

Data File : VR026378.D
Acq On : 25 Feb 2019 16:49
Operator : SY/MD
Sample : K1589-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09M4

Quant Time: Feb 26 06:22:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	552744	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	469532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	143155	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	177971	3.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.80%
7) Chloroethane-d5	2.62	69	159377	3.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.80%
11) 1,1-Dichloroethene-d2	3.60	63	352613	2.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.60%#
20) 2-Butanone-d5	6.58	46	245899	62.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.62%
24) Chloroform-d	7.20	84	398752	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	7.89	65	171748	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.85	84	726168	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	8.89	67	202860	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	620241	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.00%
43) trans-1,3-Dichloropropene-	10.23	79	45390	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	10.59	63	185475	62.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77774	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	130995	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

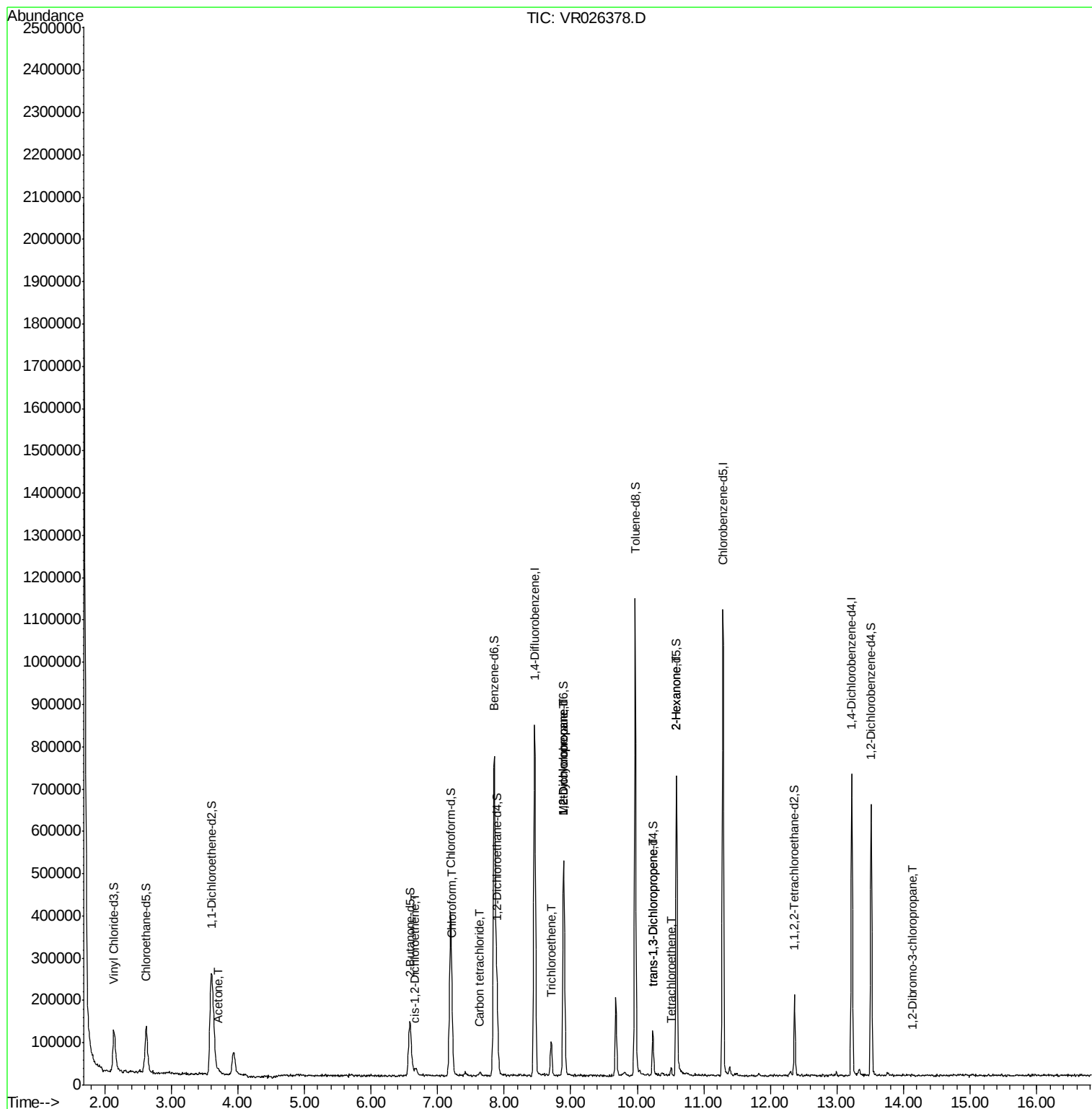
					Qvalue
13) Acetone	3.70	43	11460	3.228 ug/L	89
22) cis-1,2-Dichloroethene	6.66	96	4714	0.127 ug/L #	98
25) Chloroform	7.22	83	12979	0.168 ug/L	94
31) Carbon tetrachloride	7.63	117	6056	0.096 ug/L	81
34) Trichloroethene	8.71	95	25275	0.557 ug/L	91
35) Methylcyclohexane	8.90	83	51252	0.796 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	25776	0.673 ug/L #	89
44) trans-1,3-Dichloropropene	10.23	75	2870	0.094 ug/L	87
47) Tetrachloroethene	10.51	164	4034	0.123 ug/L #	75
48) 2-Hexanone	10.59	43	32111	4.436 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.14	75	316	0.236 ug/L #	74

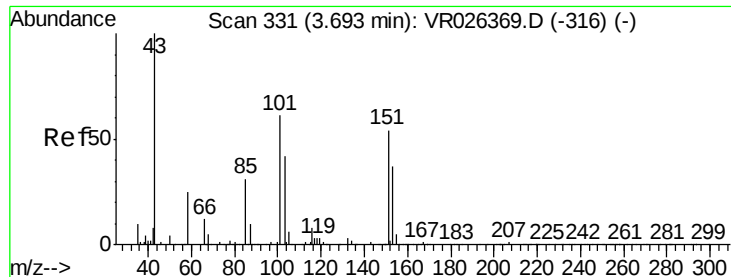
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VR026378.D
Acq On : 25 Feb 2019 16:49
Operator : SY/MD
Sample : K1589-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09M4

Quant Time: Feb 26 06:22:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Feb 26 06:18:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.228 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

Instrument :

MSVOA_R

ClientSampleId :

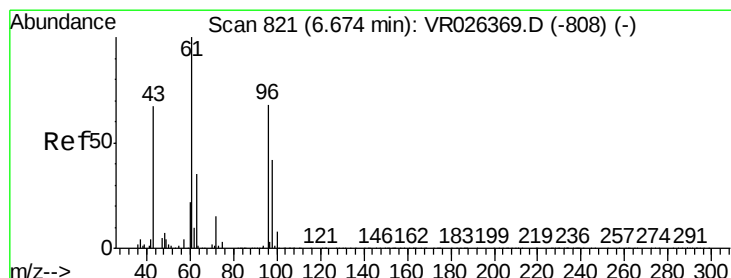
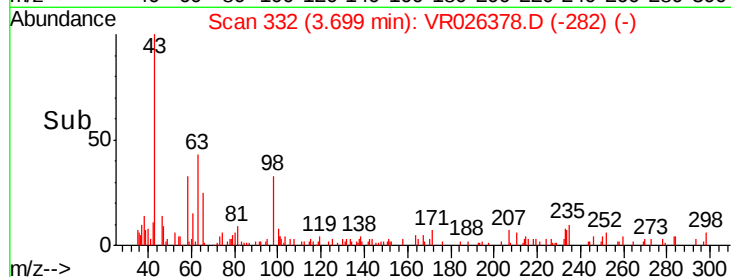
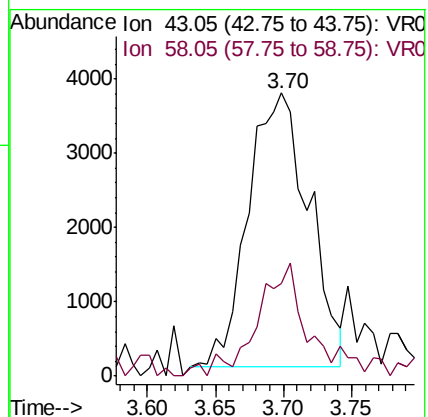
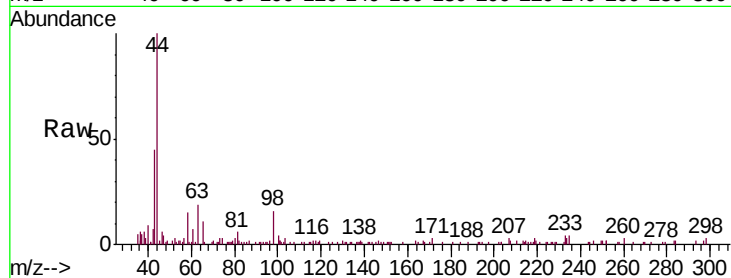
C09M4

Tgt Ion: 43 Resp: 11460

Ion Ratio Lower Upper

43 100

58 31.9 0.0 52.2



#22

cis-1,2-Dichloroethene

Concen: 0.127 ug/L

RT: 6.66 min Scan# 819

Delta R.T. -0.01 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

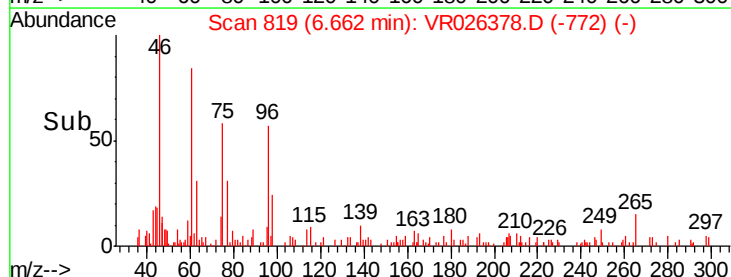
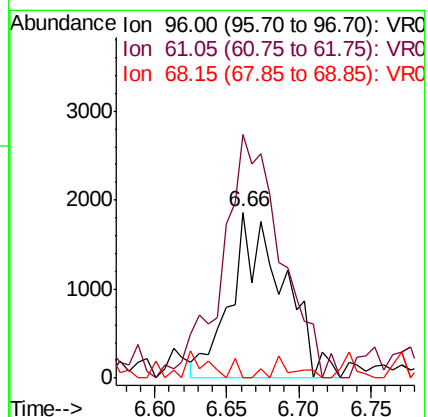
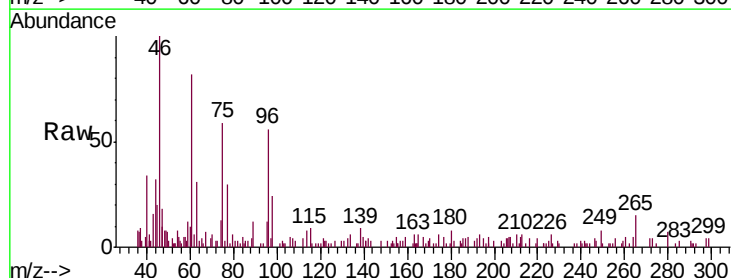
Tgt Ion: 96 Resp: 4714

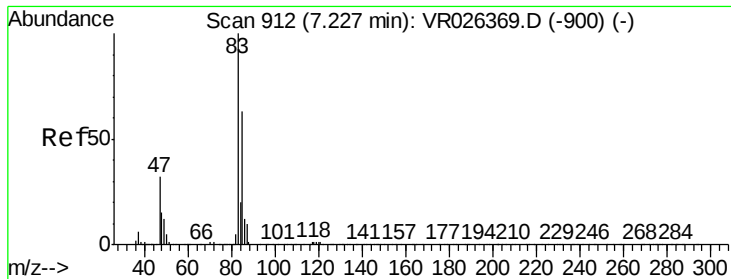
Ion Ratio Lower Upper

96 100

61 146.5 100.8 187.2

68 0.0 0.1 0.1#





#25

Chloroform

Concen: 0.168 ug/L

RT: 7.22 min Scan# 911

Delta R.T. -0.01 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

Instrument :

MSVOA_R

ClientSampleId :

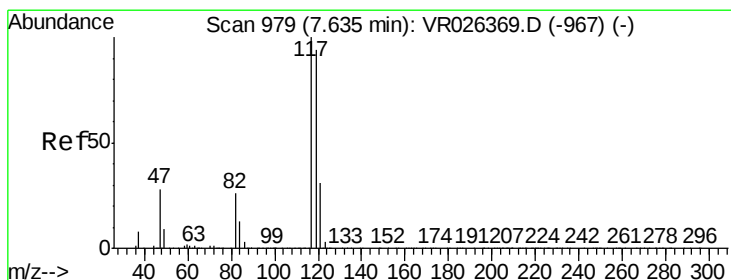
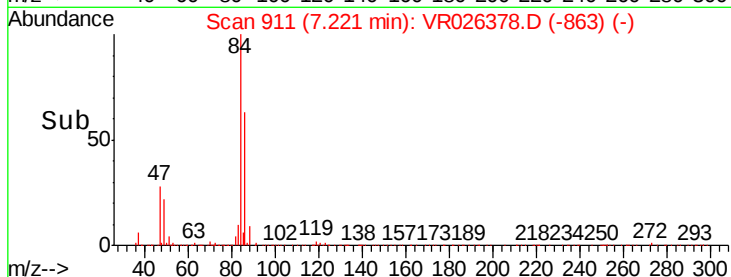
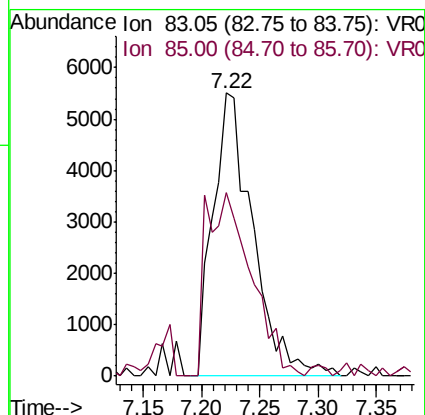
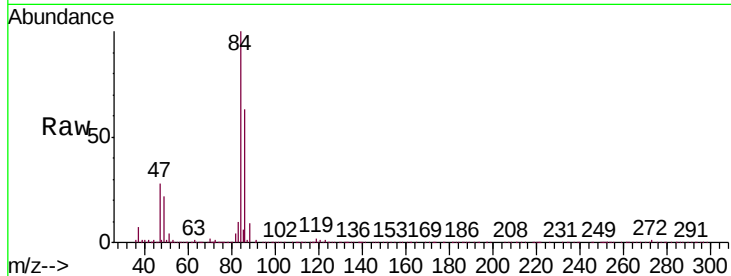
C09M4

Tgt Ion: 83 Resp: 12979

Ion Ratio Lower Upper

83 100

85 64.7 48.6 90.2



#31

Carbon tetrachloride

Concen: 0.096 ug/L

RT: 7.63 min Scan# 978

Delta R.T. -0.01 min

Lab File: VR026378.D

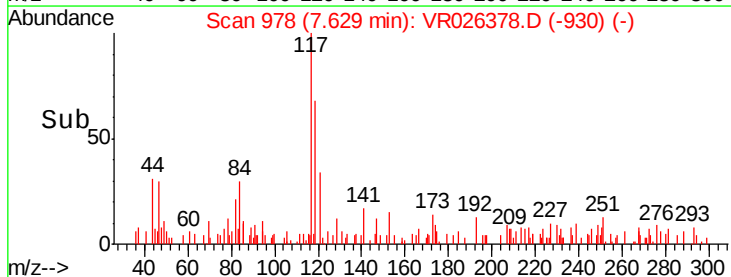
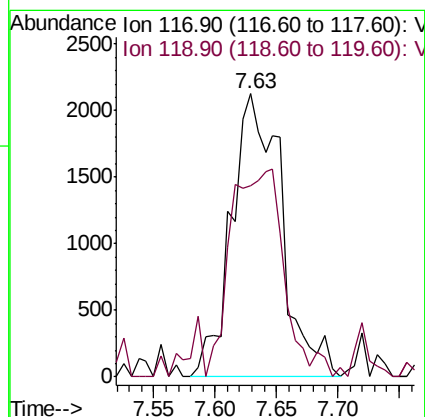
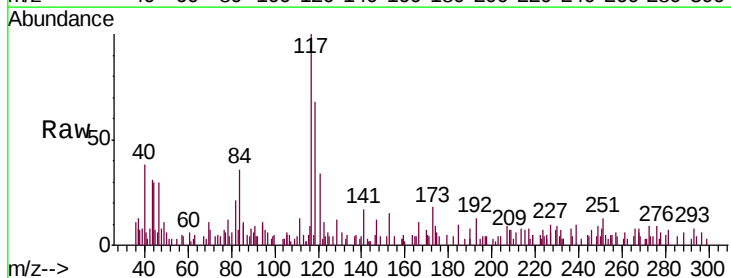
Acq: 25 Feb 2019 16:49

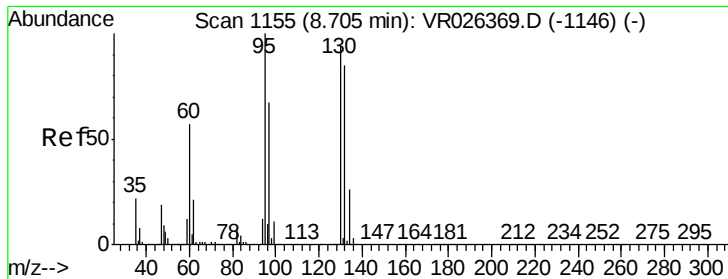
Tgt Ion: 117 Resp: 6056

Ion Ratio Lower Upper

117 100

119 77.8 77.0 115.6





#34

Trichloroethene

Concen: 0.557 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

Instrument :

MSVOA_R

ClientSampleId :

C09M4

Tgt Ion: 95 Resp: 25275

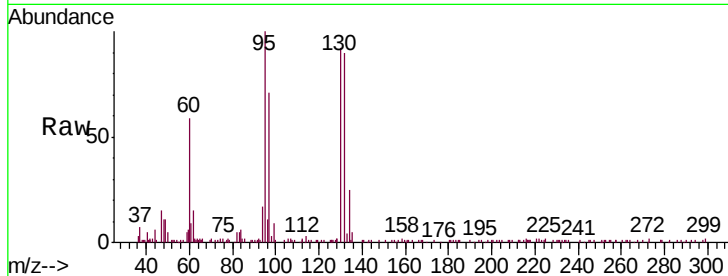
Ion Ratio Lower Upper

95 100

97 71.2 43.5 80.7

132 90.1 58.6 108.8

130 92.0 59.4 110.2

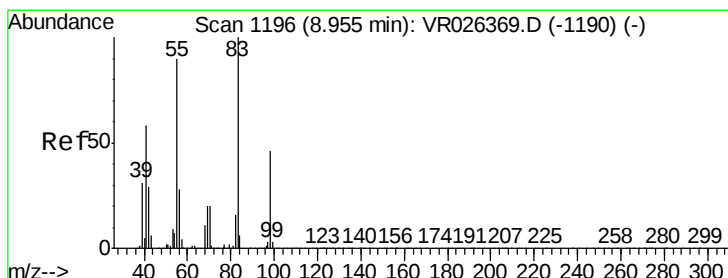
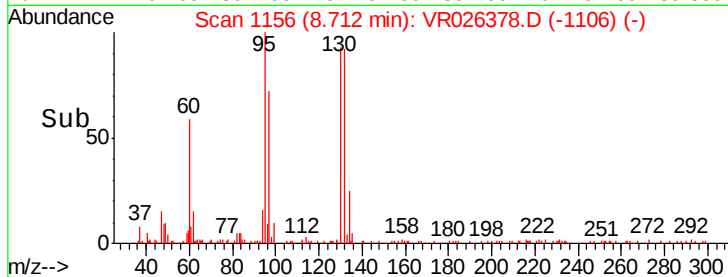
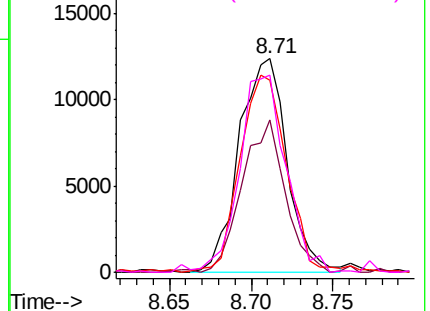


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.796 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

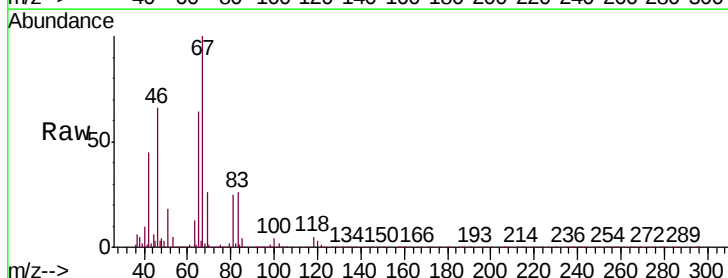
Tgt Ion: 83 Resp: 51252

Ion Ratio Lower Upper

83 100

55 1.0 72.2 108.2#

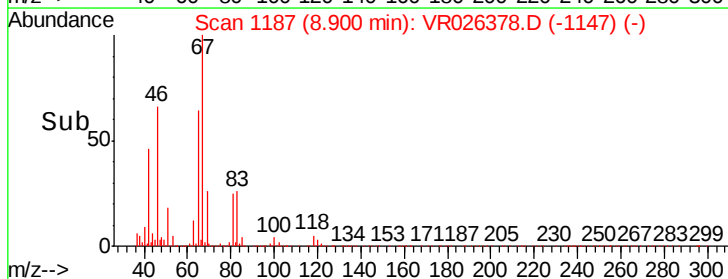
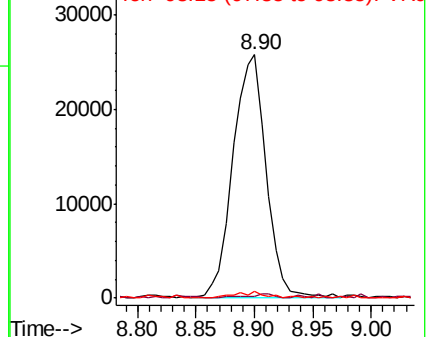
98 2.6 35.0 52.4#

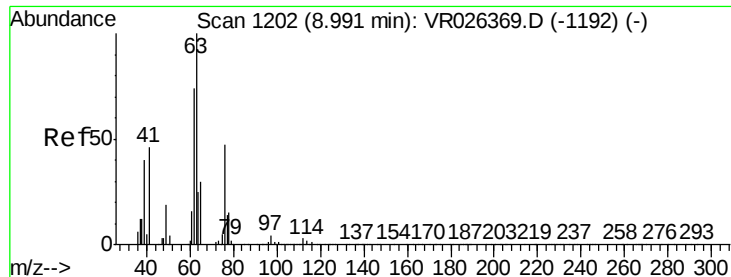


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.673 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

Instrument :

MSVOA_R

ClientSampleId :

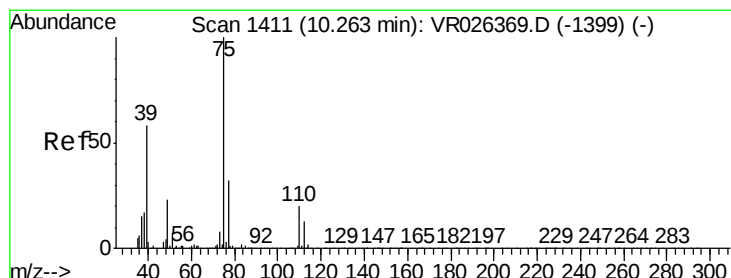
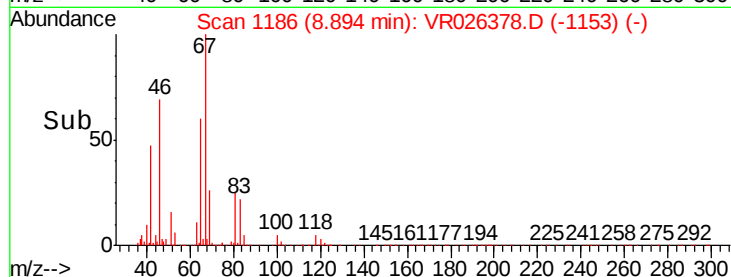
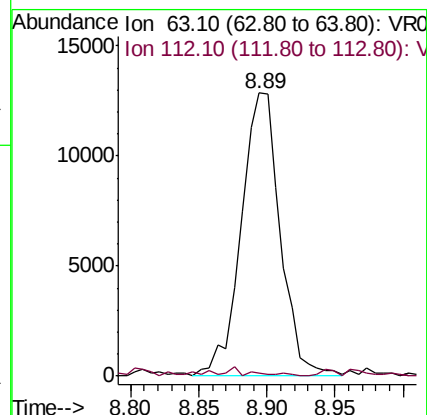
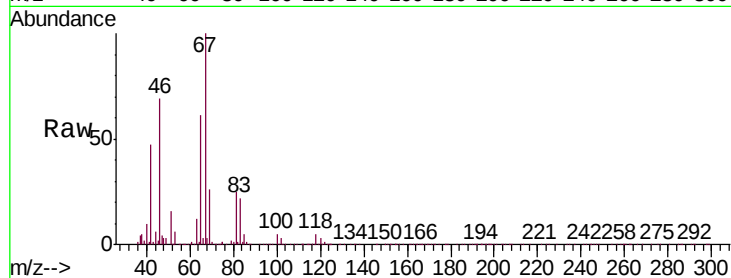
C09M4

Tgt Ion: 63 Resp: 25776

Ion Ratio Lower Upper

63 100

112 0.8 3.6 5.4#



#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026378.D

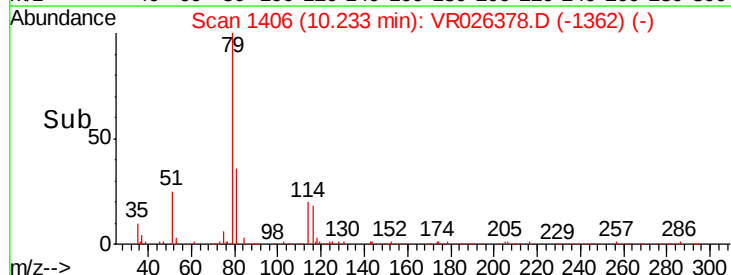
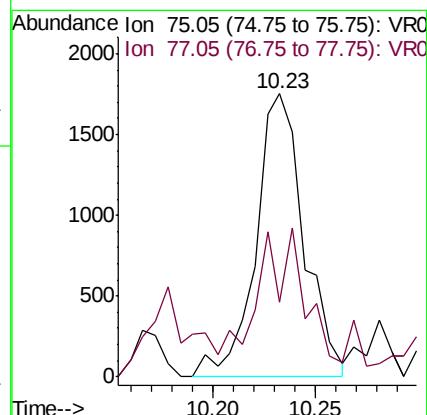
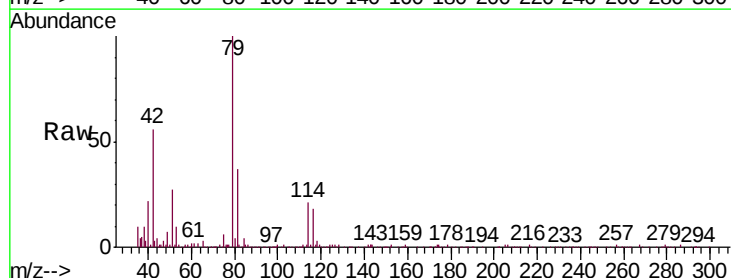
Acq: 25 Feb 2019 16:49

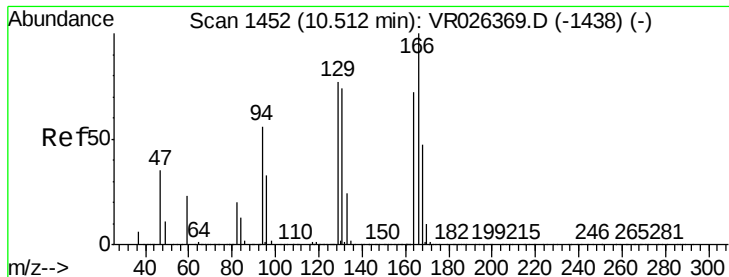
Tgt Ion: 75 Resp: 2870

Ion Ratio Lower Upper

75 100

77 26.5 23.9 44.3

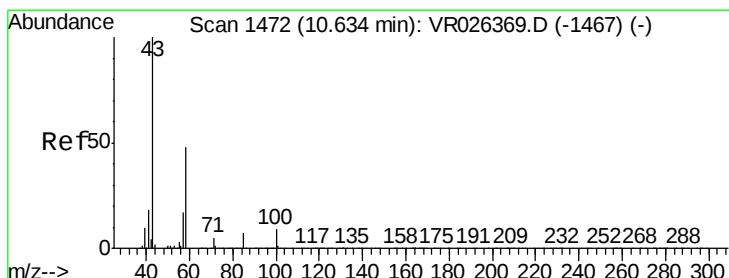
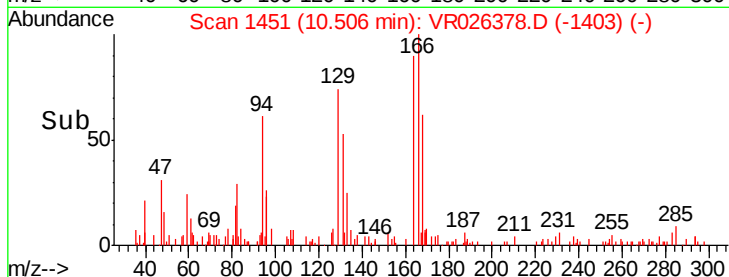
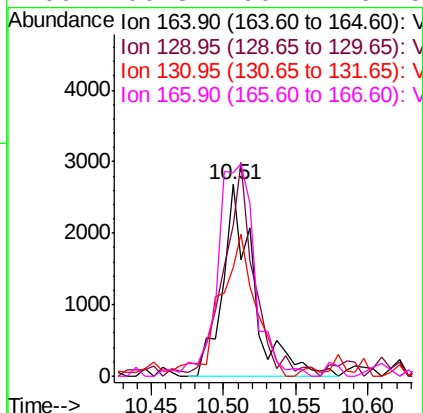
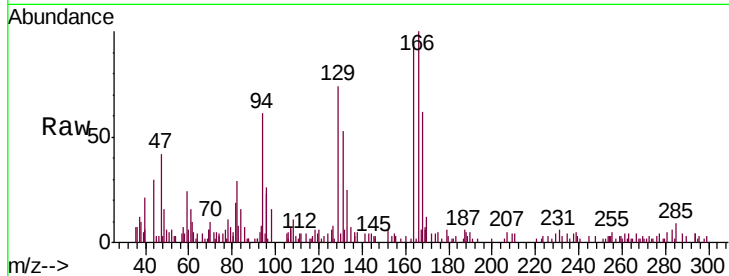




#47
Tetrachloroethene
Concen: 0.123 ug/L
RT: 10.51 min Scan# 1451
Delta R.T. -0.01 min
Lab File: VR026378.D
Acq: 25 Feb 2019 16:49

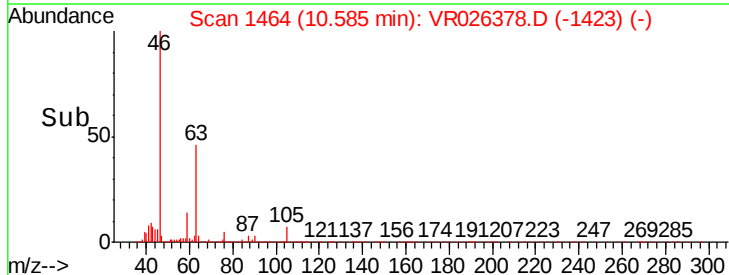
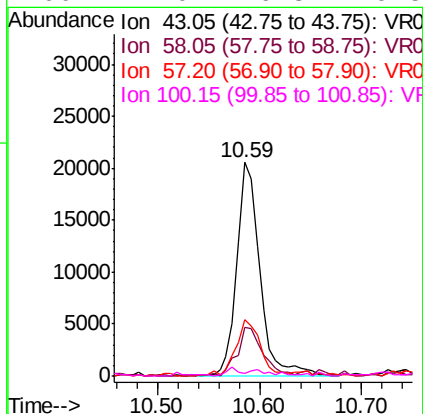
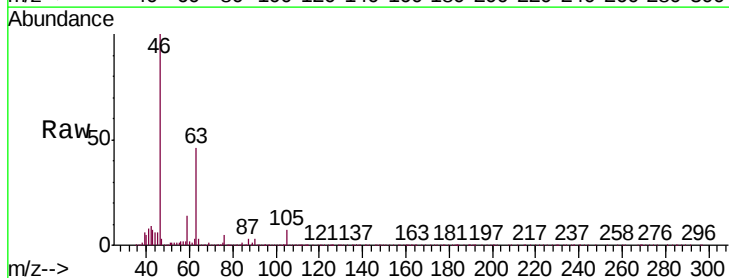
Instrument :
MSVOA_R
ClientSampleId :
C09M4

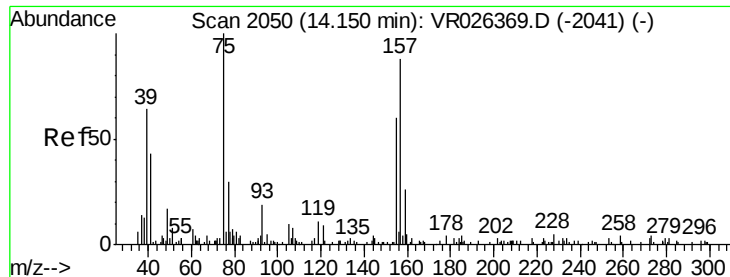
Tgt Ion:164 Resp: 4034
Ion Ratio Lower Upper
164 100
129 78.8 67.2 124.8
131 56.8 67.3 125.1#
166 106.3 90.4 167.8



#48
2-Hexanone
Concen: 4.436 ug/L
RT: 10.59 min Scan# 1464
Delta R.T. -0.05 min
Lab File: VR026378.D
Acq: 25 Feb 2019 16:49

Tgt Ion: 43 Resp: 32111
Ion Ratio Lower Upper
43 100
58 25.3 38.4 57.6#
57 27.8 13.2 19.8#
100 2.0 6.3 9.5#





#66

1,2-Dibromo-3-chloropropane

Concen: 0.236 ug/L

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: VR026378.D

Acq: 25 Feb 2019 16:49

Instrument :

MSVOA_R

ClientSampleId :

C09M4

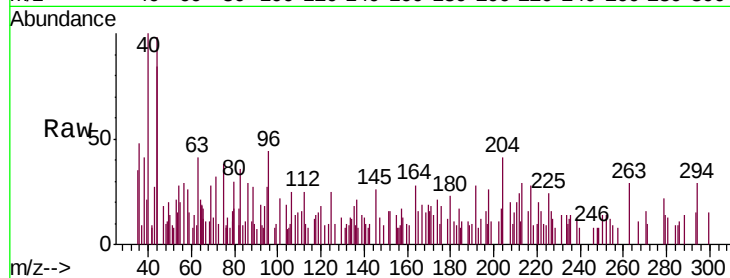
Tgt Ion: 75 Resp: 316

Ion Ratio Lower Upper

75 100

155 37.9 53.8 80.8#

157 68.4 67.4 101.0



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

