

Data File : VR026167.D
Acq On : 2 Nov 2018 19:02
Operator : SY/MD
Sample : J5802-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE5

Quant Time: Nov 03 06:50:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	514383	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	446737	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	149944	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	170478	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	2.63	69	173195	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	3.64	63	475052	4.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.00%
20) 2-Butanone-d5	6.60	46	244350	66.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	132.22%#
24) Chloroform-d	7.20	84	349153	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.90	65	157994	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.86	84	654228	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	193601	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	9.97	98	584777	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	10.24	79	49121	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	10.59	63	208482	74.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.54%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	84088	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	129634	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

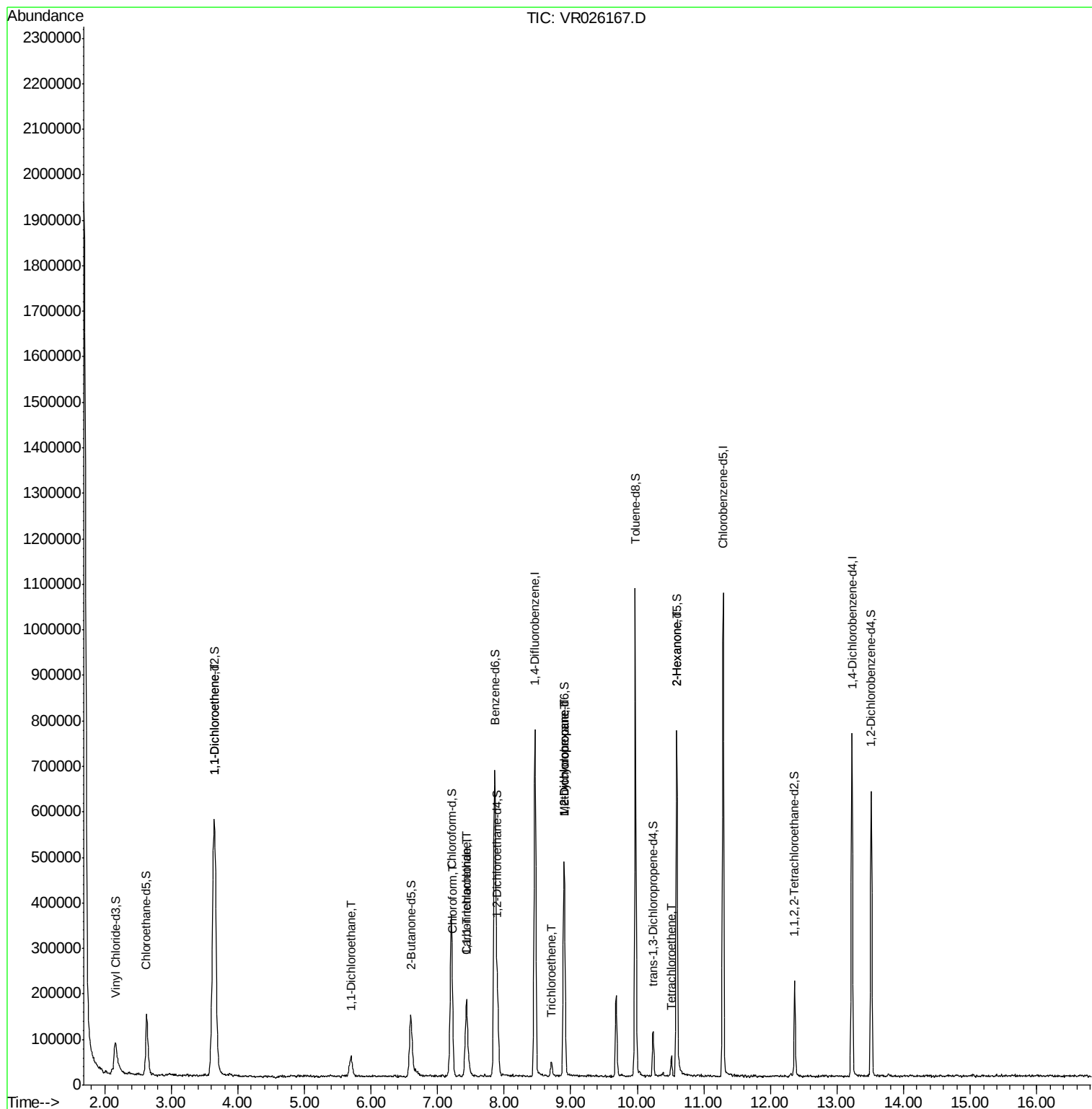
						Qvalue
12) 1,1-Dichloroethene	3.65	96	256300	5.124	ug/L	88
19) 1,1-Dichloroethane	5.70	63	63369	0.892	ug/L	91
25) Chloroform	7.23	83	5262	0.076	ug/L	86
29) 1,1,1-Trichloroethane	7.43	97	142397	2.333	ug/L	100
31) Carbon tetrachloride	7.44	117	18092	0.326	ug/L	96
34) Trichloroethene	8.71	95	10299	0.240	ug/L	88
35) Methylcyclohexane	8.90	83	45447	0.711	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24824	0.702	ug/L #	95
47) Tetrachloroethene	10.51	164	8456	0.276	ug/L	90
48) 2-Hexanone	10.59	43	30145	4.273	ug/L #	71

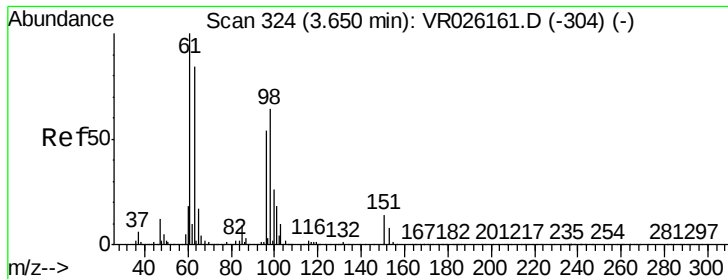
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026167.D
Acq On : 2 Nov 2018 19:02
Operator : SY/MD
Sample : J5802-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE5

Quant Time: Nov 03 06:50:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.124 ug/L

RT: 3.65 min Scan# 324

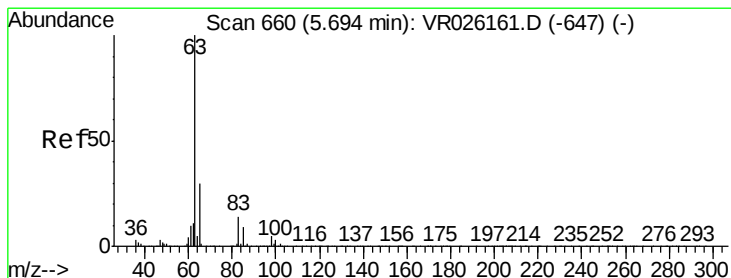
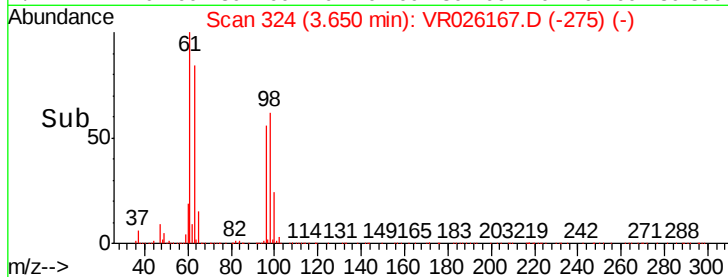
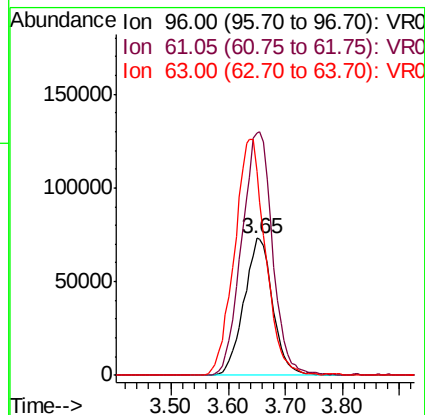
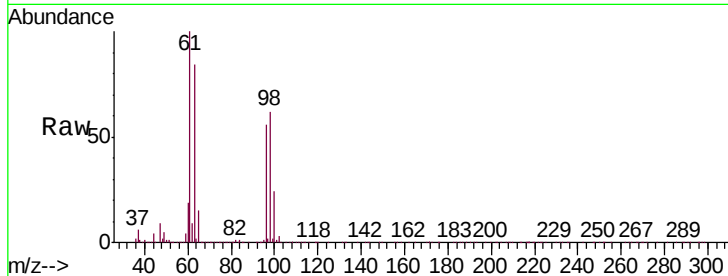
Delta R.T. -0.00 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Instrument :
MSVOA_R
ClientSampleId :
C0BE5

Tgt Ion:	96	Resp:	256300
Ion	Ratio	Lower	Upper
96	100		
61	177.3	126.7	235.3
63	148.7	125.0	232.2



#19

1,1-Dichloroethane

Concen: 0.892 ug/L

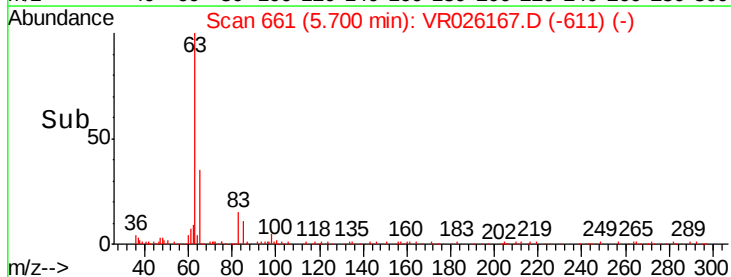
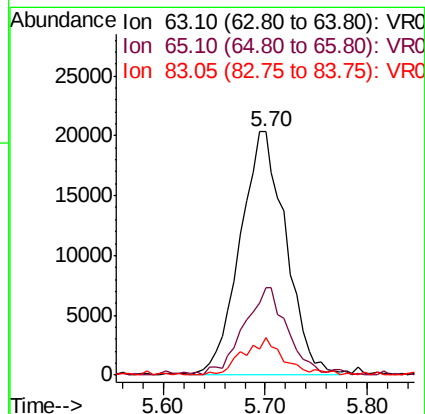
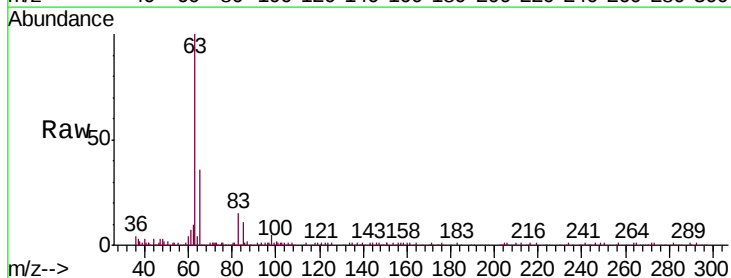
RT: 5.70 min Scan# 661

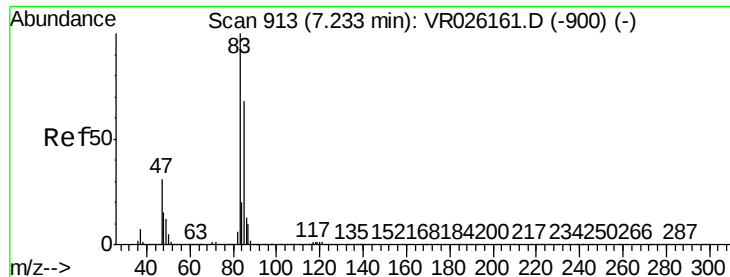
Delta R.T. 0.01 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Tgt Ion:	63	Resp:	63369
Ion	Ratio	Lower	Upper
63	100		
65	36.2	21.2	39.4
83	15.4	9.2	17.2





#25

Chloroform

Concen: 0.076 ug/L

RT: 7.23 min Scan# 912

Delta R.T. -0.01 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Instrument :

MSVOA_R

ClientSampleId :

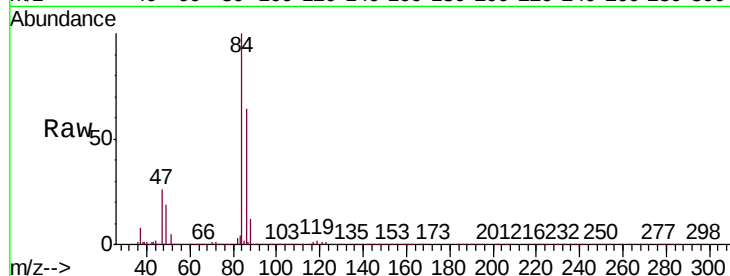
C0BE5

Tgt Ion: 83 Resp: 5262

Ion Ratio Lower Upper

83 100

85 51.2 43.5 80.7



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

7.23

3000

2500

2000

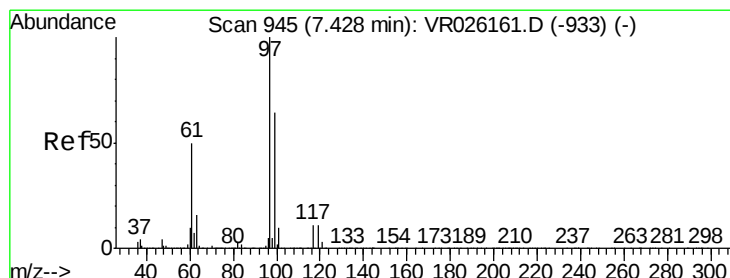
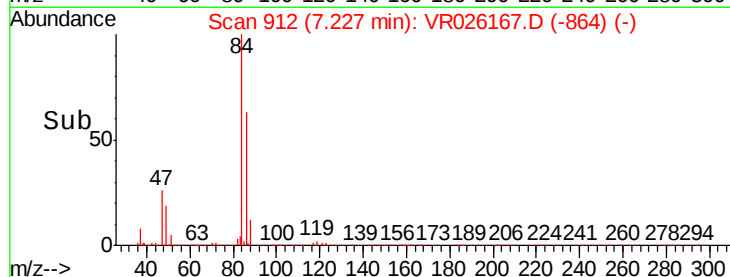
1500

1000

500

0

Time-->



#29

1,1,1-Trichloroethane

Concen: 2.333 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.01 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

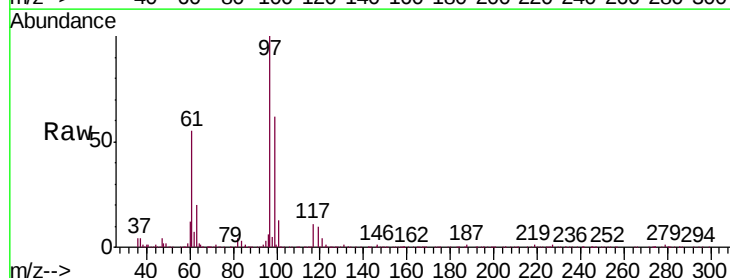
Tgt Ion: 97 Resp: 142397

Ion Ratio Lower Upper

97 100

99 64.2 51.1 76.7

61 52.8 42.1 63.1



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0

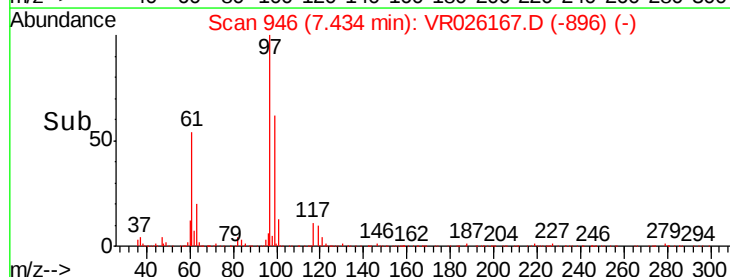
60000

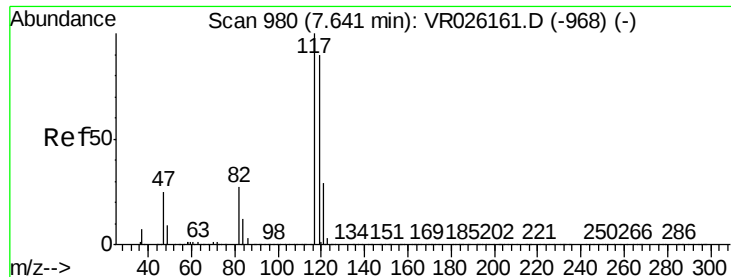
40000

20000

0

Time-->





#31

Carbon tetrachloride

Concen: 0.326 ug/L

RT: 7.44 min Scan# 947

Delta R.T. -0.20 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Instrument :

MSVOA_R

ClientSampleId :

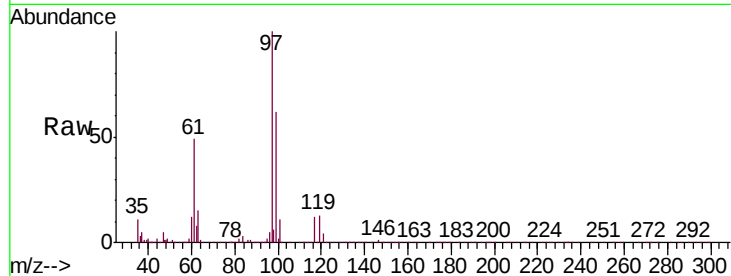
C0BE5

Tgt Ion:117 Resp: 18092

Ion Ratio Lower Upper

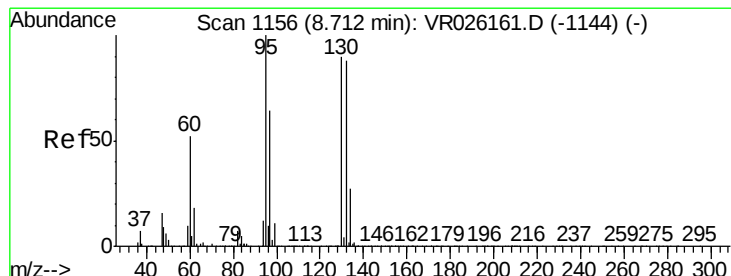
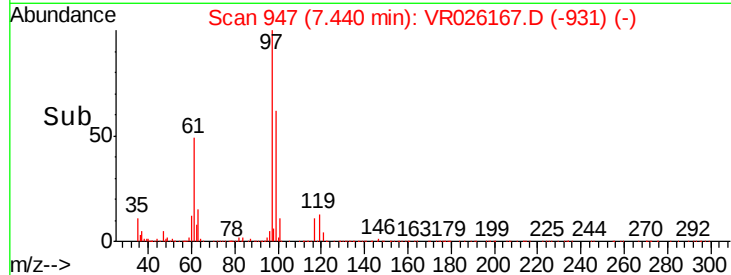
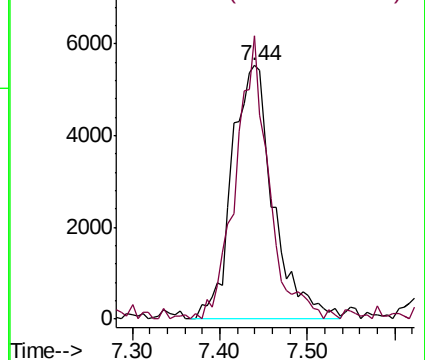
117 100

119 88.8 74.2 111.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 0.240 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Tgt Ion: 95 Resp: 10299

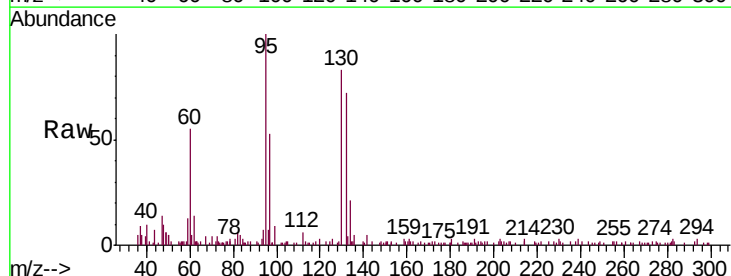
Ion Ratio Lower Upper

95 100

97 52.6 45.7 84.9

132 72.3 58.3 108.3

130 83.0 64.0 119.0

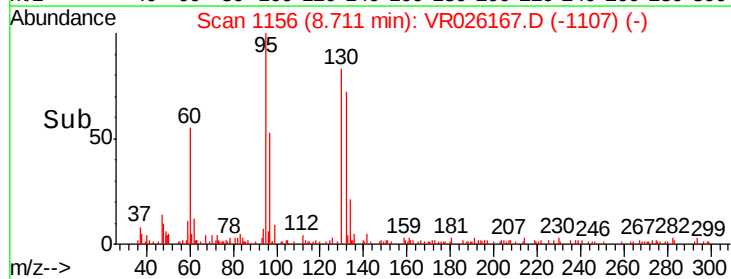
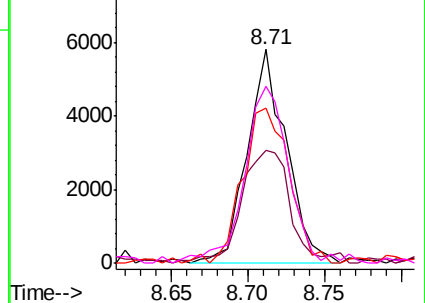


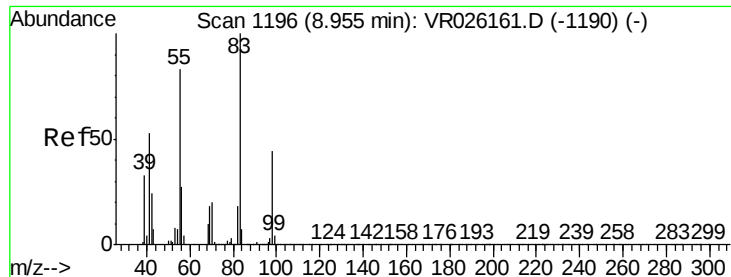
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

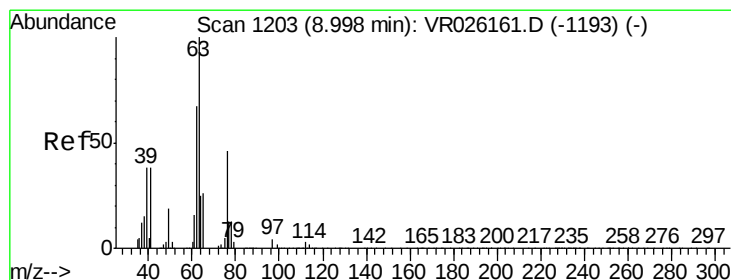
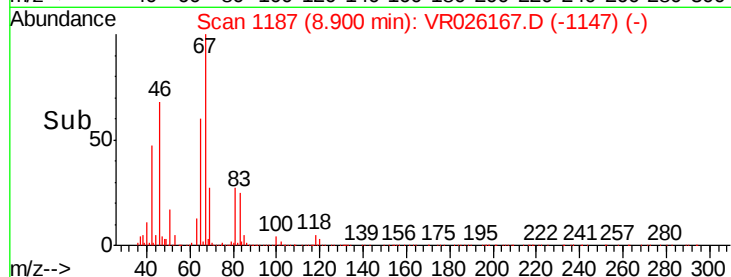
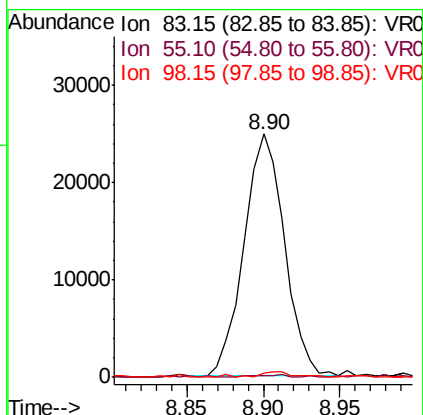
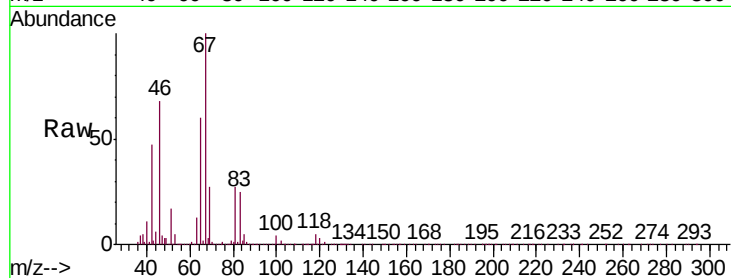




#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026167.D
Acq: 2 Nov 2018 19:02

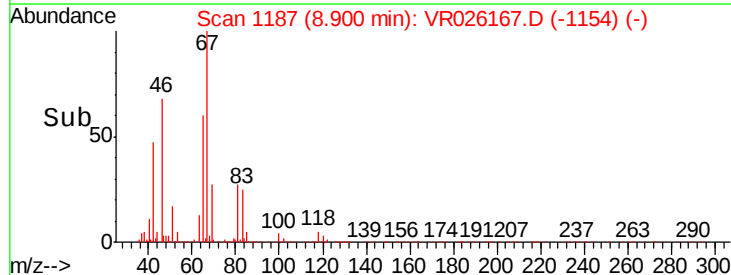
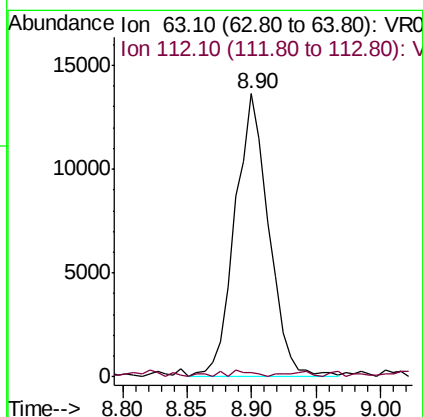
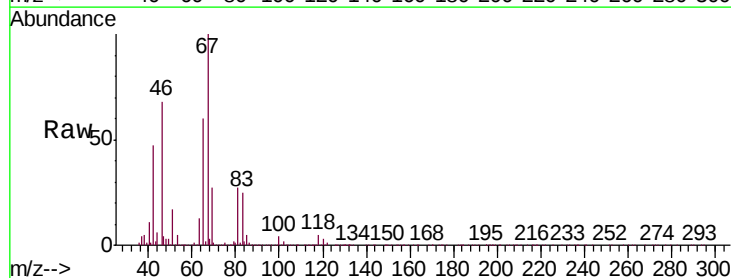
Instrument :
MSVOA_R
ClientSampleId :
C0BE5

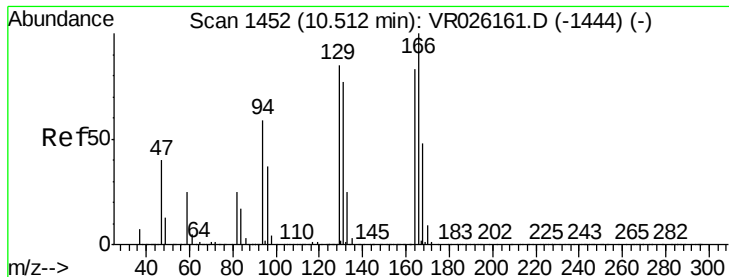
Tgt Ion: 83 Resp: 45447
Ion Ratio Lower Upper
83 100
55 1.2 66.8 100.2#
98 1.9 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.702 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026167.D
Acq: 2 Nov 2018 19:02

Tgt Ion: 63 Resp: 24824
Ion Ratio Lower Upper
63 100
112 1.8 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.276 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Instrument :

MSVOA_R

ClientSampleId :

C0BE5

Tgt Ion:164 Resp: 8456

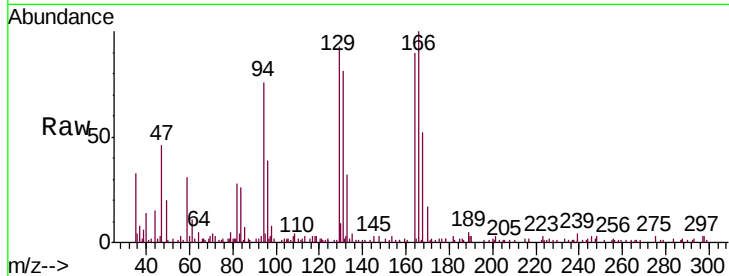
Ion Ratio Lower Upper

164 100

129 114.6 70.3 130.5

131 89.9 67.3 125.1

166 111.5 86.1 159.9

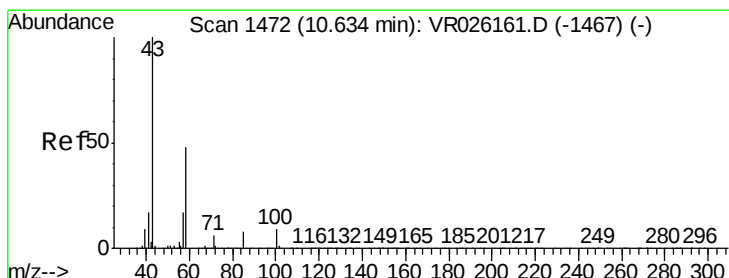
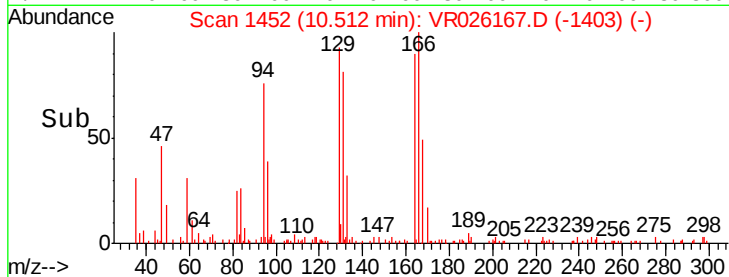
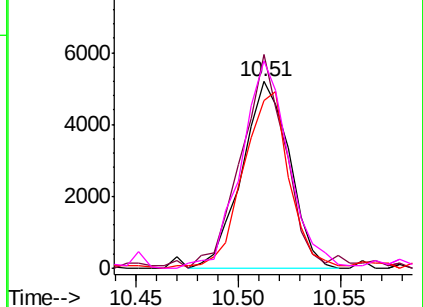


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#48

2-Hexanone

Concen: 4.273 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026167.D

Acq: 2 Nov 2018 19:02

Tgt Ion: 43 Resp: 30145

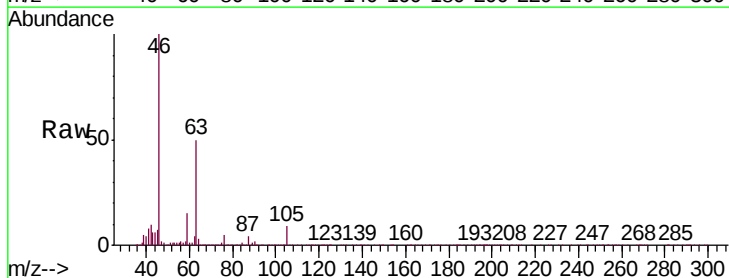
Ion Ratio Lower Upper

43 100

58 26.7 39.6 59.4#

57 27.2 14.0 21.0#

100 3.4 7.0 10.6#



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

