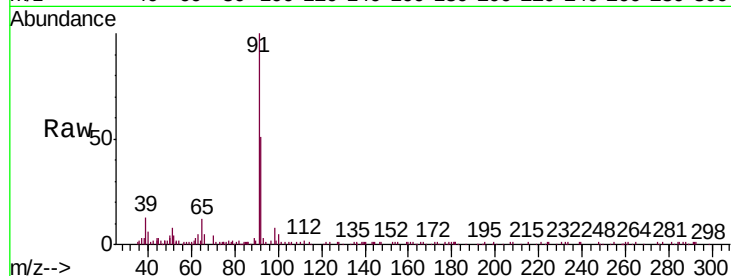
BF038

Tgt Ion: 91 Resp: 21772

Ion Ratio Lower Upper

91 100

92 51.2 40.0 74.4



#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026277.D

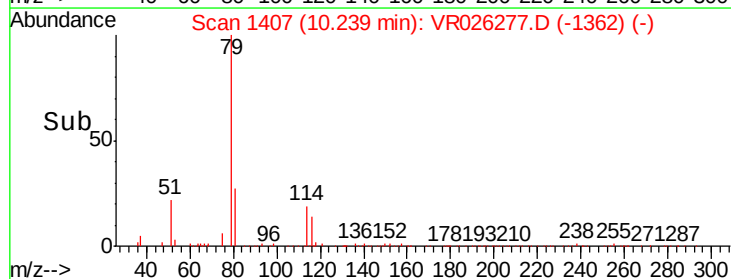
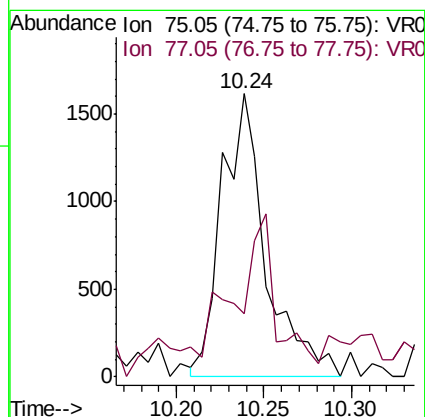
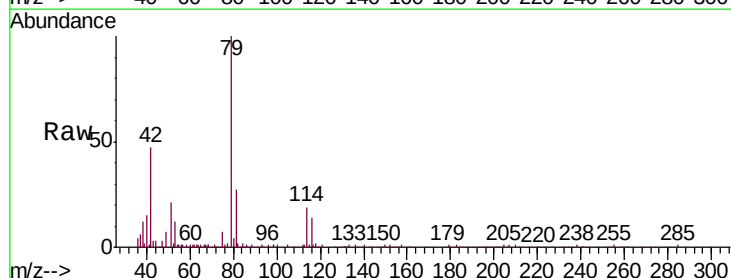
Acq: 17 Dec 2018 23:04

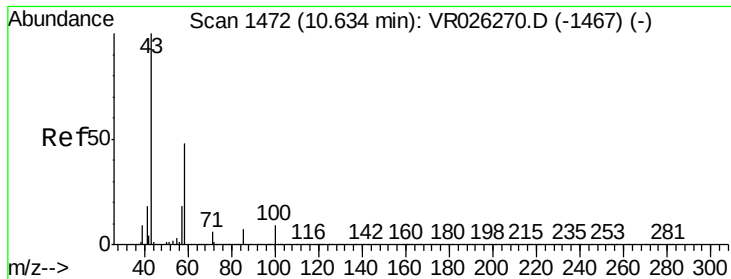
Tgt Ion: 75 Resp: 2834

Ion Ratio Lower Upper

75 100

77 22.3 21.2 39.4

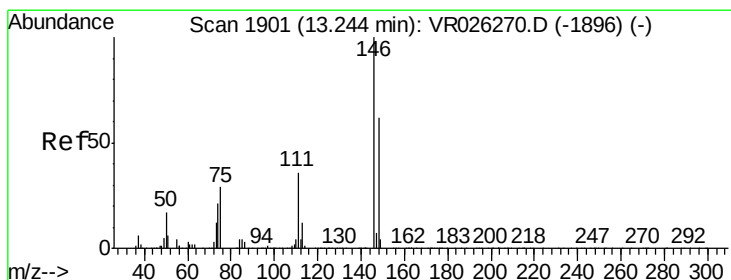
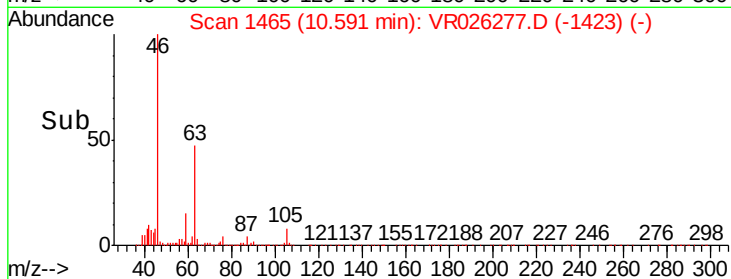
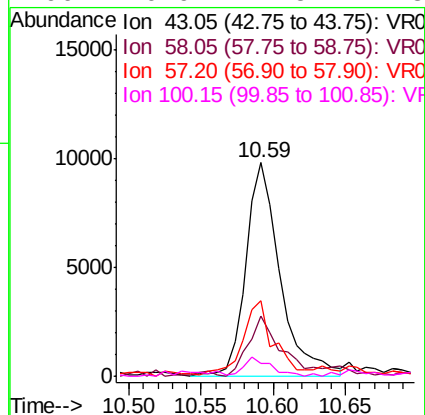
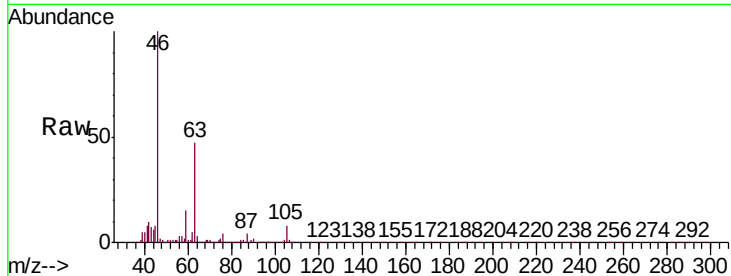




#48
2-Hexanone
Concen: 3.065 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026277.D
Acq: 17 Dec 2018 23:04

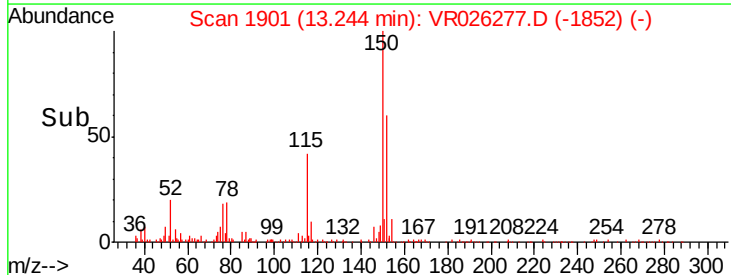
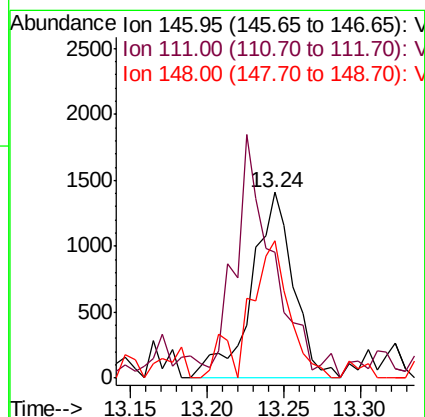
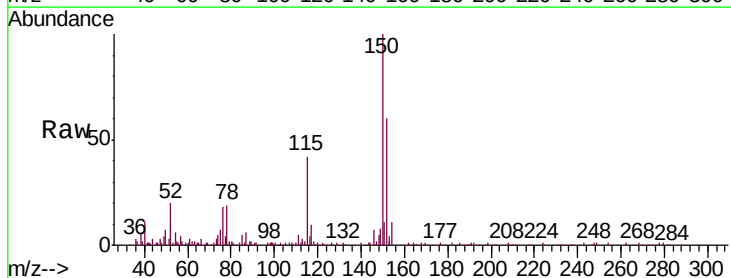
Instrument :
MSVOA_R
ClientSampleId :
BF038

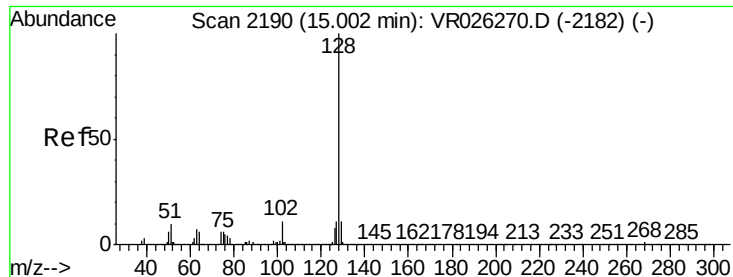
Tgt Ion:	43	Resp:	16126
Ion	Ratio	Lower	Upper
43	100		
58	27.5	40.5	60.7#
57	32.0	14.2	21.4#
100	6.9	7.5	11.3#



#63
1,4-Dichlorobenzene
Concen: 0.060 ug/L
RT: 13.24 min Scan# 1901
Delta R.T. 0.00 min
Lab File: VR026277.D
Acq: 17 Dec 2018 23:04

Tgt Ion:	146	Resp:	2687
Ion	Ratio	Lower	Upper
146	100		
111	68.1	29.0	53.9#
148	73.8	46.7	86.7





#69

Naphthalene

Concen: 0.135 ug/L

RT: 15.00 min Scan# 2189

Delta R.T. -0.01 min

Lab File: VR026277.D

Acq: 17 Dec 2018 23:04

Instrument :

MSVOA_R

ClientSampleId :

BF038

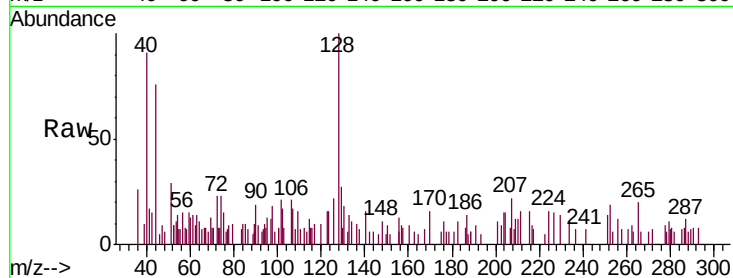
Tgt Ion:128 Resp: 1765

Ion Ratio Lower Upper

128 100

127 8.4 11.1 16.7#

129 14.9 8.7 13.1#



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

