

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026045.D
 Acq On : 11 Oct 2018 15:16
 Operator : SY/MD
 Sample : J5315-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 12 08:10:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	455049	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	389582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	133055	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	130388	3.63	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.60%
7) Chloroethane-d5	2.63	69	136131	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	3.64	63	241852	2.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.40%#
20) 2-Butanone-d5	6.59	46	241379	60.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.68%
24) Chloroform-d	7.20	84	279221	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	7.90	65	129681	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	7.85	84	494374	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.20%
36) 1,2-Dichloropropane-d6	8.90	67	149729	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	9.97	98	434459	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	10.24	79	31700	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	10.59	63	184533	61.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.02%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70058	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	97058	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

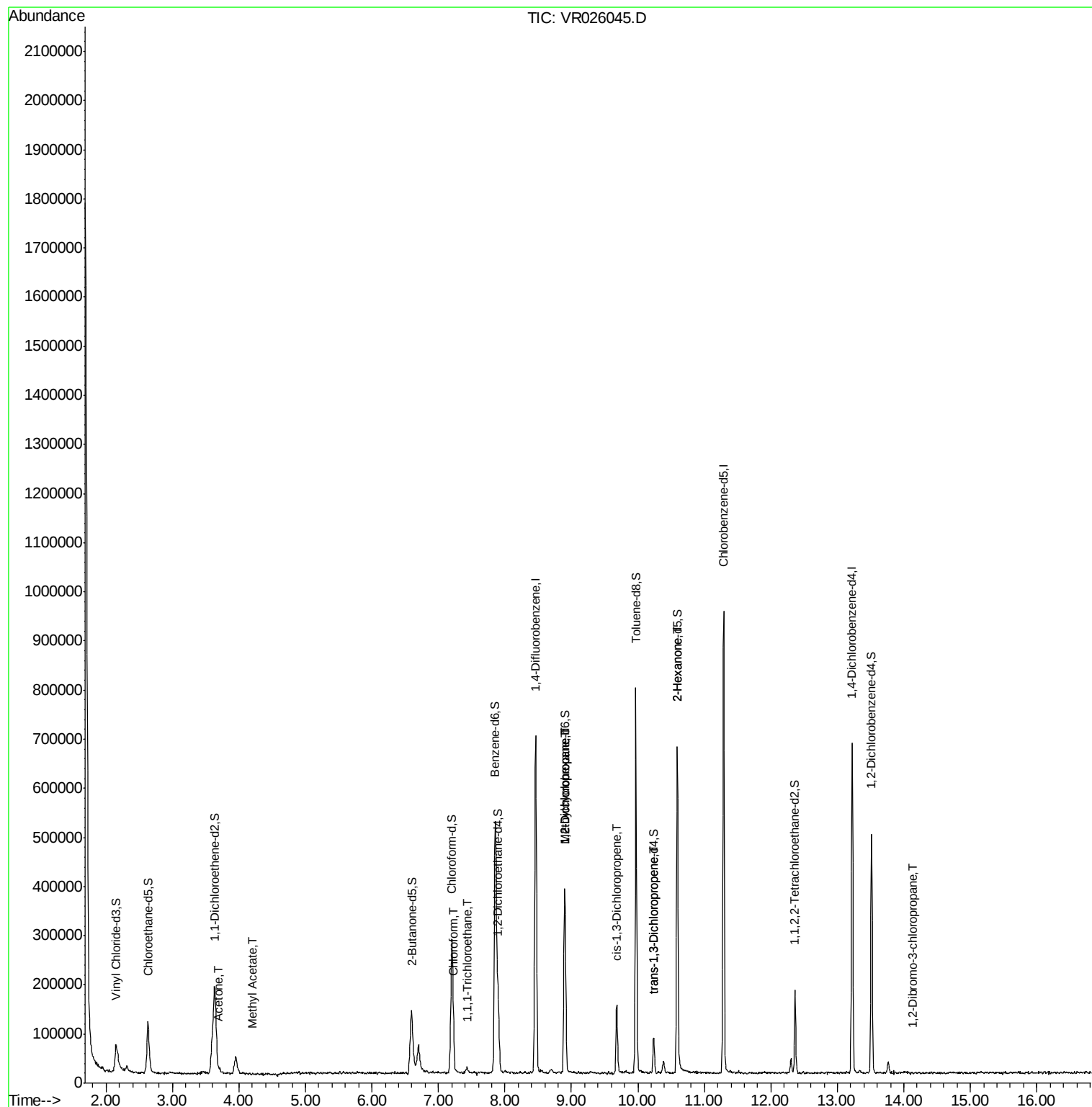
					Ovalue
13) Acetone	3.70	43	9089	3.135	ug/L 91
15) Methyl Acetate	4.20	43	726	0.090	ug/L # 83
25) Chloroform	7.23	83	8071	0.147	ug/L 92
29) 1,1,1-Trichloroethane	7.42	97	6785	0.155	ug/L 95
35) Methylcyclohexane	8.89	83	36714	0.709	ug/L # 15
37) 1,2-Dichloropropane	8.90	63	20071	0.716	ug/L # 93
39) cis-1,3-Dichloropropene	9.68	75	4847	0.154	ug/L 88
44) trans-1,3-Dichloropropene	10.24	75	2320	0.113	ug/L 95
48) 2-Hexanone	10.59	43	29070	4.504	ug/L # 69
66) 1,2-Dibromo-3-chloropropan	14.12	75	492	0.374	ug/L # 80

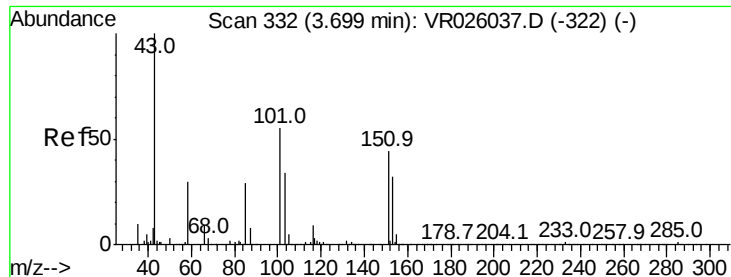
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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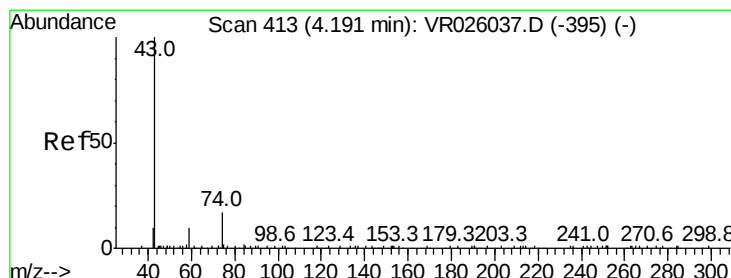
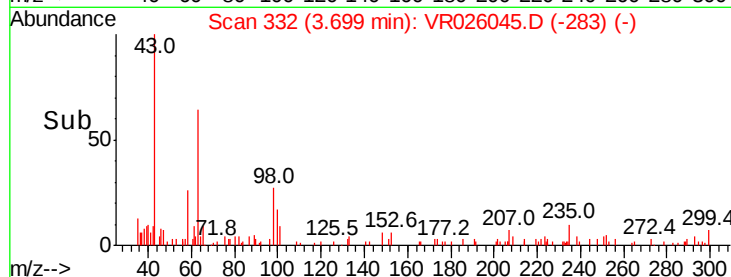
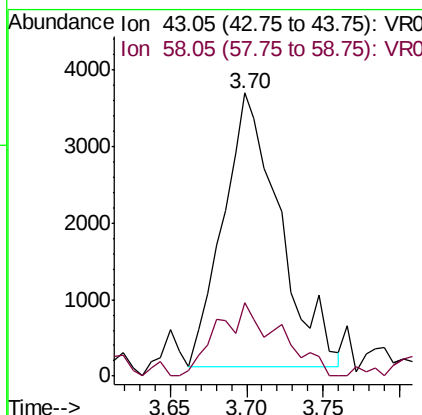
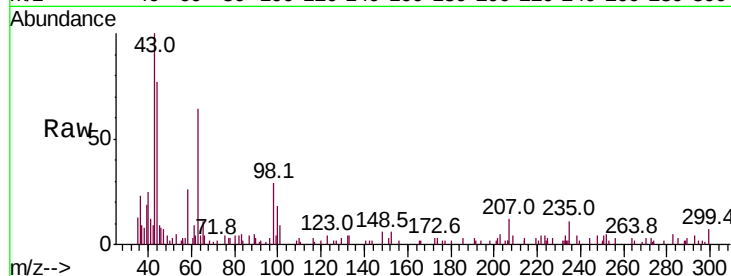




#13
Acetone
Concen: 3.135 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.00 min
Lab File: VR026045.D
Acq: 11 Oct 2018 15:16

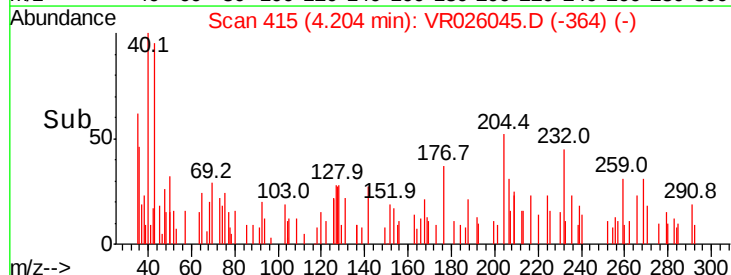
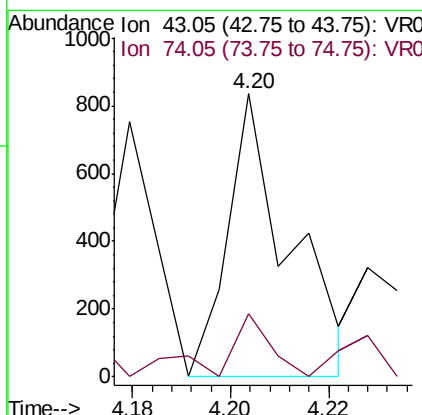
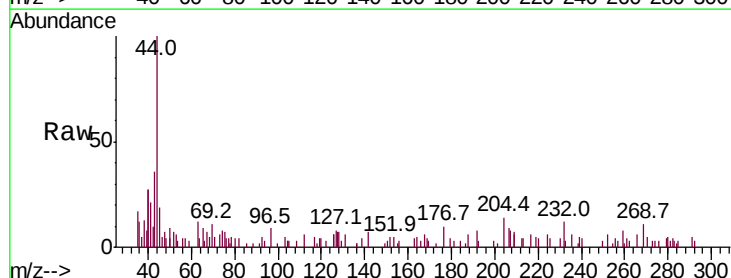
Instrument :
MSVOA_R
ClientSampleId :

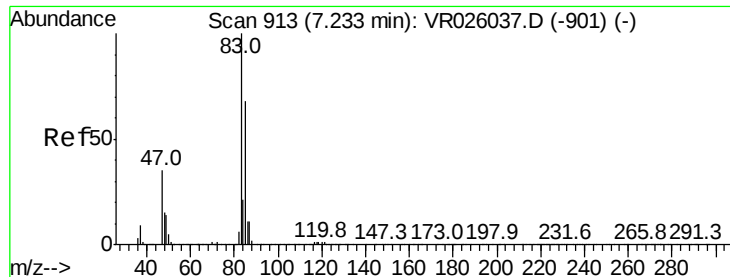
Tot Ion: 43 Resp: 9089
Ion Ratio Lower Upper
43 100
58 30.1 0.0 51.4



#15
Methyl Acetate
Concen: 0.090 ug/L
RT: 4.20 min Scan# 415
Delta R.T. 0.01 min
Lab File: VR026045.D
Acq: 11 Oct 2018 15:16

Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
74 15.6 19.0 28.4#





#25

Chloroform

Concen: 0.147 ug/L

RT: 7.23 min Scan# 913

Delta R.T. 0.00 min

Lab File: VR026045.D

Acq: 11 Oct 2018 15:16

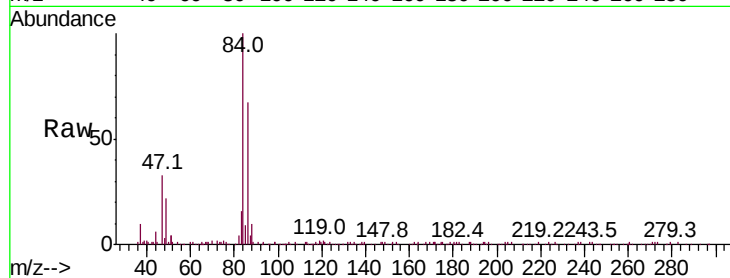
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 83 Resp: 8071

Ion Ratio Lower Upper

83 100

85 56.1 43.8 81.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

7.23

4000

3000

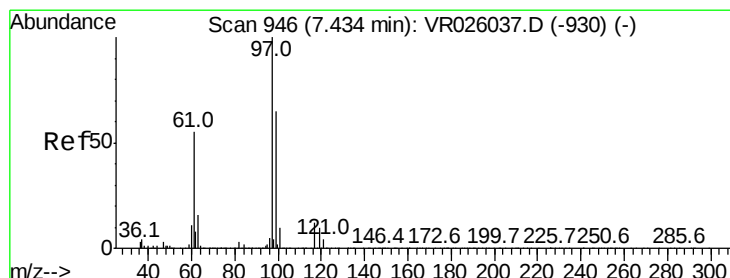
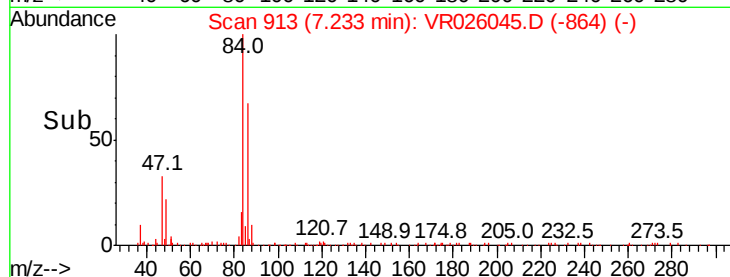
2000

1000

0

7.15 7.20 7.25 7.30

Time-->



#29

1,1,1-Trichloroethane

Concen: 0.155 ug/L

RT: 7.42 min Scan# 944

Delta R.T. -0.01 min

Lab File: VR026045.D

Acq: 11 Oct 2018 15:16

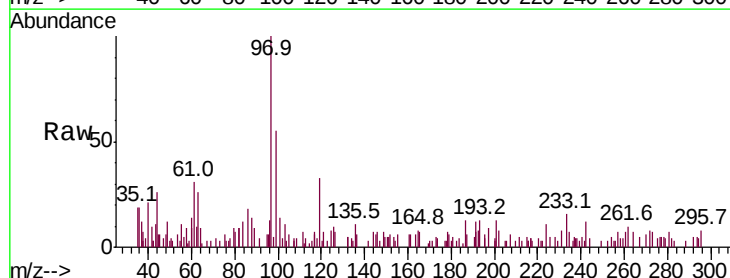
Tgt Ion: 97 Resp: 6785

Ion Ratio Lower Upper

97 100

99 63.9 51.0 76.6

61 59.2 41.6 62.4



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 61.05 (60.75 to 61.75): VR0

2500

2000

1500

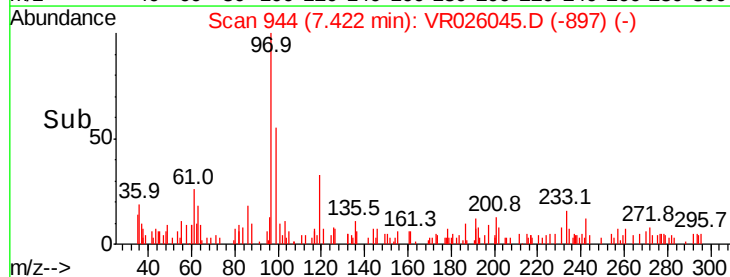
1000

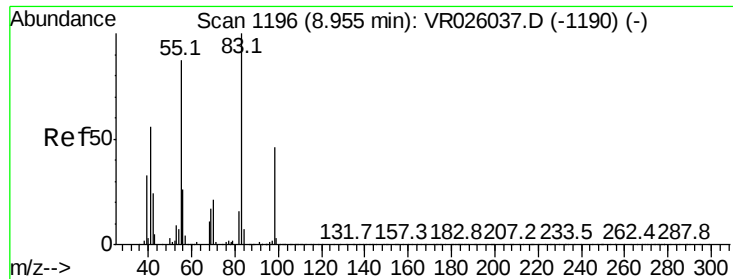
500

0

7.30 7.40 7.50

Time-->

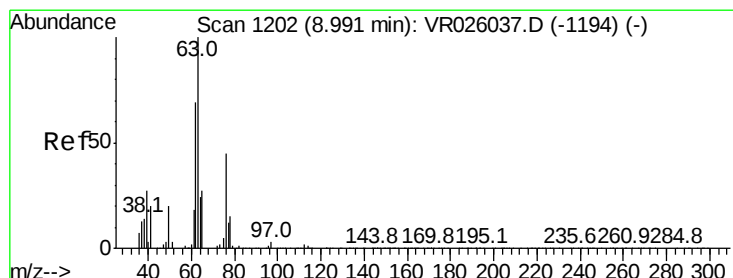
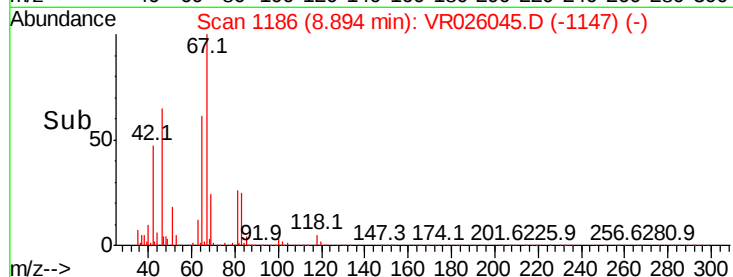
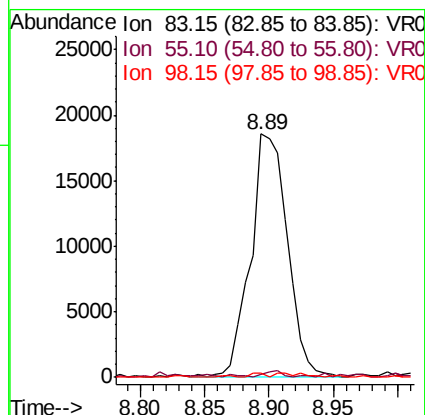
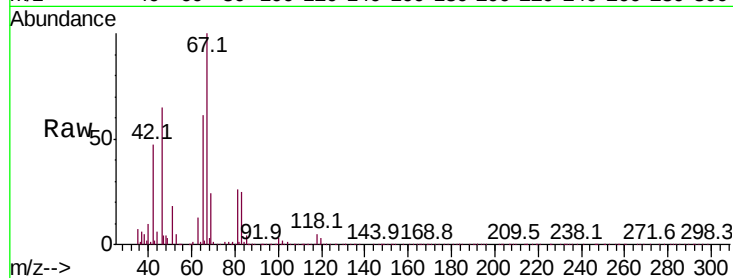




#35
Methvlcvclohexane
Concen: 0.709 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026045.D
Acq: 11 Oct 2018 15:16

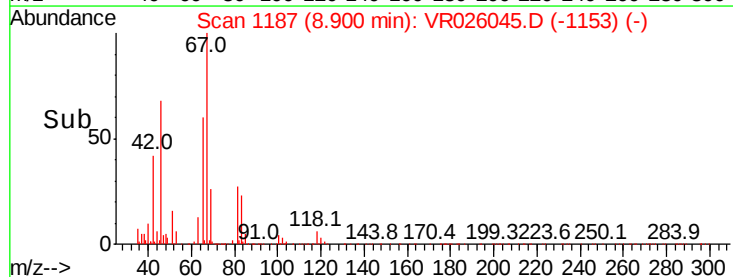
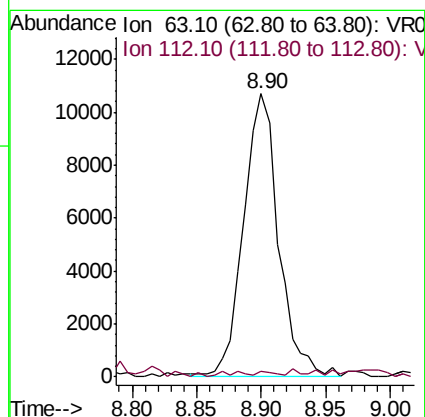
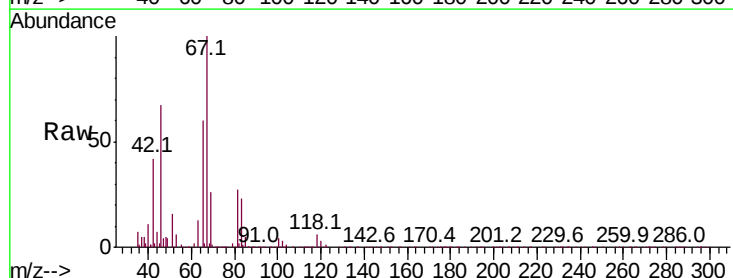
Instrument :
MSVOA_R
ClientSampleId :

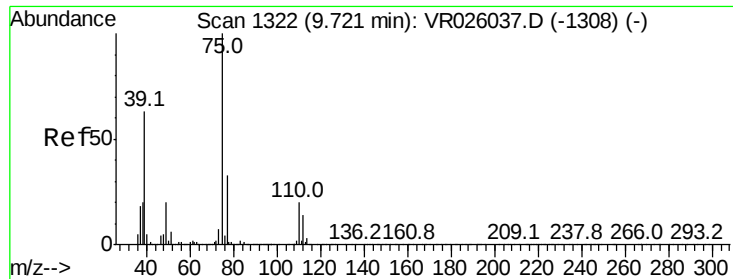
Tot Ion: 83 Resp: 36714
Ion Ratio Lower Upper
83 100
55 1.8 71.8 107.6#
98 0.6 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.716 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026045.D
Acq: 11 Oct 2018 15:16

Tgt Ion: 63 Resp: 20071
Ion Ratio Lower Upper
63 100
112 0.7 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.154 ug/L

RT: 9.68 min Scan# 1316

Delta R.T. -0.04 min

Lab File: VR026045.D

Acq: 11 Oct 2018 15:16

Instrument :

MSVOA_R

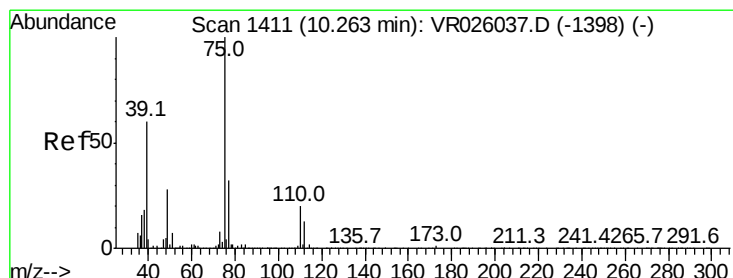
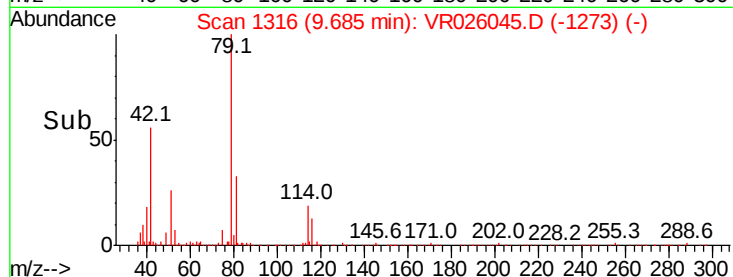
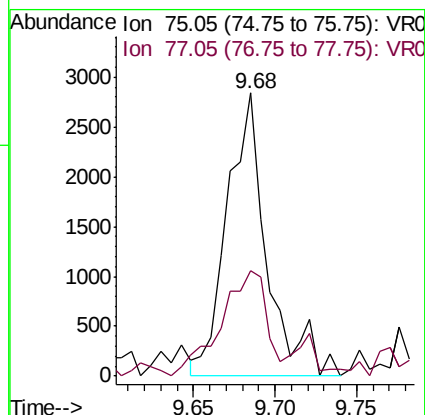
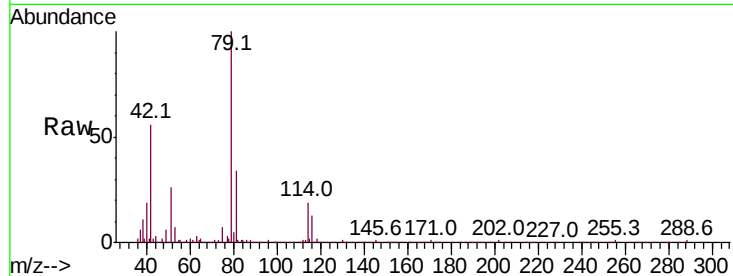
ClientSampled :

Tot Ion: 75 Resp: 4847

Ion Ratio Lower Upper

75 100

77 37.3 21.5 39.9



#44

trans-1,3-Dichloropropene

Concen: 0.113 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026045.D

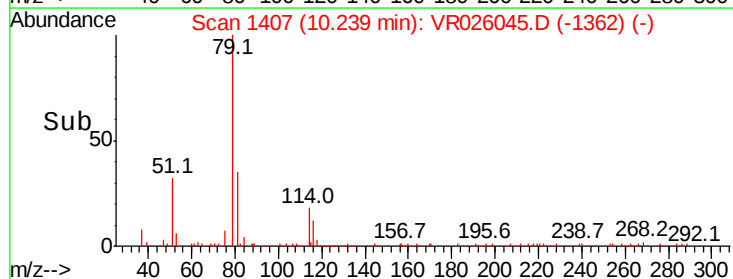
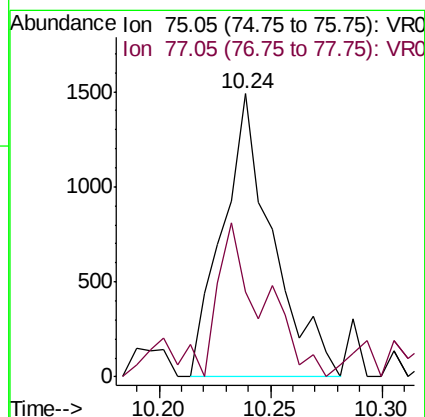
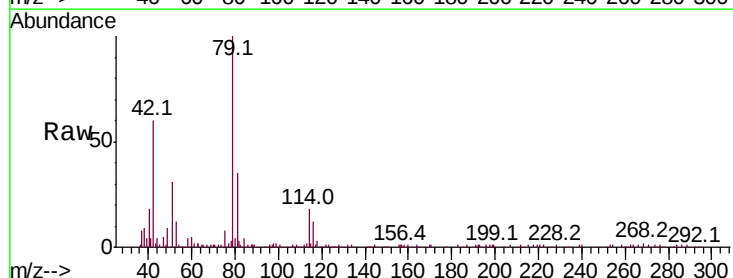
Acq: 11 Oct 2018 15:16

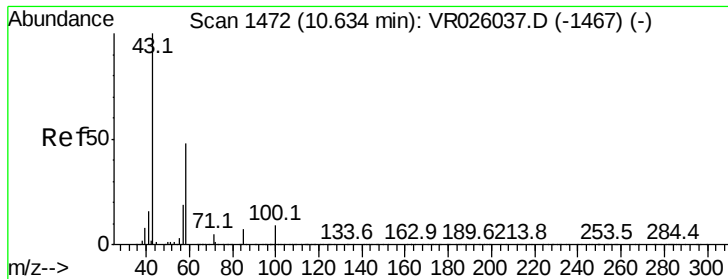
Tgt Ion: 75 Resp: 2320

Ion Ratio Lower Upper

75 100

77 29.9 23.0 42.8





#48

2-Hexanone

Concen: 4.504 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

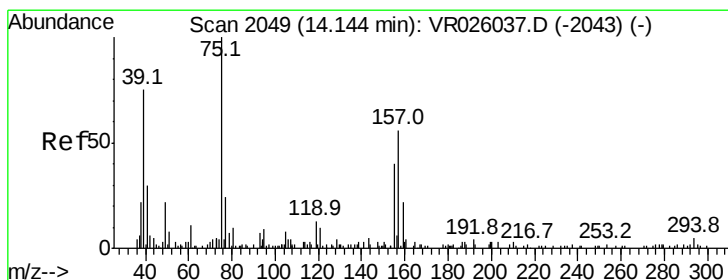
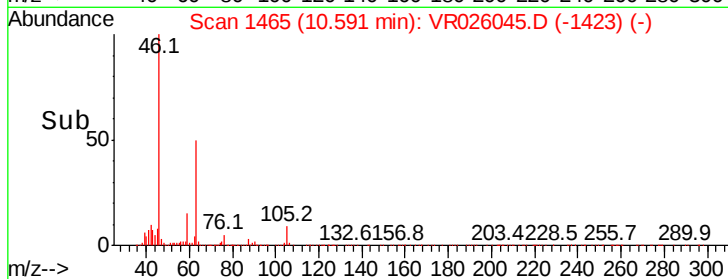
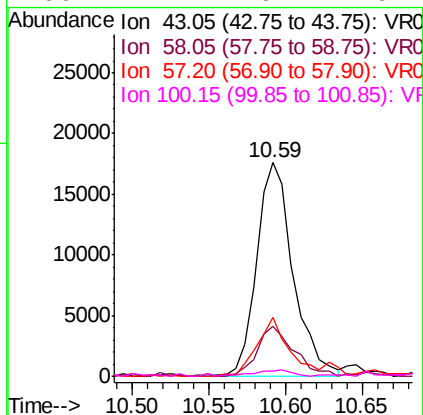
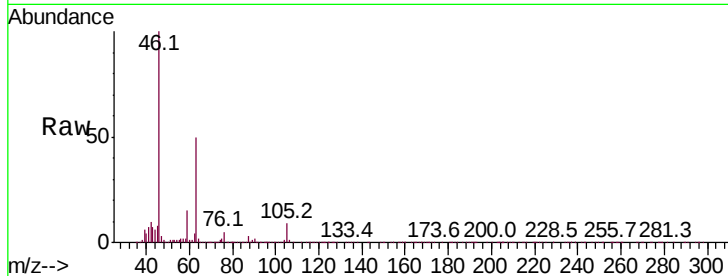
Lab File: VR026045.D

Acq: 11 Oct 2018 15:16

Instrument :
MSVOA_R
ClientSampled :

Tot Ion: 43 Resp: 29070

Ion	Ratio	Lower	Upper
43	100		
58	23.4	39.5	59.3#
57	26.9	14.6	21.8#
100	2.7	6.7	10.1#



#66

1,2-Dibromo-3-chloropropane

Concen: 0.374 ug/L

RT: 14.12 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VR026045.D

Acq: 11 Oct 2018 15:16

Tgt Ion: 75 Resp: 492

Ion	Ratio	Lower	Upper
75	100		
155	40.0	37.8	56.6
157	41.5	49.7	74.5#

