

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR022719\
 Data File : VR026403.D
 Acq On : 27 Feb 2019 14:34
 Operator : SY/MD
 Sample : K1588-08
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C09L7

Quant Time: Feb 28 07:51:41 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	489299	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	404349	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	113791	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	153011	3.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.00%
7) Chloroethane-d5	2.62	69	143960	3.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.40%
11) 1,1-Dichloroethene-d2	3.60	63	320800	2.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	6.59	46	186557	53.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.80%
24) Chloroform-d	7.20	84	337221	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.89	65	141528	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
32) Benzene-d6	7.85	84	584166	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
36) 1,2-Dichloropropane-d6	8.89	67	166778	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	9.97	98	508664	3.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.20%
43) trans-1,3-Dichloropropene-	10.23	79	31636	3.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.20%
46) 2-Hexanone-d5	10.59	63	141695	55.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60826	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	98837	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

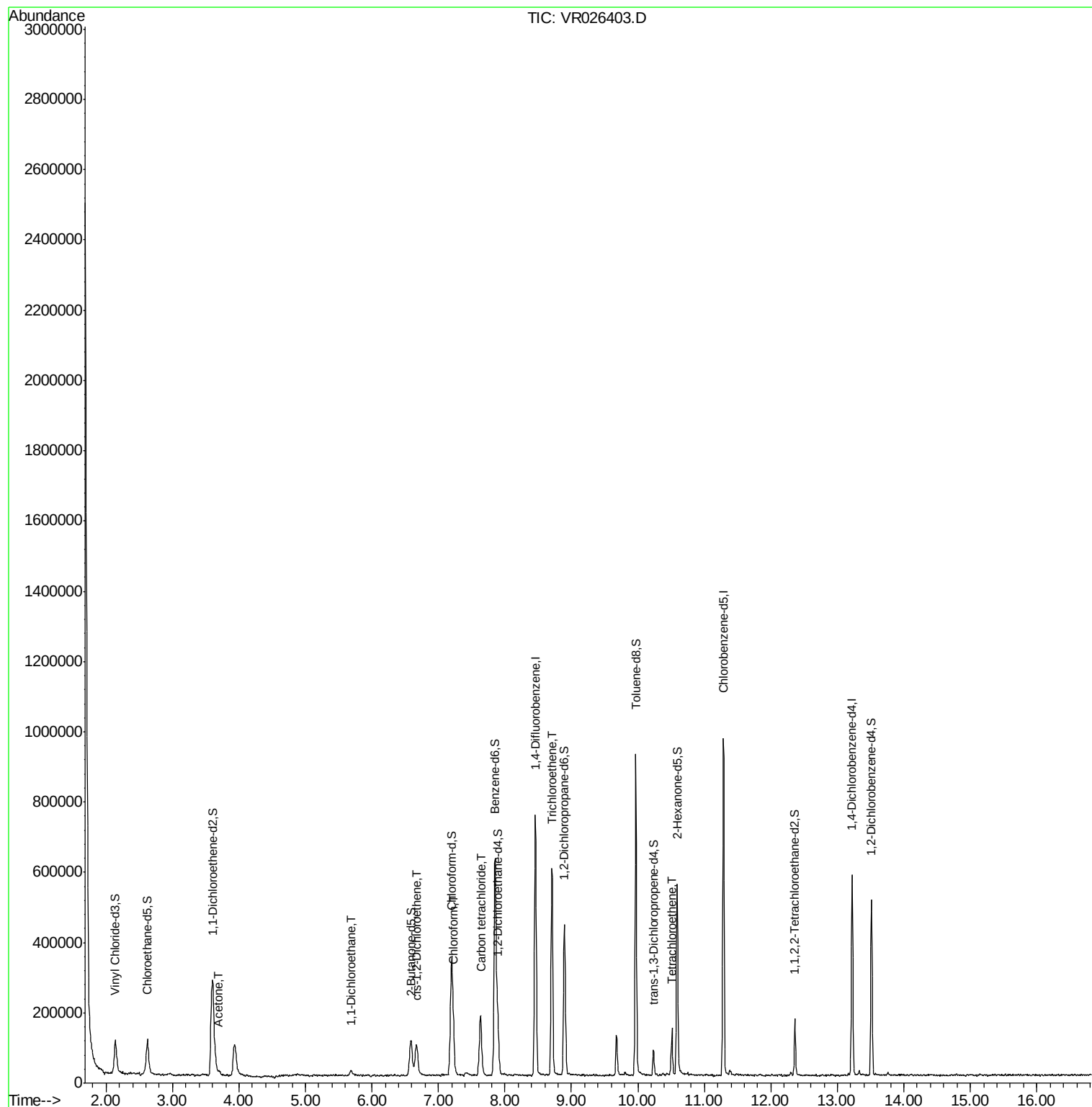
					Ovalue
13) Acetone	3.69	43	12747	4.056	ug/L 89
19) 1,1-Dichloroethane	5.68	63	17247	0.241	ug/L 91
22) cis-1,2-Dichloroethene	6.67	96	44131	1.348	ug/L # 93
25) Chloroform	7.23	83	73519	1.073	ug/L 93
31) Carbon tetrachloride	7.63	117	120361	2.210	ug/L 100
34) Trichloroethene	8.71	95	192432	4.923	ug/L 97
47) Tetrachloroethene	10.51	164	25426	0.897	ug/L 92

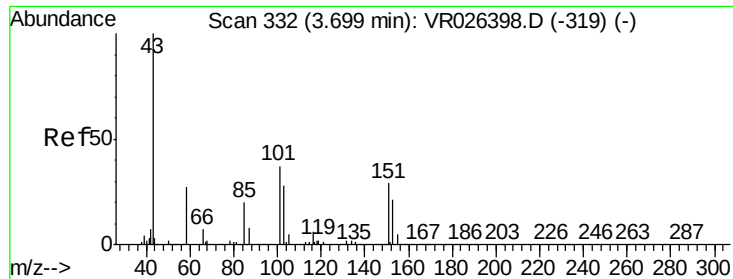
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR022719\
Data File : VR026403.D
Acq On : 27 Feb 2019 14:34
Operator : SY/MD
Sample : K1588-08
Misc : 25mL/MSVOA R/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C09L7

Quant Time: Feb 28 07:51:41 2019
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 4.056 ug/L

RT: 3.69 min Scan# 330

Delta R.T. -0.01 min

Lab File: VR026403.D

Acq: 27 Feb 2019 14:34

Instrument :

MSVOA_R

ClientSampled :

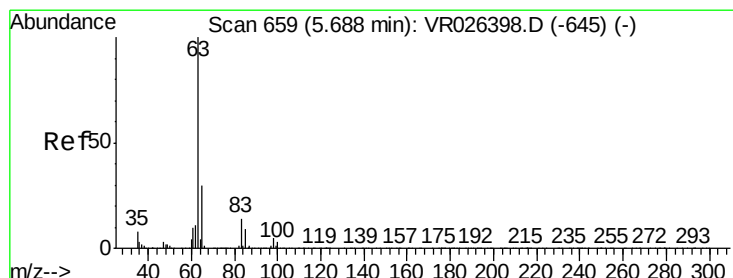
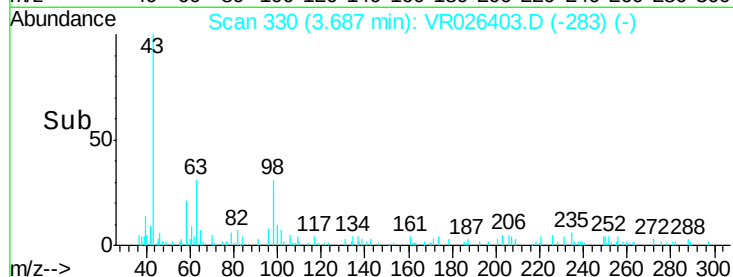
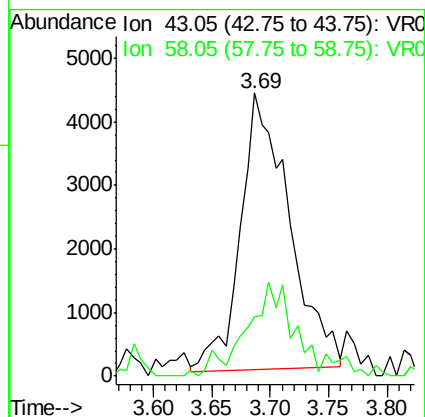
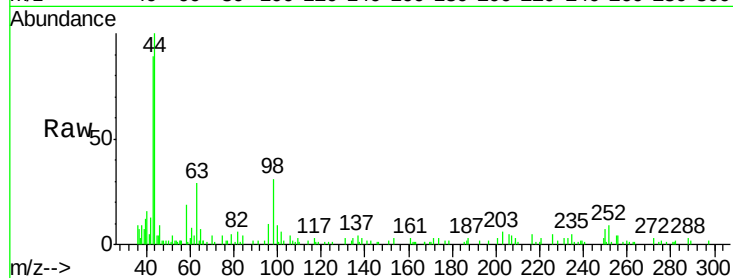
C09L7

Tot Ion: 43 Resp: 12747

Ion Ratio Lower Upper

43 100

58 32.0 0.0 52.2



#19

1,1-Dichloroethane

Concen: 0.241 ug/L

RT: 5.68 min Scan# 658

Delta R.T. -0.01 min

Lab File: VR026403.D

Acq: 27 Feb 2019 14:34

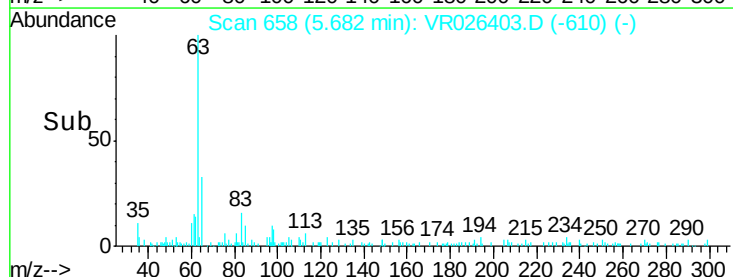
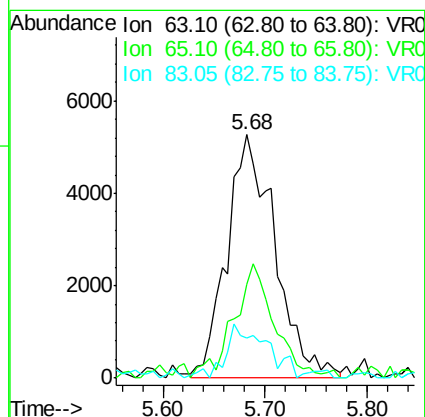
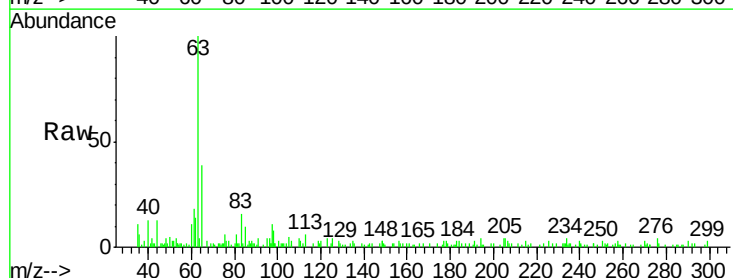
Tgt Ion: 63 Resp: 17247

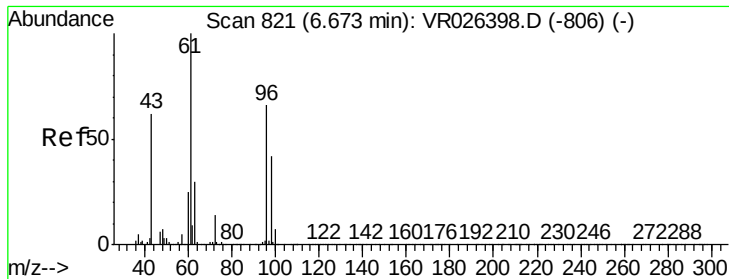
Ion Ratio Lower Upper

63 100

65 38.6 23.6 43.8

83 16.3 8.8 16.4



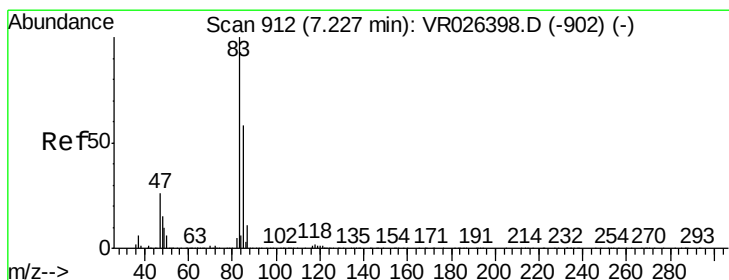
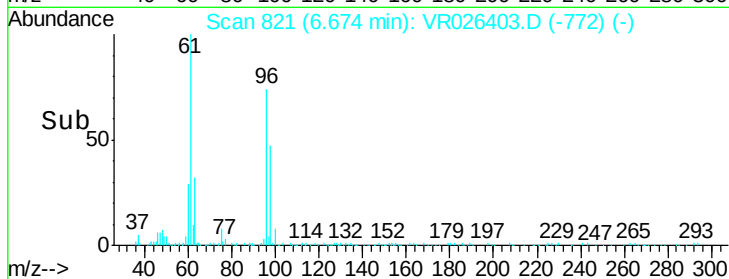
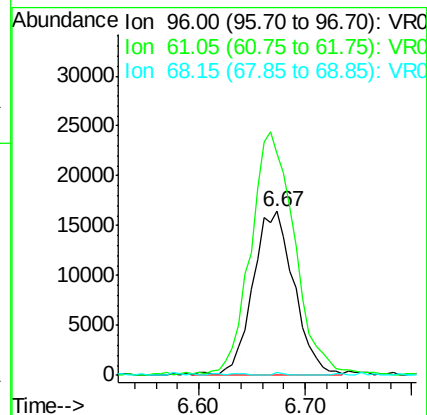
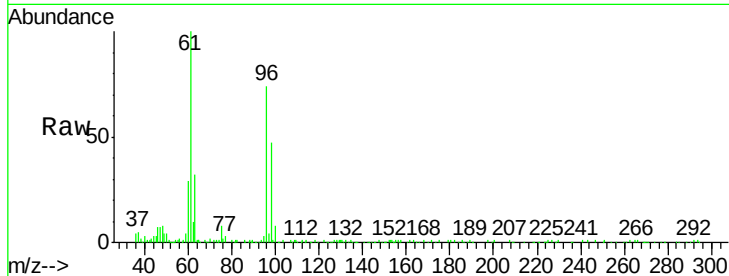


#22

cis-1,2-Dichloroethene
Concen: 1.348 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument :
MSVOA_R
ClientSampled :
C09L7

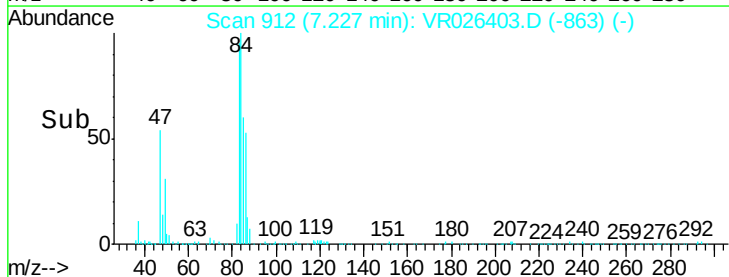
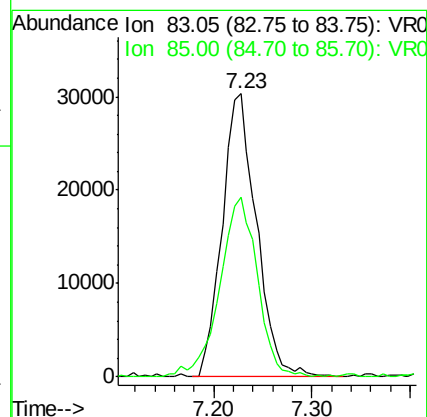
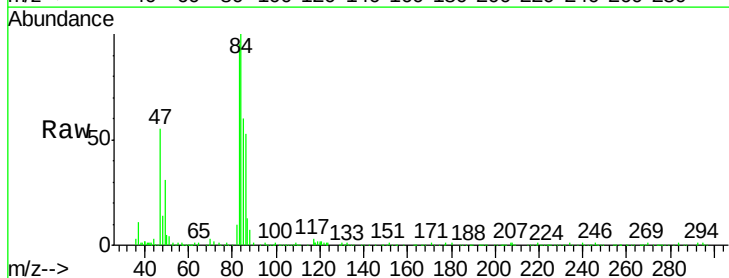
Tot Ion: 96 Resp: 44131
Ion Ratio Lower Upper
96 100
61 135.3 100.8 187.2
68 2.1 0.1 0.1#

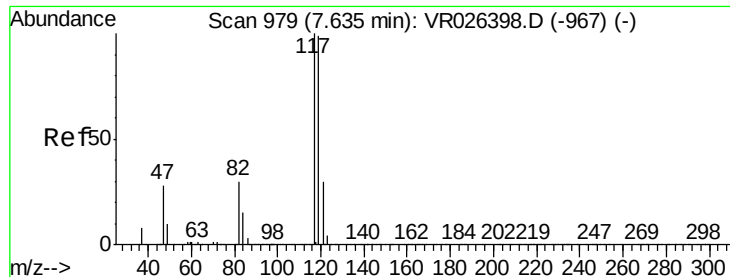


#25

Chloroform
Concen: 1.073 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 83 Resp: 73519
Ion Ratio Lower Upper
83 100
85 63.4 48.6 90.2



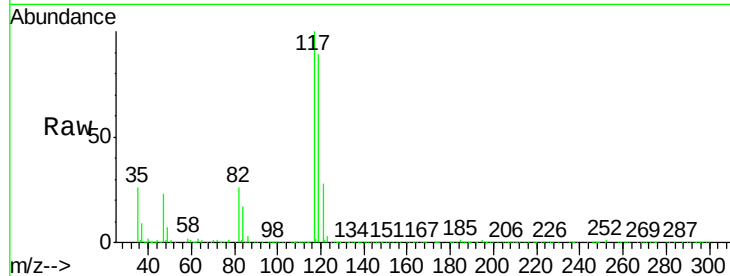


#31

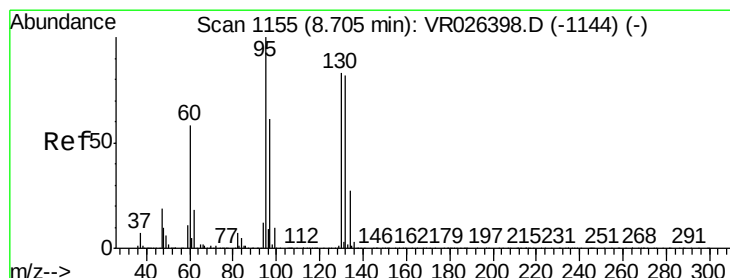
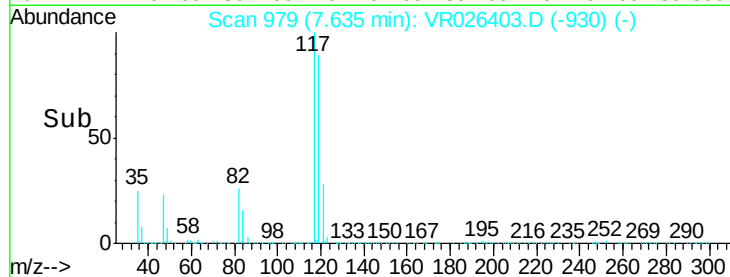
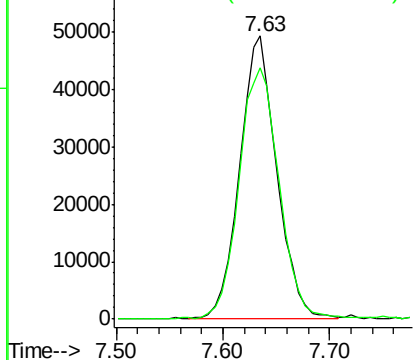
Carbon tetrachloride
Concen: 2.210 ug/L
RT: 7.63 min Scan# 979
Delta R.T. 0.00 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Instrument :
MSVOA_R
ClientSampled :
C09L7

Tot Ion:117 Resp: 120361
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



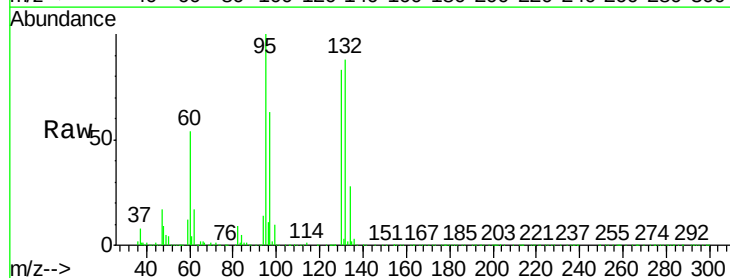
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



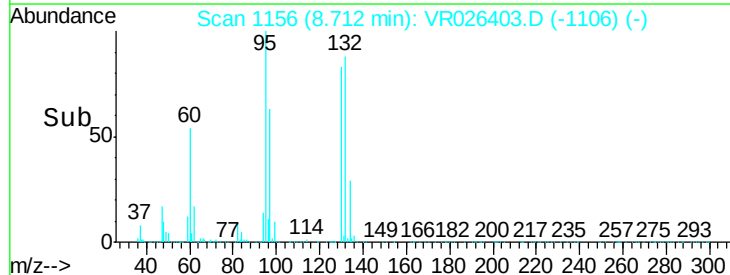
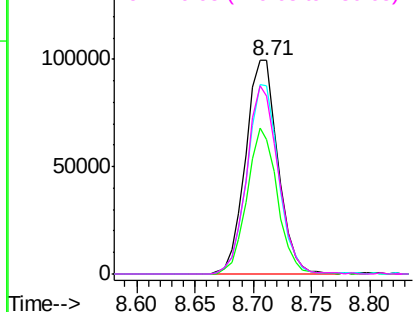
#34

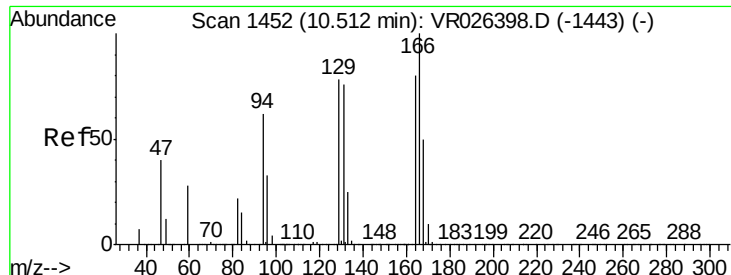
Trichloroethene
Concen: 4.923 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.01 min
Lab File: VR026403.D
Acq: 27 Feb 2019 14:34

Tgt Ion: 95 Resp: 192432
Ion Ratio Lower Upper
95 100
97 62.7 43.5 80.7
132 88.4 58.6 108.8
130 83.2 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





#47

Tetrachloroethene

Concen: 0.897 ug/L

RT: 10.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VR026403.D

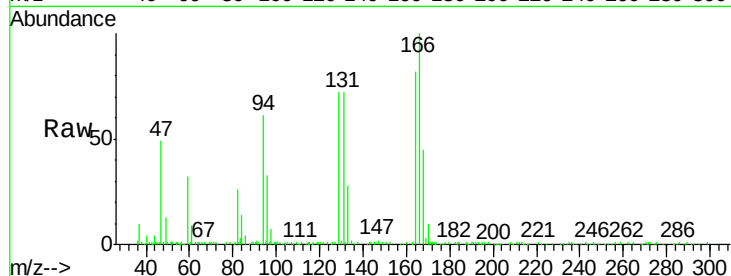
Acq: 27 Feb 2019 14:34

Instrument :

MSVOA_R

ClientSampleId :

C09L7



Tot Ion:164 Resp: 25426

Ion Ratio Lower Upper

164 100

129 87.6 67.2 124.8

131 88.1 67.3 125.1

166 121.8 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

