

Data File : VR026297.D
Acq On : 24 Dec 2018 12:19
Operator : SY/MD
Sample : J6468-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0JG0

Quant Time: Dec 24 22:53:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Dec 24 22:50:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	559611	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	433279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	139143	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	184314	5.18	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.60%
7) Chloroethane-d5	2.63	69	195609	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	3.61	63	371182	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	6.58	46	182781	57.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.60%
24) Chloroform-d	7.20	84	375600	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.90	65	144700	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	7.85	84	763035	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
36) 1,2-Dichloropropane-d6	8.89	67	184397	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	9.97	98	658246	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	10.23	79	42292	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	10.59	63	104379	53.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.76%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66308	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	122936	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

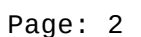
Target Compounds

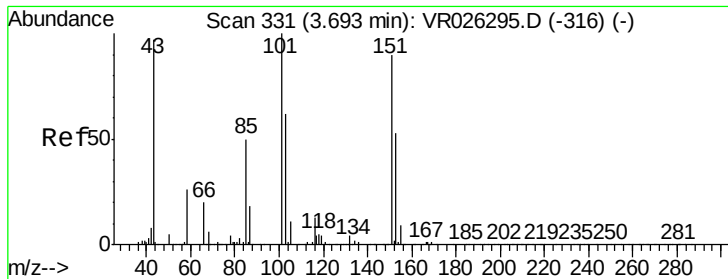
					Qvalue
13) Acetone	3.70	43	78849	24.476 ug/L	96
15) Methyl Acetate	4.21	43	1120	0.130 ug/L #	89
21) 2-Butanone	6.69	43	9610	2.515 ug/L	95
30) Cyclohexane	7.52	56	244455	3.887 ug/L	100
34) Trichloroethene	8.46	95	17688	0.393 ug/L #	9
35) Methylcyclohexane	8.90	83	44191	0.678 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23384	0.670 ug/L #	91
38) Bromodichloromethane	9.30	83	5083	0.128 ug/L #	1
44) trans-1,3-Dichloropropene	10.24	75	2784	0.102 ug/L	98

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

ALS Vial : 4 Sample Multiplier: 1

Response via : Initial Calibration





#13

Acetone

Concen: 24.476 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

Lab File: VR026297.D

Acq: 24 Dec 2018 12:19

Instrument :

MSVOA_R

ClientSampled :

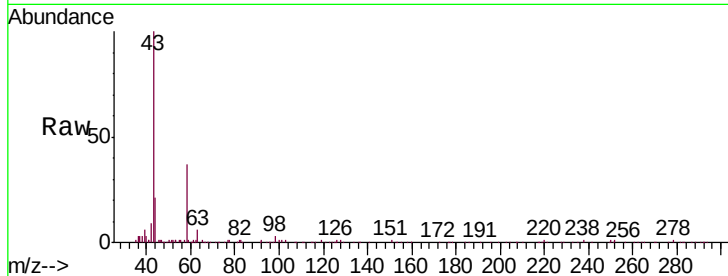
C0JG0

Tgt Ion: 43 Resp: 78849

Ion Ratio Lower Upper

43 100

58 28.1 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

25000

20000

15000

10000

5000

0

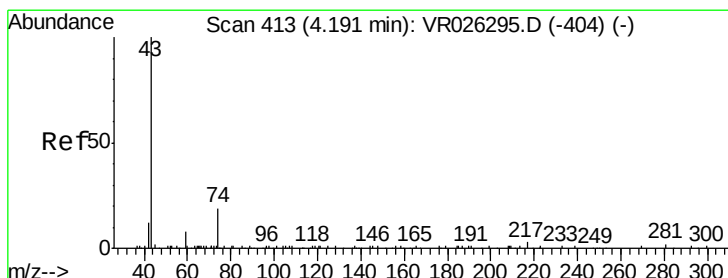
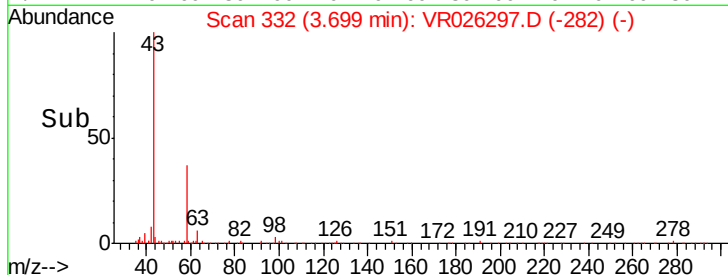
3.60

3.70

3.80

3.90

Time-->



#15

Methyl Acetate

Concen: 0.130 ug/L

RT: 4.21 min Scan# 416

Delta R.T. 0.02 min

Lab File: VR026297.D

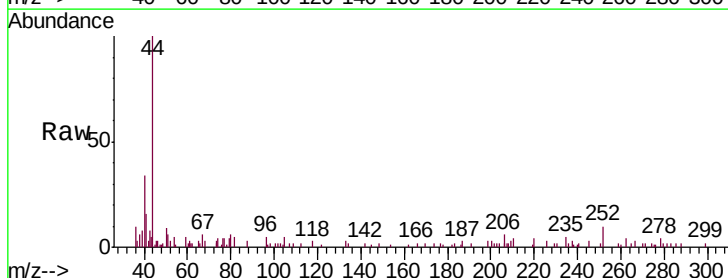
Acq: 24 Dec 2018 12:19

Tgt Ion: 43 Resp: 1120

Ion Ratio Lower Upper

43 100

74 28.3 18.4 27.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0

600

500

400

300

200

100

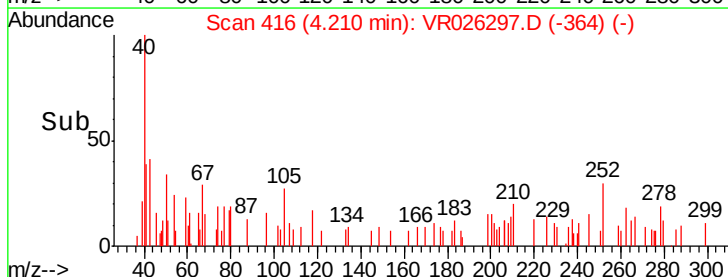
0

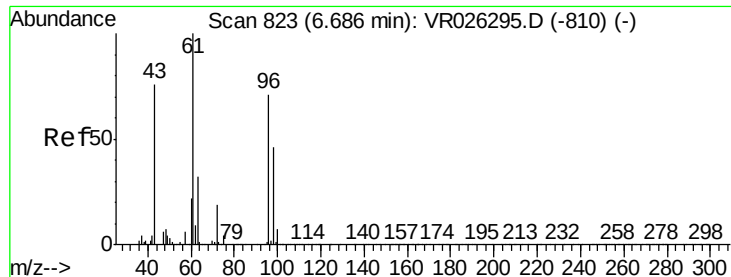
4.15

4.20

4.25

Time-->





#21

2-Butanone

Concen: 2.515 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.01 min

Lab File: VR026297.D

Acq: 24 Dec 2018 12:19

Instrument :

MSVOA_R

ClientSampleId :

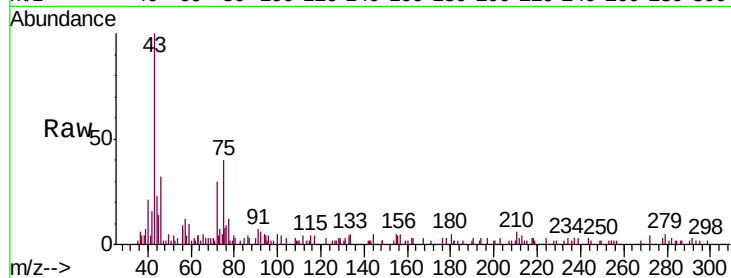
C0JG0

Tgt Ion: 43 Resp: 9610

Ion Ratio Lower Upper

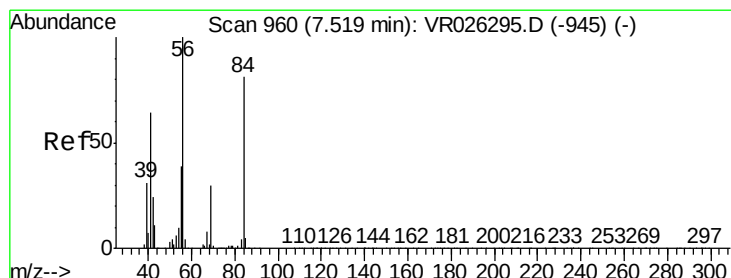
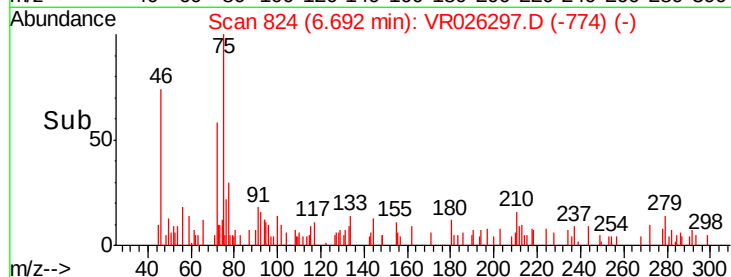
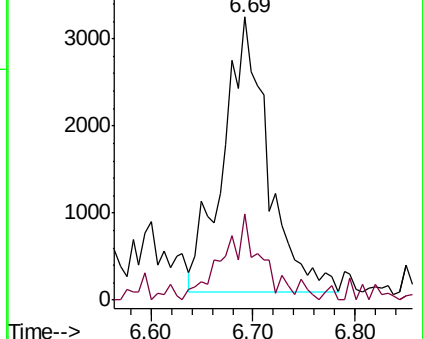
43 100

72 25.9 11.9 35.5



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#30

Cyclohexane

Concen: 3.887 ug/L

RT: 7.52 min Scan# 960

Delta R.T. 0.00 min

Lab File: VR026297.D

Acq: 24 Dec 2018 12:19

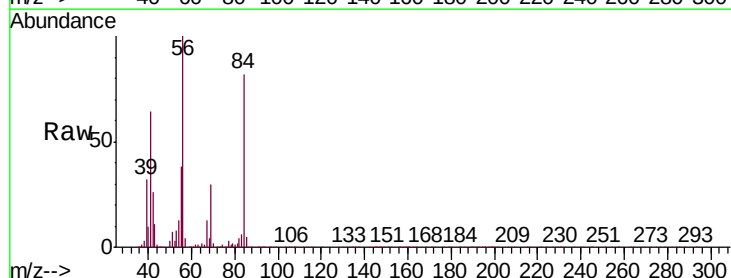
Tgt Ion: 56 Resp: 244455

Ion Ratio Lower Upper

56 100

69 30.4 24.0 36.0

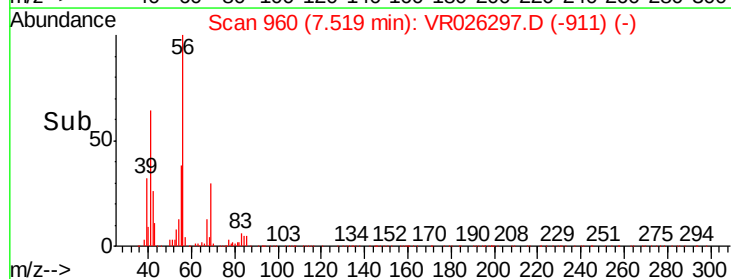
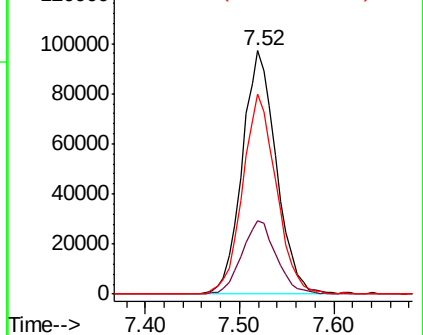
84 80.8 64.5 96.7

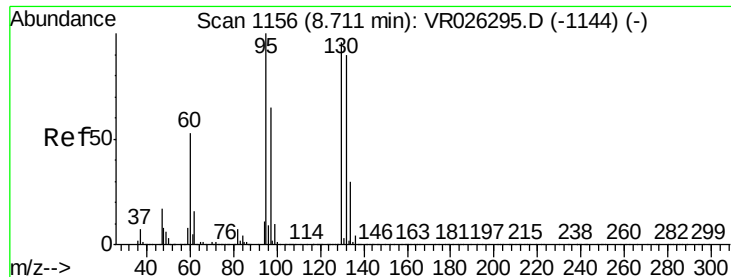


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#34

Trichloroethene

Concen: 0.393 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR026297.D

Acq: 24 Dec 2018 12:19

Instrument :

MSVOA_R

ClientSampleId :

C0JG0

Tgt Ion: 95 Resp: 17688

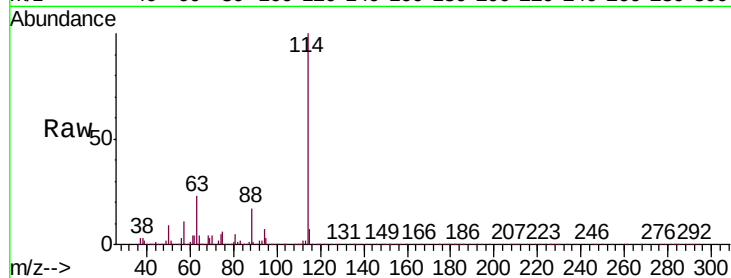
Ion Ratio Lower Upper

95 100

97 1.3 44.8 83.2#

132 0.0 61.7 114.5#

130 0.0 63.3 117.5#

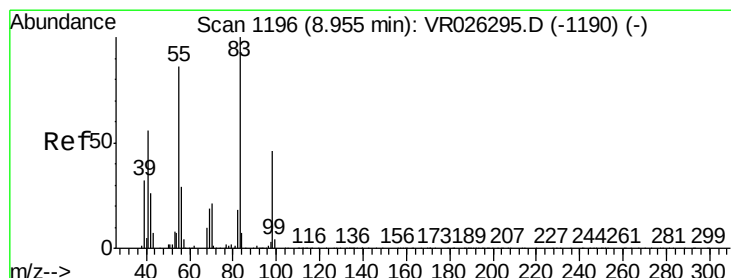
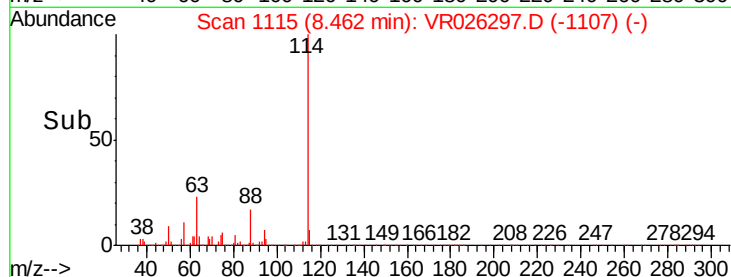
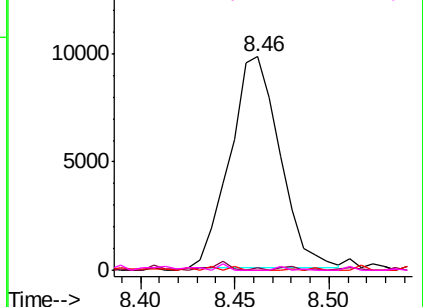


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.678 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026297.D

Acq: 24 Dec 2018 12:19

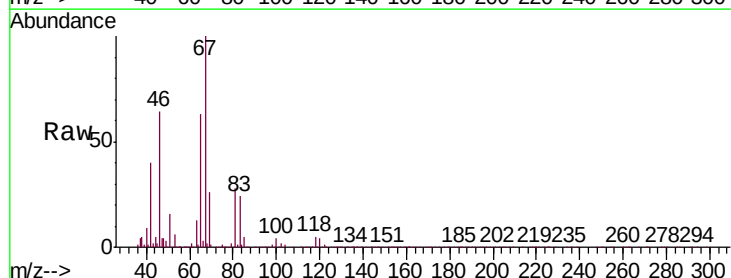
Tgt Ion: 83 Resp: 44191

Ion Ratio Lower Upper

83 100

55 1.3 66.6 99.8#

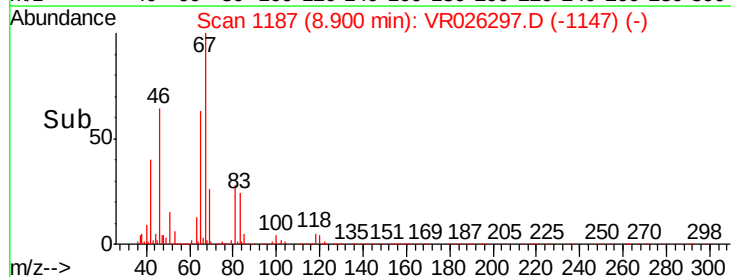
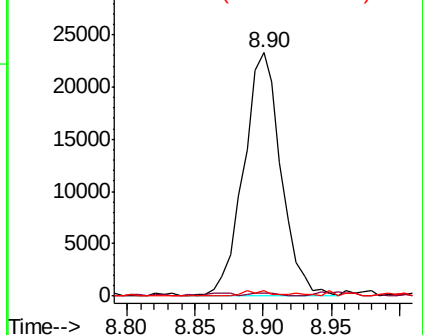
98 1.6 35.5 53.3#

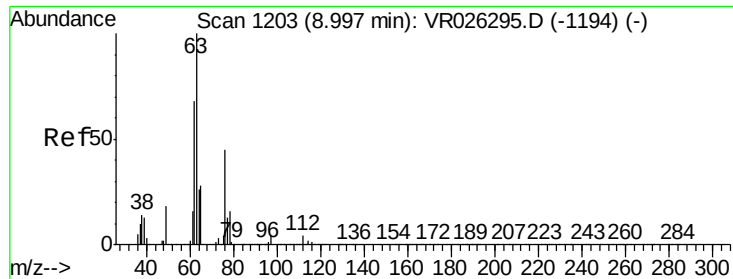


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

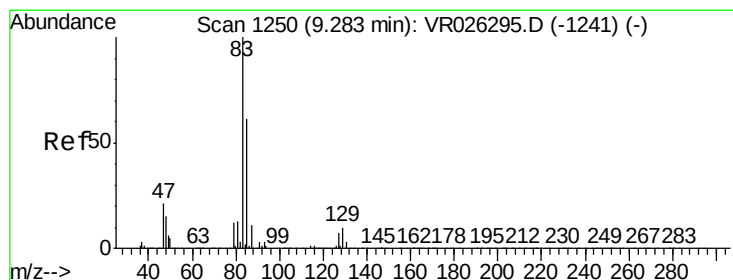
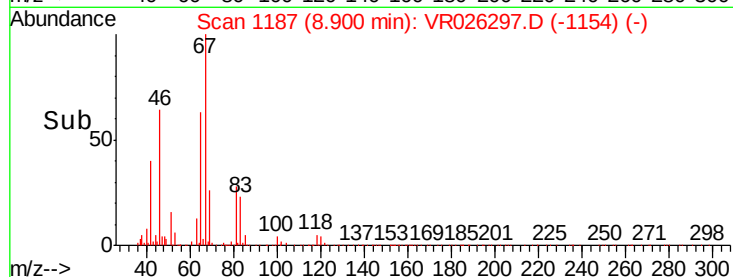
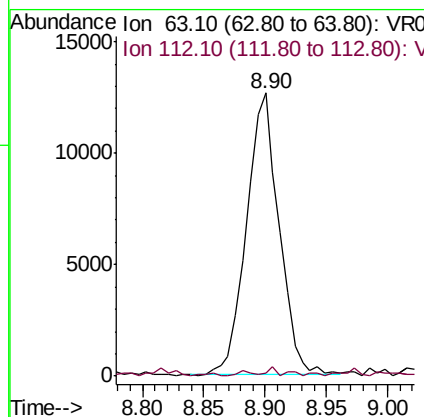
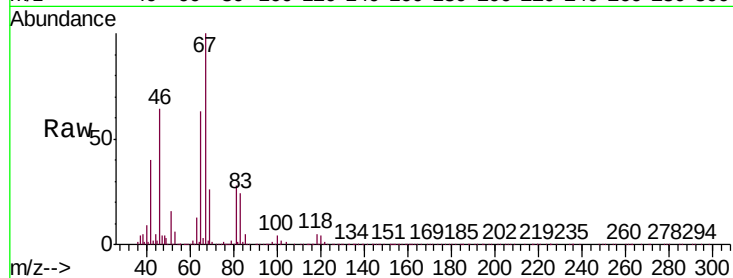




#37
 1,2-Dichloropropane
 Concen: 0.670 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.10 min
 Lab File: VR026297.D
 Acq: 24 Dec 2018 12:19

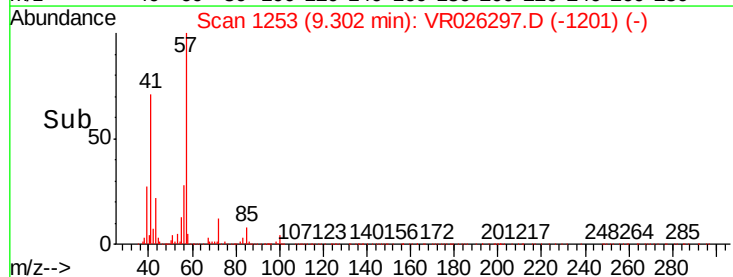
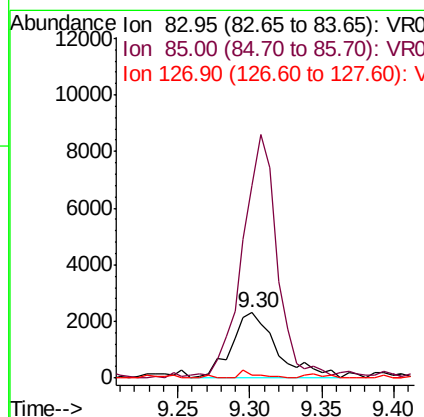
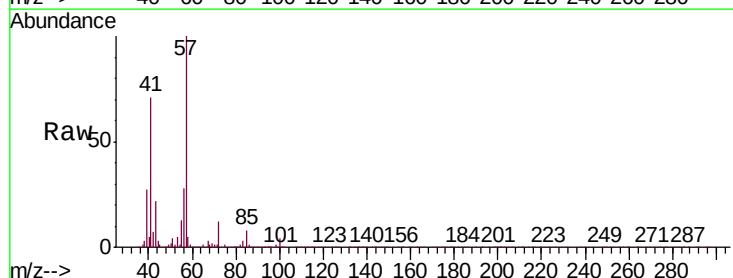
Instrument :
 MSVOA_R
 ClientSampleId :
 C0JG0

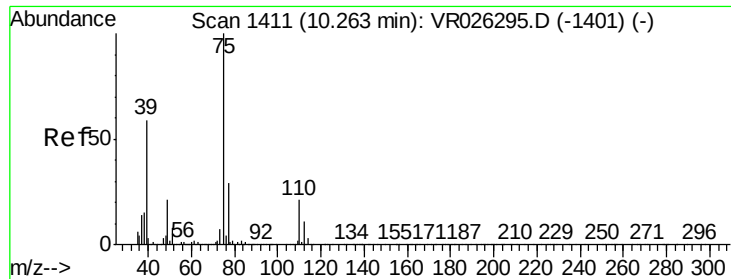
Tgt Ion: 63 Resp: 23384
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.0 4.6#



#38
 Bromodichloromethane
 Concen: 0.128 ug/L
 RT: 9.30 min Scan# 1253
 Delta R.T. 0.02 min
 Lab File: VR026297.D
 Acq: 24 Dec 2018 12:19

Tgt Ion: 83 Resp: 5083
 Ion Ratio Lower Upper
 83 100
 85 292.5 44.0 81.6#
 127 4.6 6.6 9.8#





#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026297.D

Acq: 24 Dec 2018 12:19

Instrument :

MSVOA_R

ClientSampleId :

C0JG0

Tgt Ion: 75 Resp: 2784

Ion Ratio Lower Upper

75 100

77 31.2 21.2 39.4

