

Data File : VR026168.D
Acq On : 2 Nov 2018 19:35
Operator : SY/MD
Sample : J5802-05
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BE6

Quant Time: Nov 03 06:50:20 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	525024	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	452291	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147113	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	178012	3.87	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	2.63	69	176250	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	3.63	63	332143	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	6.59	46	275231	72.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.92%#
24) Chloroform-d	7.20	84	360213	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	7.90	65	164732	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	7.85	84	692158	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	8.89	67	204031	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	9.97	98	617518	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	10.24	79	49305	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	10.59	63	216183	76.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	152.14%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86521	5.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	133810	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

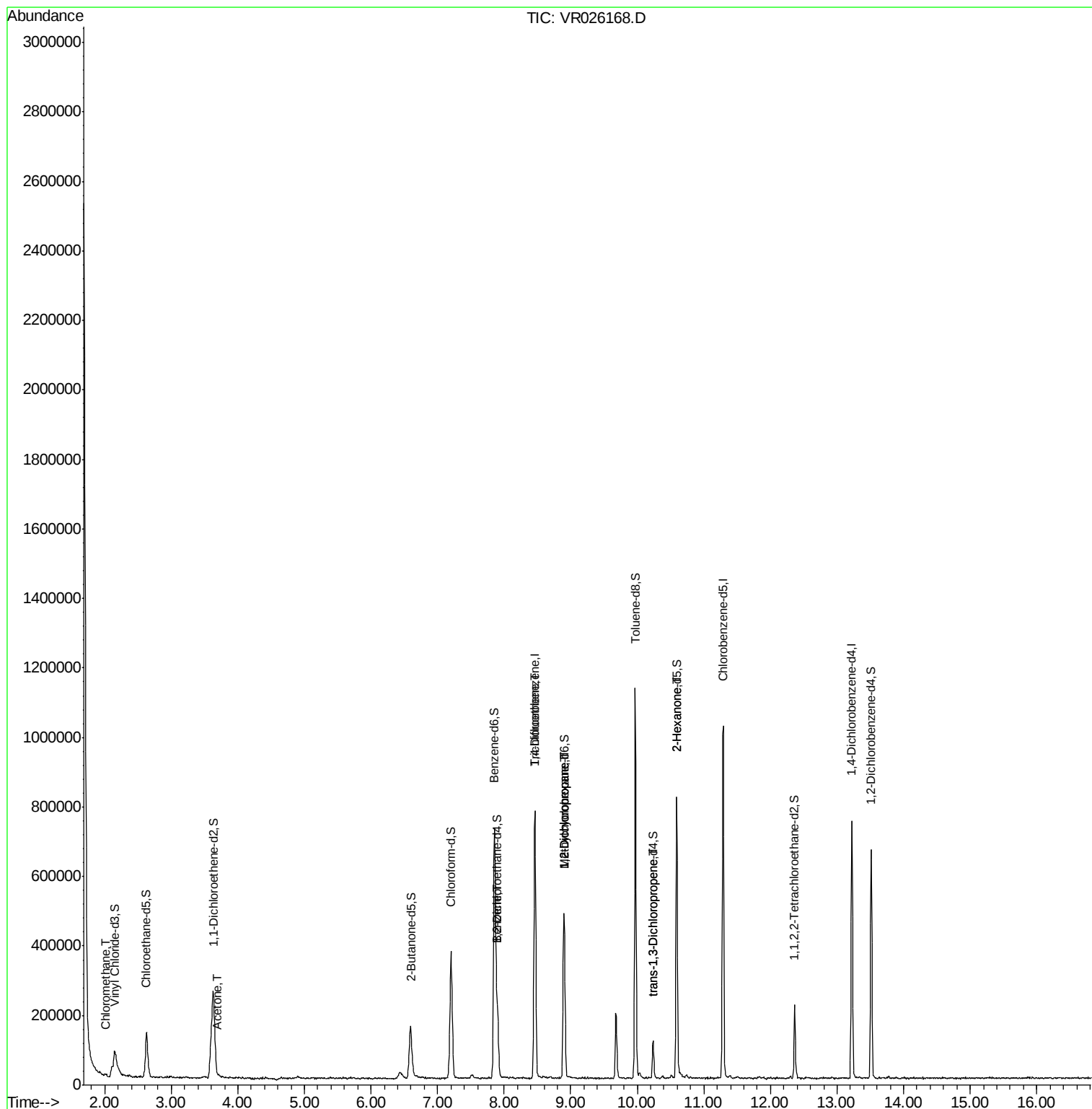
					Qvalue
3) Chloromethane	2.01	50	8008	0.143 ug/L #	67
13) Acetone	3.70	43	6830	1.751 ug/L	92
33) Benzene	7.90	78	26245	0.155 ug/L	100
34) Trichloroethene	8.46	95	18802	0.433 ug/L #	10
35) Methylcyclohexane	8.90	83	47801	0.739 ug/L #	17
37) 1,2-Dichloropropane	8.89	63	24917	0.696 ug/L #	92
44) trans-1,3-Dichloropropene	10.24	75	3080	0.108 ug/L	97
48) 2-Hexanone	10.59	43	32993	4.620 ug/L #	74

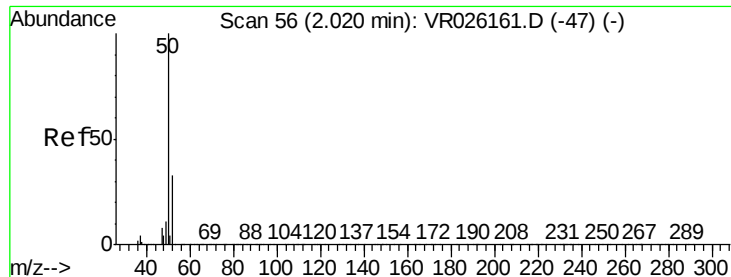
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 03 06:46:43 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.143 ug/L

RT: 2.01 min Scan# 54

Delta R.T. -0.01 min

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Acq: 2 Nov 2018 19:35

Instrument :

MSVOA_R

ClientSampleId :

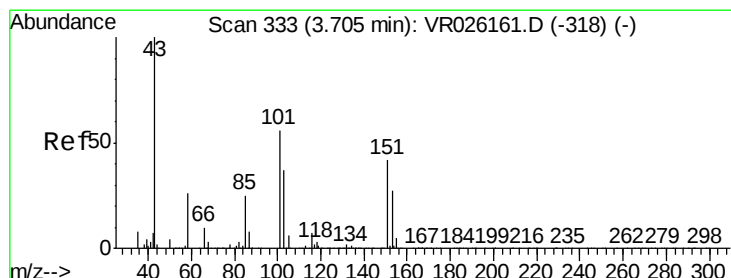
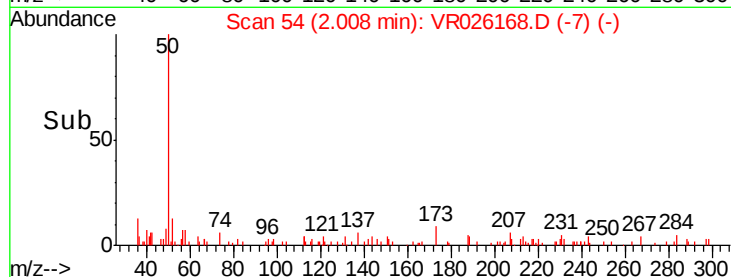
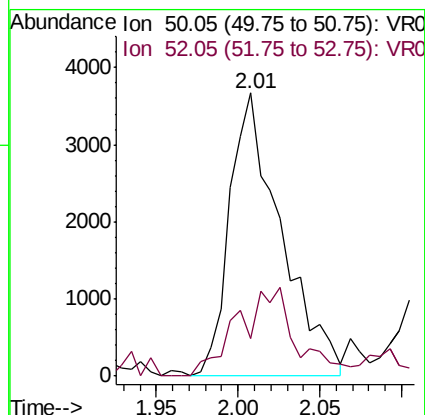
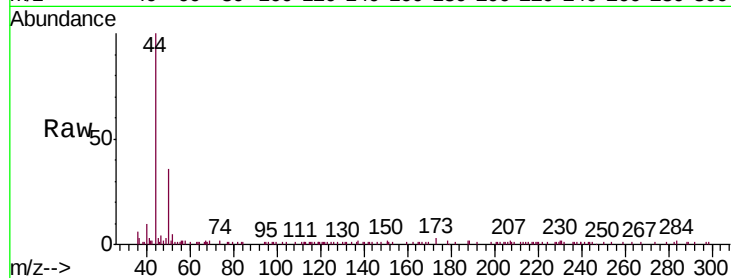
C0BE6

Tgt Ion: 50 Resp: 8008

Ion Ratio Lower Upper

50 100

52 13.2 22.0 40.8#



#13

Acetone

Concen: 1.751 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.01 min

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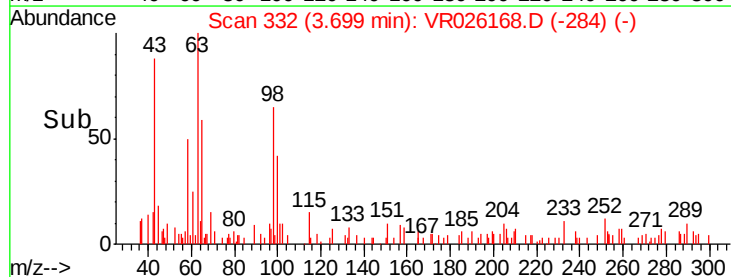
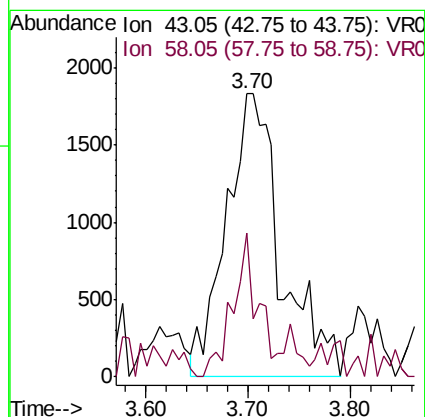
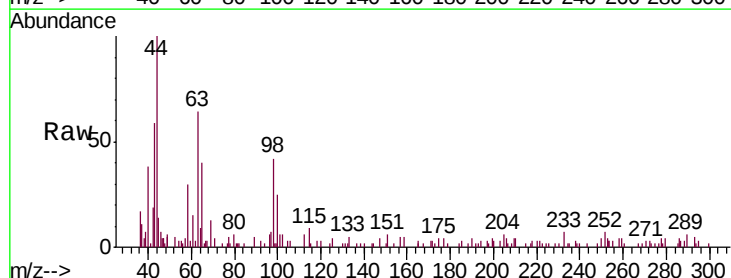
Acq: 2 Nov 2018 19:35

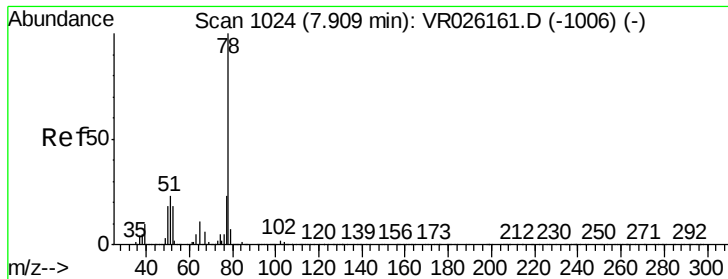
Tgt Ion: 43 Resp: 6830

Ion Ratio Lower Upper

43 100

58 23.6 0.0 55.4





#33

Benzene

Concen: 0.155 ug/L

RT: 7.90 min Scan# 1023

Delta R.T. -0.01 min

Lab File: VR026168.D

Acq: 2 Nov 2018 19:35

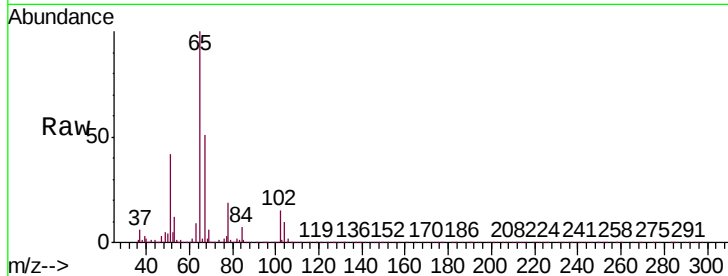
Instrument :

MSVOA_R

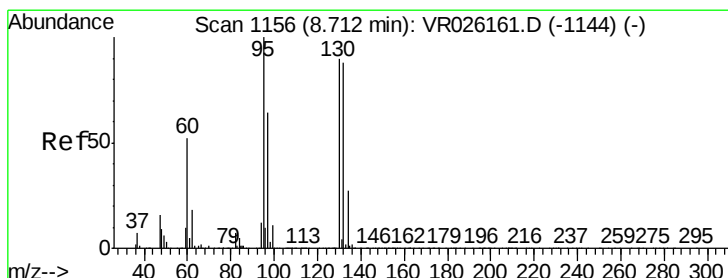
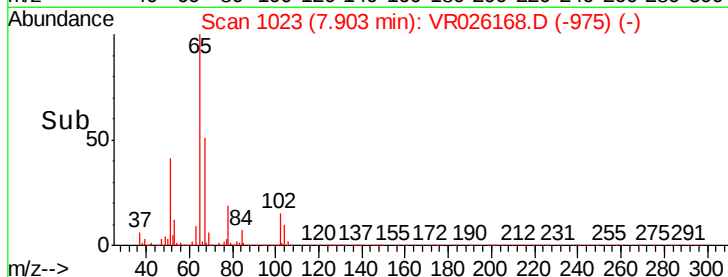
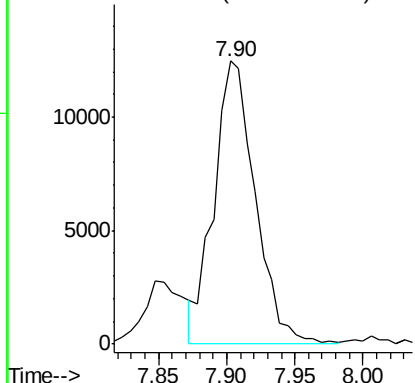
ClientSampleId :

C0BE6

Tgt Ion: 78 Resp: 26245



Abundance Ion 78.10 (77.80 to 78.80): VR0



#34

Trichloroethene

Concen: 0.433 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026168.D

Acq: 2 Nov 2018 19:35

Tgt Ion: 95 Resp: 18802

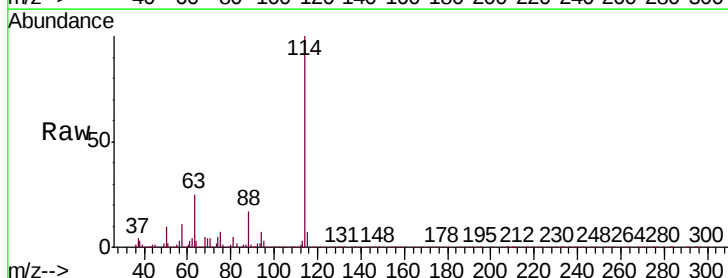
Ion Ratio Lower Upper

95 100

97 0.8 45.7 84.9#

132 1.1 58.3 108.3#

130 0.8 64.0 119.0#

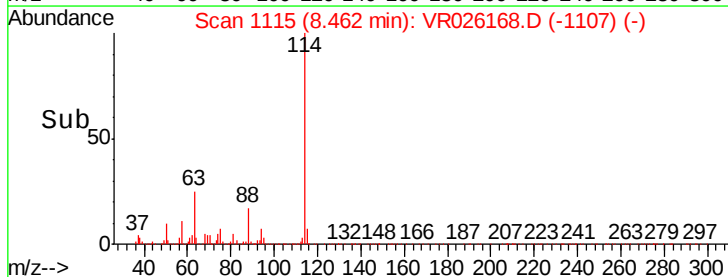
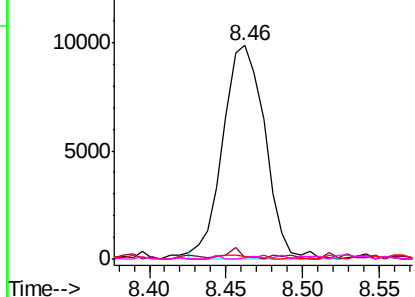


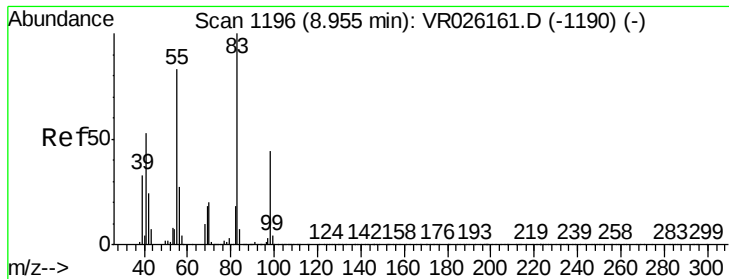
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

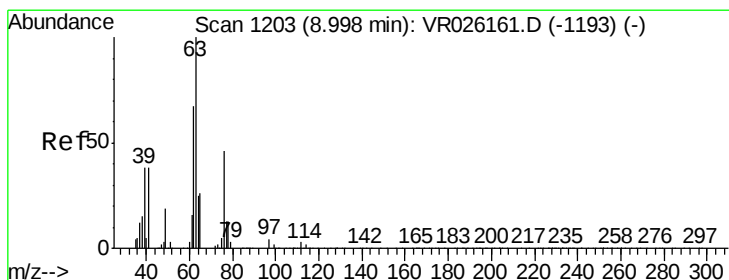
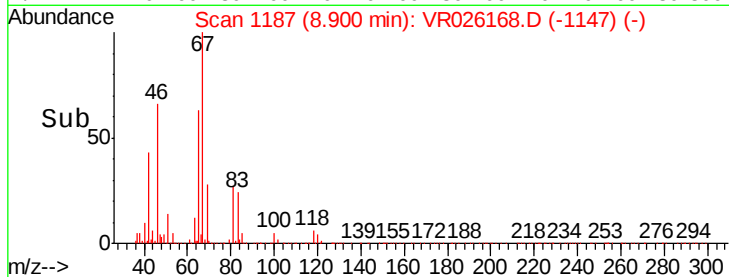
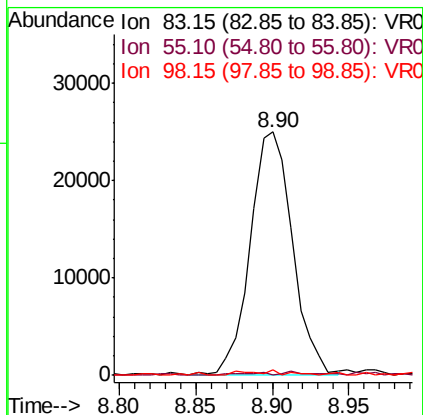
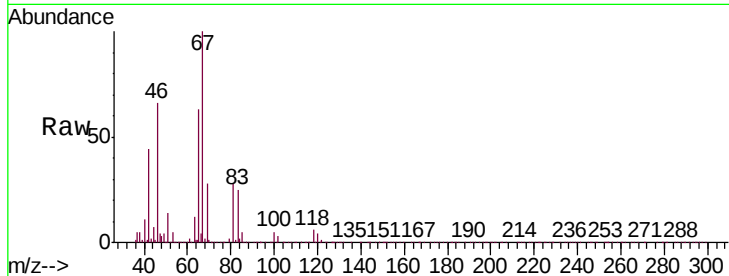




#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026168.D
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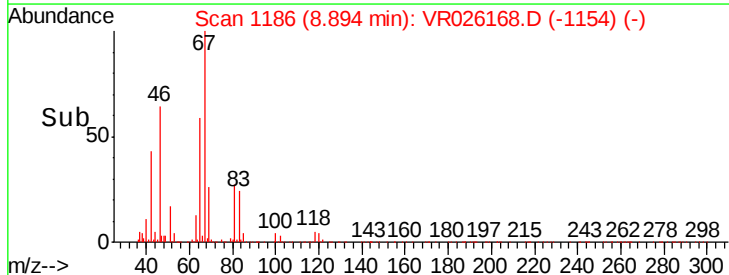
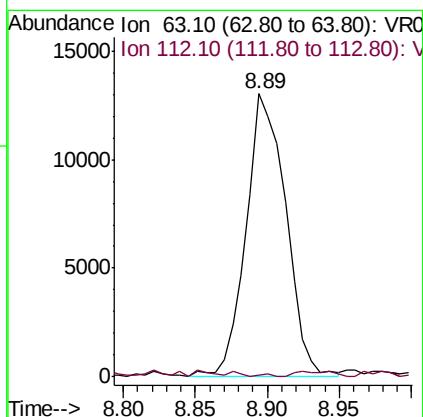
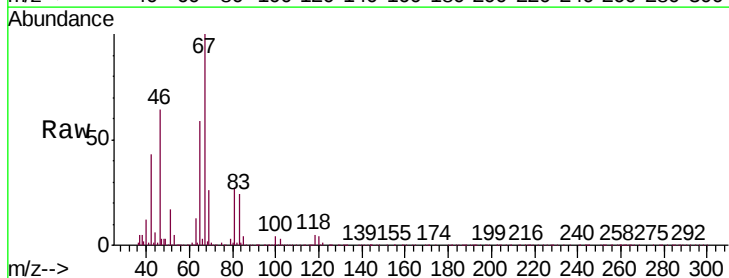
Instrument :
MSVOA_R
ClientSampleId :
C0BE6

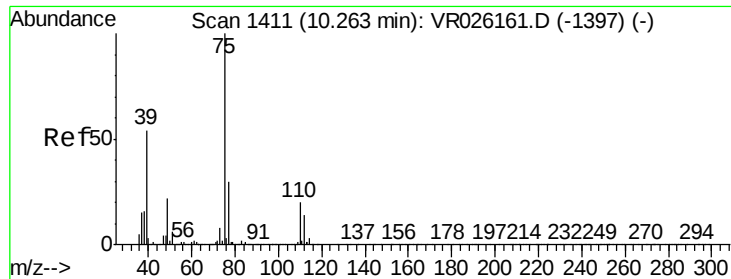
Tgt Ion: 83 Resp: 47801
Ion Ratio Lower Upper
83 100
55 1.0 66.8 100.2#
98 0.9 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.696 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026168.D
Acq: 2 Nov 2018 19:35

Tgt Ion: 63 Resp: 24917
Ion Ratio Lower Upper
63 100
112 0.6 2.7 4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.108 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026168.D

Acq: 2 Nov 2018 19:35

Instrument :

MSVOA_R

ClientSampleId :

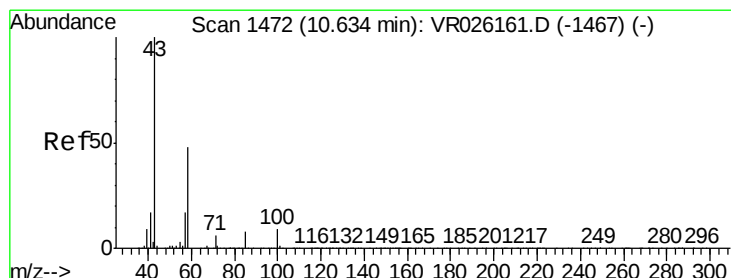
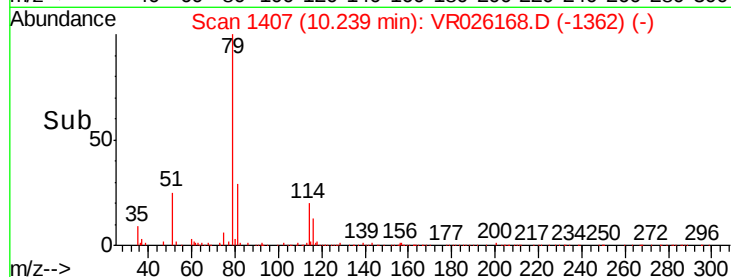
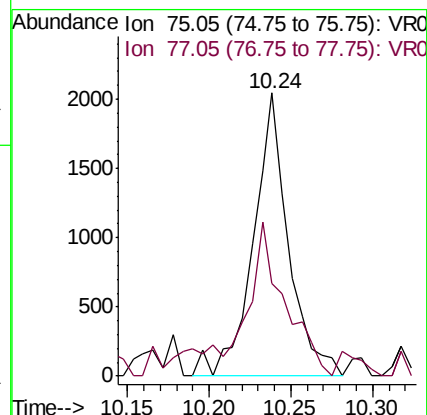
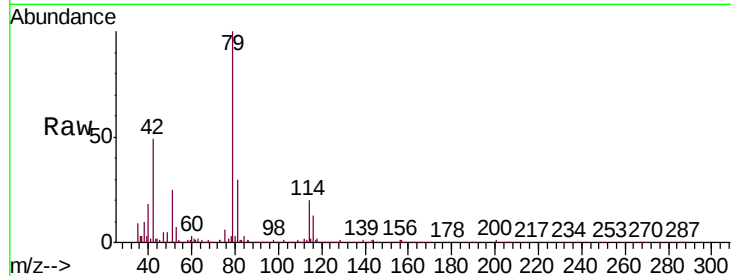
C0BE6

Tgt Ion: 75 Resp: 3080

Ion Ratio Lower Upper

75 100

77 32.5 24.1 44.7



#48

2-Hexanone

Concen: 4.620 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026168.D

Acq: 2 Nov 2018 19:35

Tgt Ion: 43 Resp: 32993

Ion Ratio Lower Upper

43 100

58 30.2 39.6 59.4#

57 27.6 14.0 21.0#

100 2.3 7.0 10.6#

