

Data File : VR026402.D
Acq On : 27 Feb 2019 14:01
Operator : SY/MD
Sample : K1588-07
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09L6

Quant Time: Feb 28 07:33:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	471183	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	384444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	107736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	161676	3.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.20%
7) Chloroethane-d5	2.62	69	154264	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	3.60	63	323576	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	6.59	46	188933	56.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.32%
24) Chloroform-d	7.20	84	344080	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	7.90	65	143078	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	7.85	84	605187	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	8.90	67	165617	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	9.97	98	510059	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	10.23	79	32754	3.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.80%
46) 2-Hexanone-d5	10.59	63	141520	58.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64866	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	104777	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

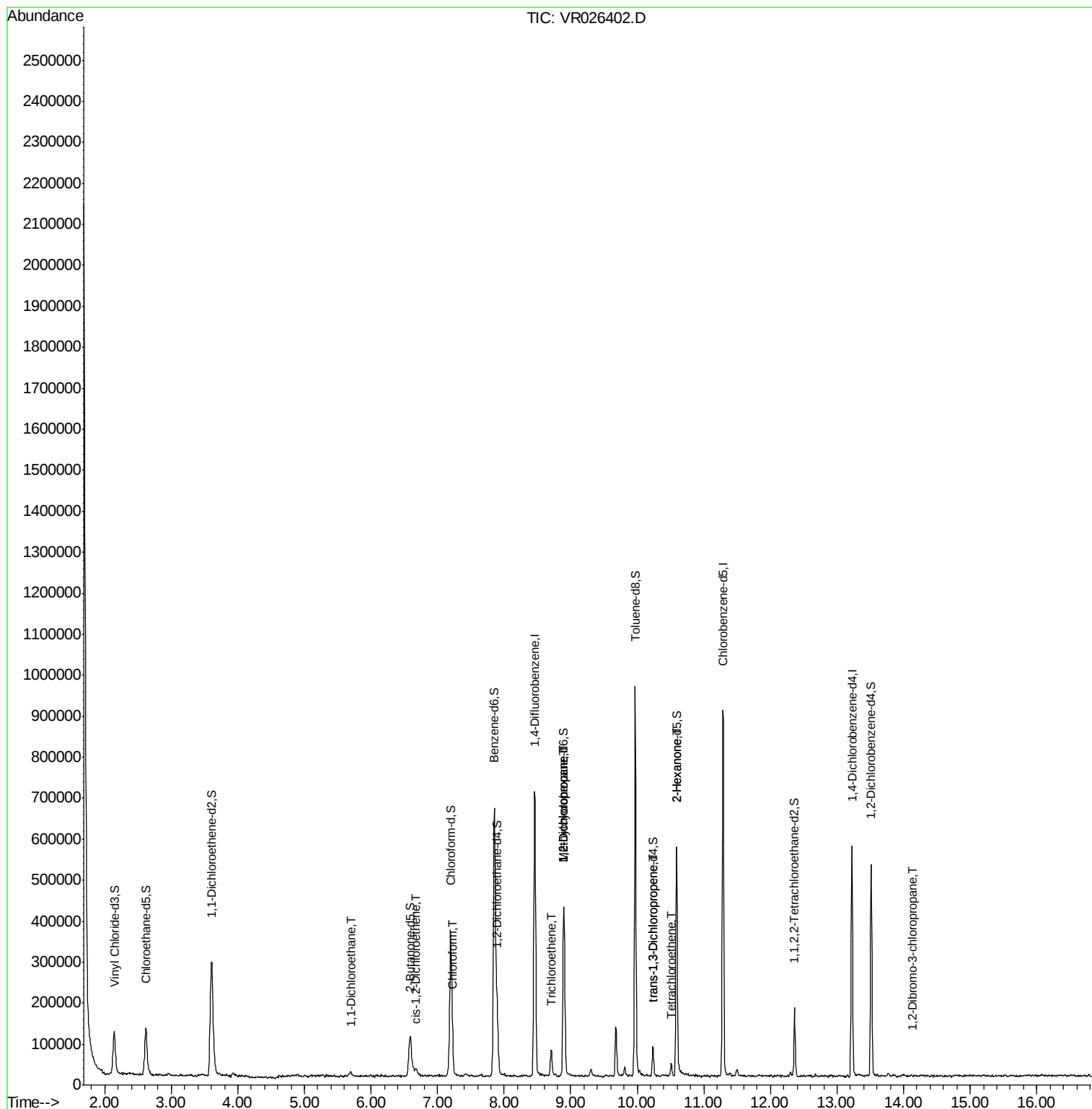
					Qvalue	
19) 1,1-Dichloroethane	5.69	63	10917	0.159	ug/L #	84
22) cis-1,2-Dichloroethene	6.67	96	6637	0.211	ug/L #	80
25) Chloroform	7.23	83	8390	0.127	ug/L	86
34) Trichloroethene	8.71	95	19305	0.519	ug/L	98
35) Methylcyclohexane	8.89	83	41107	0.780	ug/L #	15
37) 1,2-Dichloropropane	8.90	63	22927	0.731	ug/L #	89
44) trans-1,3-Dichloropropene	10.24	75	2316	0.093	ug/L	94
47) Tetrachloroethene	10.51	164	6197	0.230	ug/L	79
48) 2-Hexanone	10.59	43	26840	4.528	ug/L #	71
66) 1,2-Dibromo-3-chloropropan	14.14	75	262	0.260	ug/L #	11

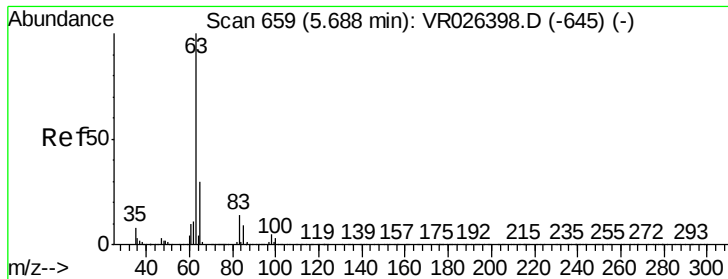
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 0.159 ug/L

RT: 5.69 min Scan# 659

Delta R.T. 0.00 min

Lab File: VR026402.D

Acq: 27 Feb 2019 14:01

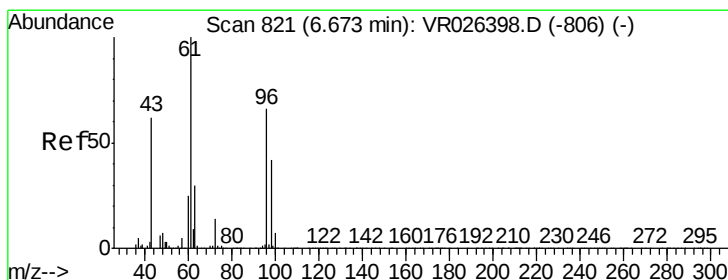
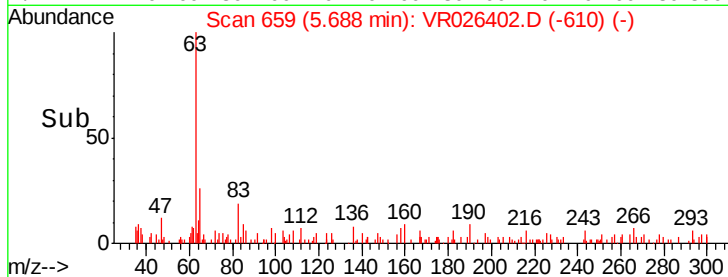
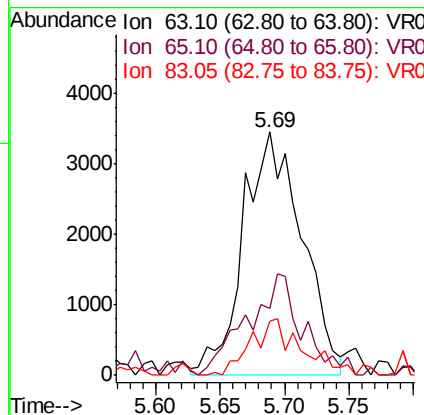
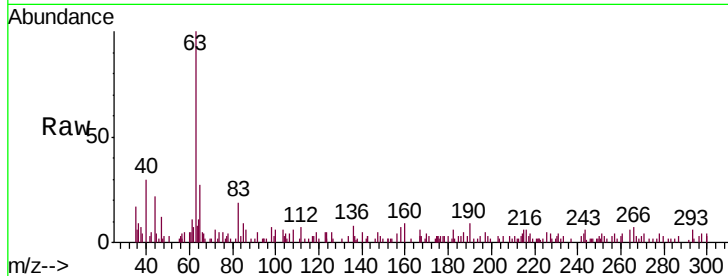
Instrument :

MSVOA_R

ClientSampleId :

C09L6

Tgt Ion:	63	Resp:	10917
Ion	Ratio	Lower	Upper
63	100		
65	25.5	23.6	43.8
83	20.6	8.8	16.4#



#22

cis-1,2-Dichloroethene

Concen: 0.211 ug/L

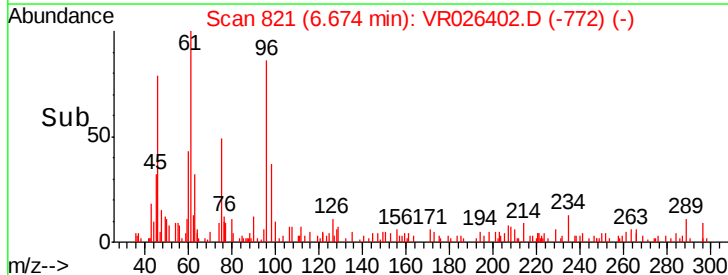
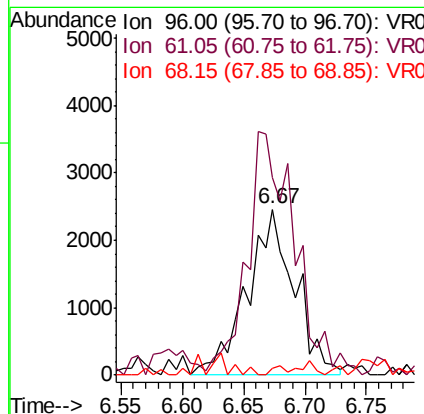
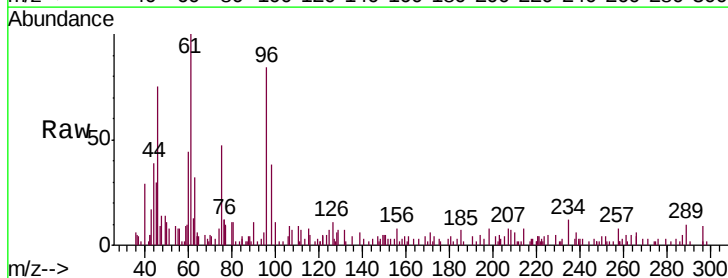
RT: 6.67 min Scan# 821

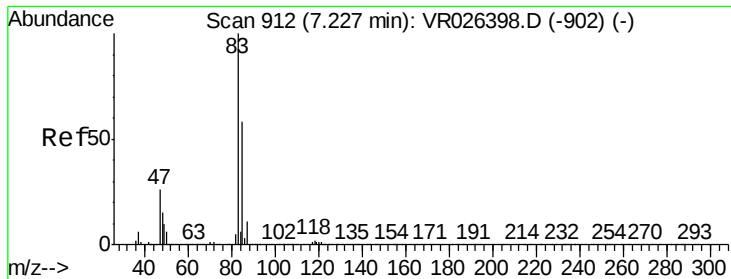
Delta R.T. 0.00 min

Lab File: VR026402.D

Acq: 27 Feb 2019 14:01

Tgt Ion:	96	Resp:	6637
Ion	Ratio	Lower	Upper
96	100		
61	119.0	100.8	187.2
68	3.9	0.1	0.1#





#25

Chloroform

Concen: 0.127 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.01 min

Lab File: VR026402.D

Acq: 27 Feb 2019 14:01

Instrument :

MSVOA_R

ClientSampleId :

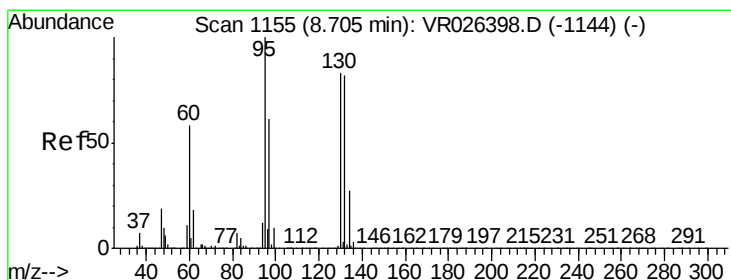
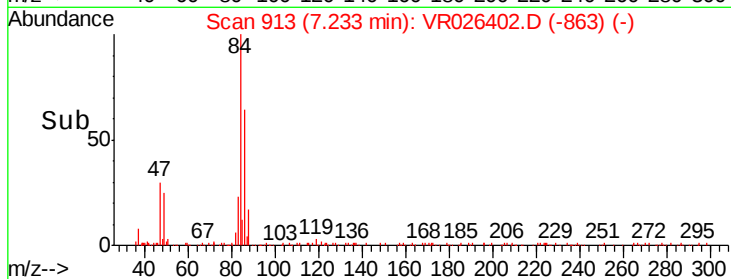
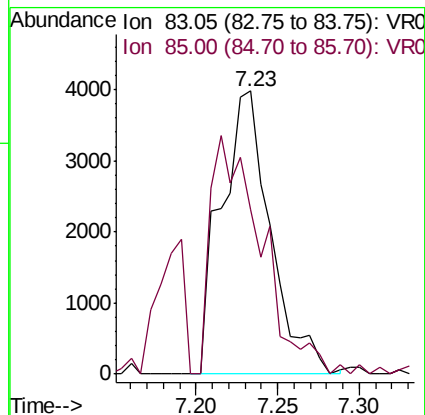
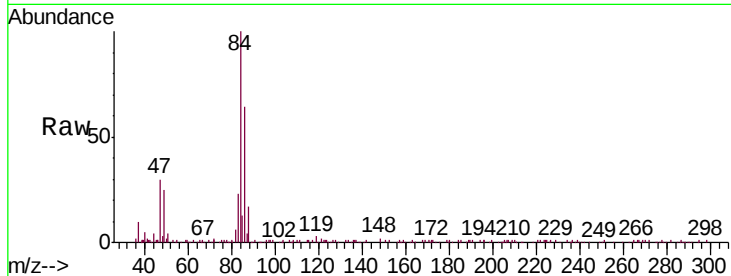
C09L6

Tgt Ion: 83 Resp: 8390

Ion Ratio Lower Upper

83 100

85 58.0 48.6 90.2



#34

Trichloroethene

Concen: 0.519 ug/L

RT: 8.71 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VR026402.D

Acq: 27 Feb 2019 14:01

Tgt Ion: 95 Resp: 19305

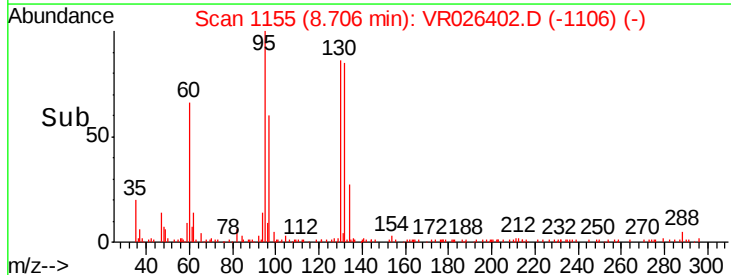
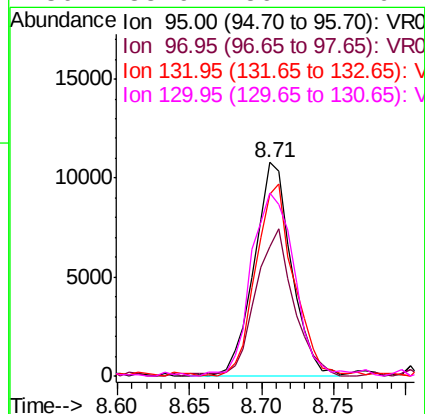
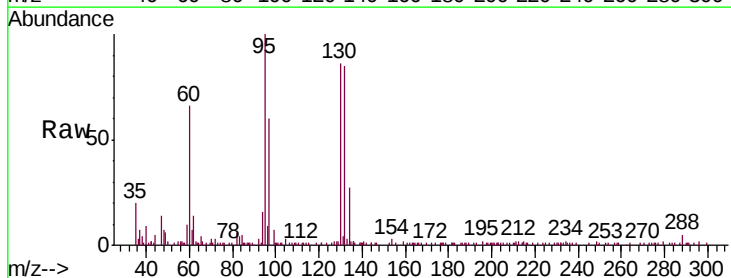
Ion Ratio Lower Upper

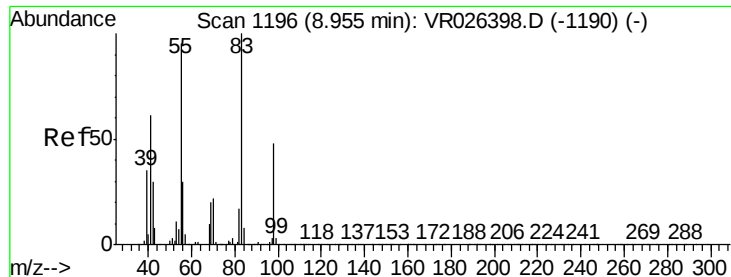
95 100

97 60.4 43.5 80.7

132 85.4 58.6 108.8

130 85.9 59.4 110.2

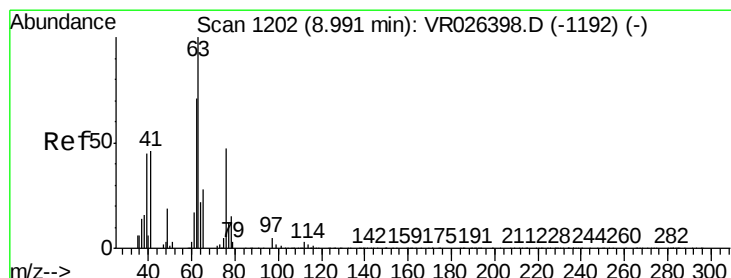
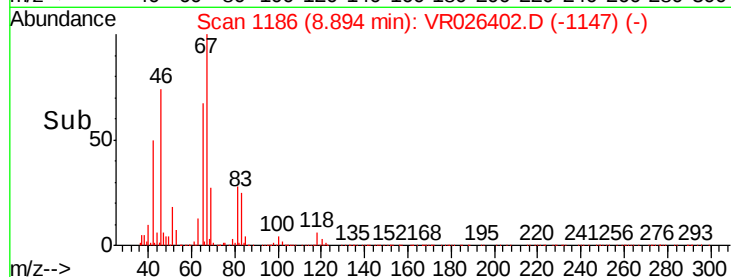
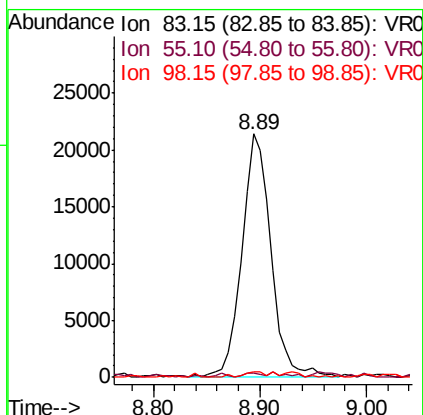
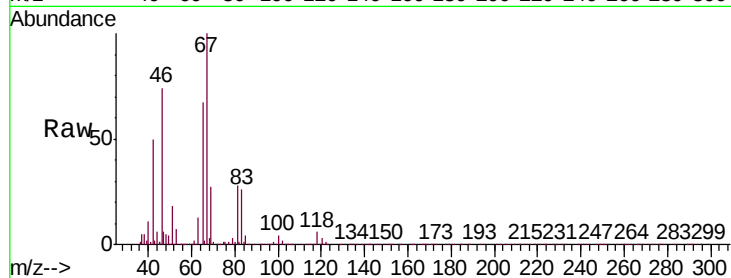




#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026402.D
Acq: 27 Feb 2019 14:01

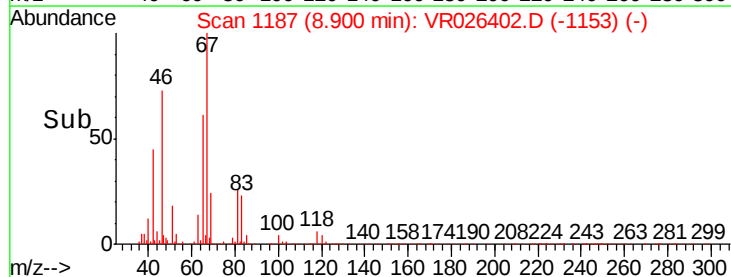
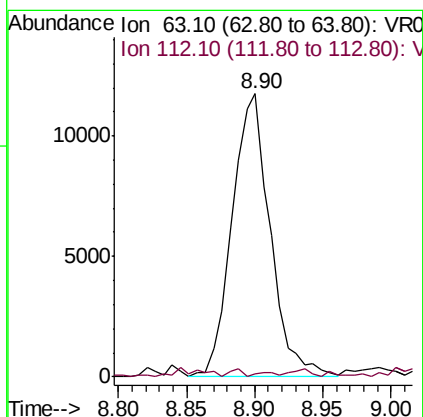
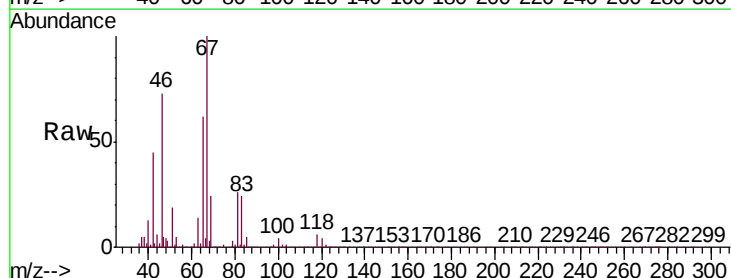
Instrument :
MSVOA_R
ClientSampleId :
C09L6

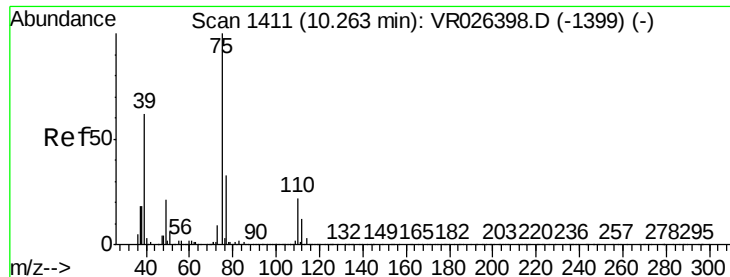
Tgt Ion: 83 Resp: 41107
Ion Ratio Lower Upper
83 100
55 1.2 72.2 108.2#
98 1.8 35.0 52.4#



#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026402.D
Acq: 27 Feb 2019 14:01

Tgt Ion: 63 Resp: 22927
Ion Ratio Lower Upper
63 100
112 0.8 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026402.D

Acq: 27 Feb 2019 14:01

Instrument :

MSVOA_R

ClientSampleId :

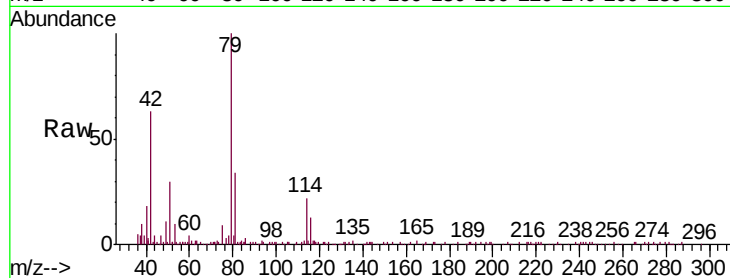
C09L6

Tgt Ion: 75 Resp: 2316

Ion Ratio Lower Upper

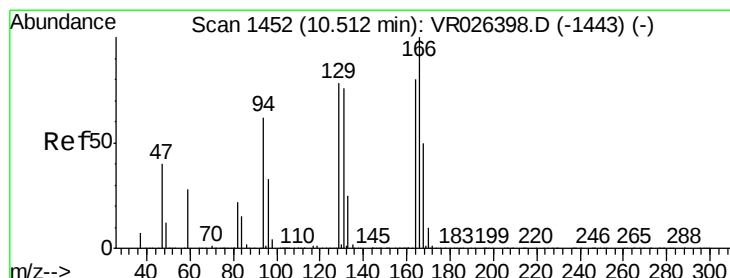
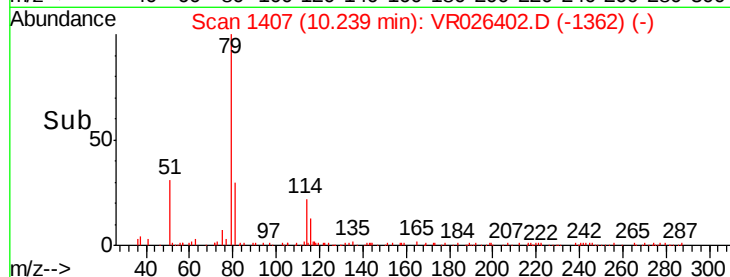
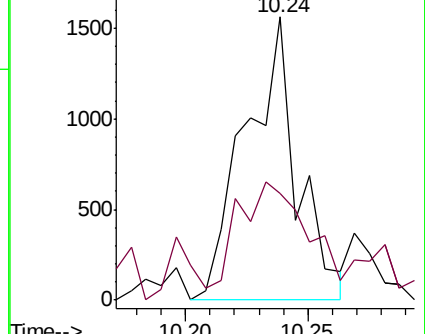
75 100

77 37.6 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#47

Tetrachloroethene

Concen: 0.230 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026402.D

Acq: 27 Feb 2019 14:01

Tgt Ion: 164 Resp: 6197

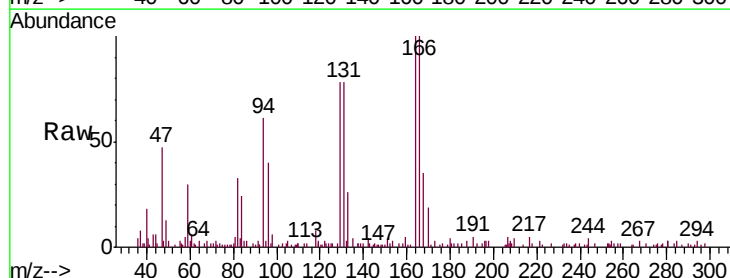
Ion Ratio Lower Upper

164 100

129 78.0 67.2 124.8

131 78.1 67.3 125.1

166 100.5 90.4 167.8

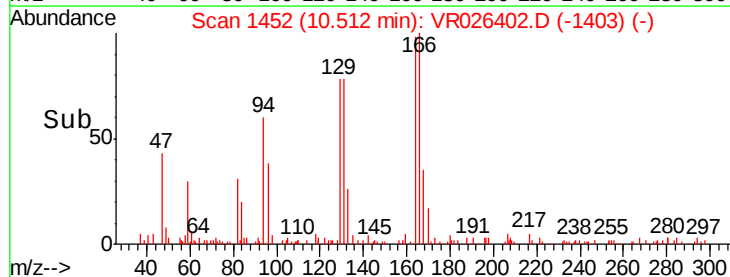
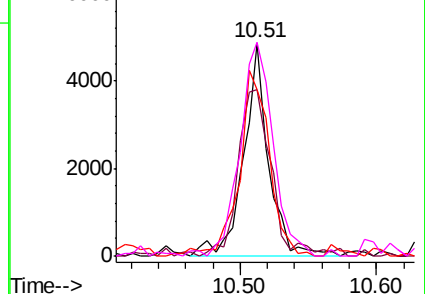


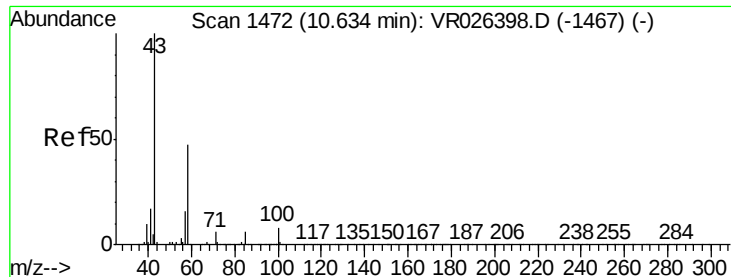
Abundance Ion 163.90 (163.60 to 164.60): V

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

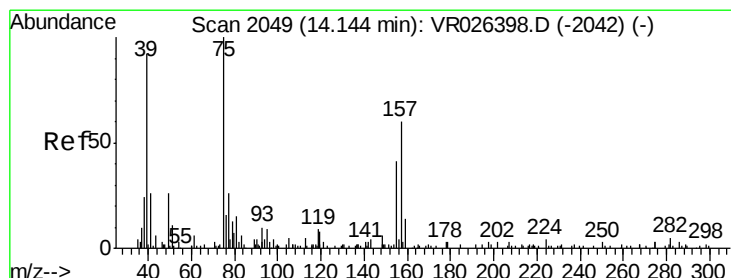
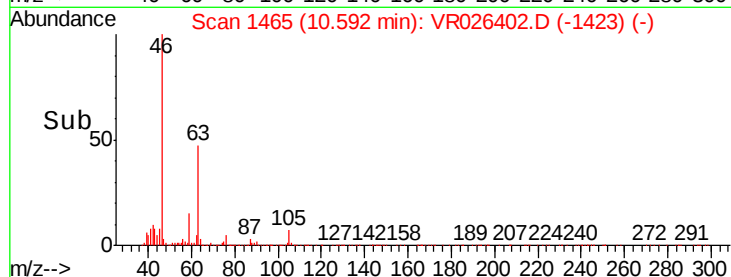
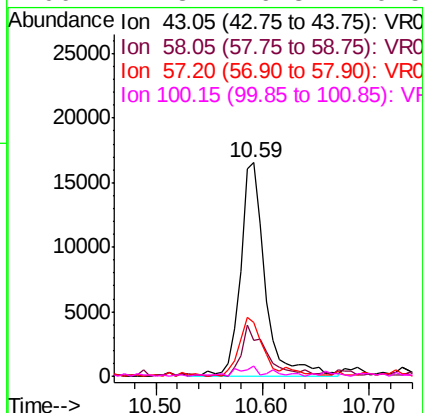
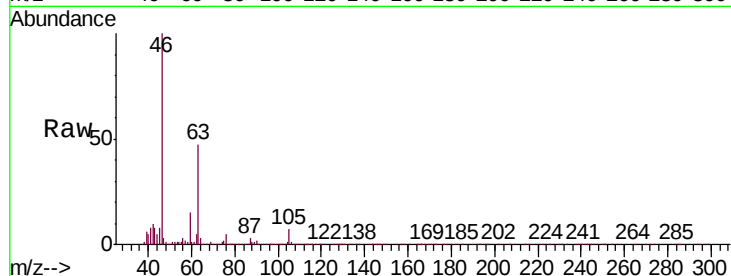




#48
2-Hexanone
Concen: 4.528 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026402.D
Acq: 27 Feb 2019 14:01

Instrument :
MSVOA_R
ClientSampled :
C09L6

Tgt Ion:	43	Resp:	26840
Ion	Ratio	Lower	Upper
43	100		
58	24.2	38.4	57.6#
57	25.8	13.2	19.8#
100	4.3	6.3	9.5#



#66
1,2-Dibromo-3-chloropropane
Concen: 0.260 ug/L
RT: 14.14 min Scan# 2048
Delta R.T. -0.01 min
Lab File: VR026402.D
Acq: 27 Feb 2019 14:01

Tgt Ion:	75	Resp:	262
Ion	Ratio	Lower	Upper
75	100		
155	0.0	53.8	80.8#
157	0.0	67.4	101.0#

