

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR122118\
 Data File : VR026285.D
 Acq On : 21 Dec 2018 17:20
 Operator : SY/MD
 Sample : J6468-22
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Dec 21 22:27:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR121718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 21 22:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	578477	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	461298	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	151464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	146582	3.98	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	2.63	69	151960	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	3.61	63	297549	2.86	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.20%#
20) 2-Butanone-d5	6.59	46	161440	49.38	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.76%
24) Chloroform-d	7.20	84	316911	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.60%
26) 1,2-Dichloroethane-d4	7.90	65	125869	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	7.86	84	632694	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	8.90	67	163194	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	9.97	98	547611	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	10.24	79	35948	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	96939	47.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	61347	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	107824	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

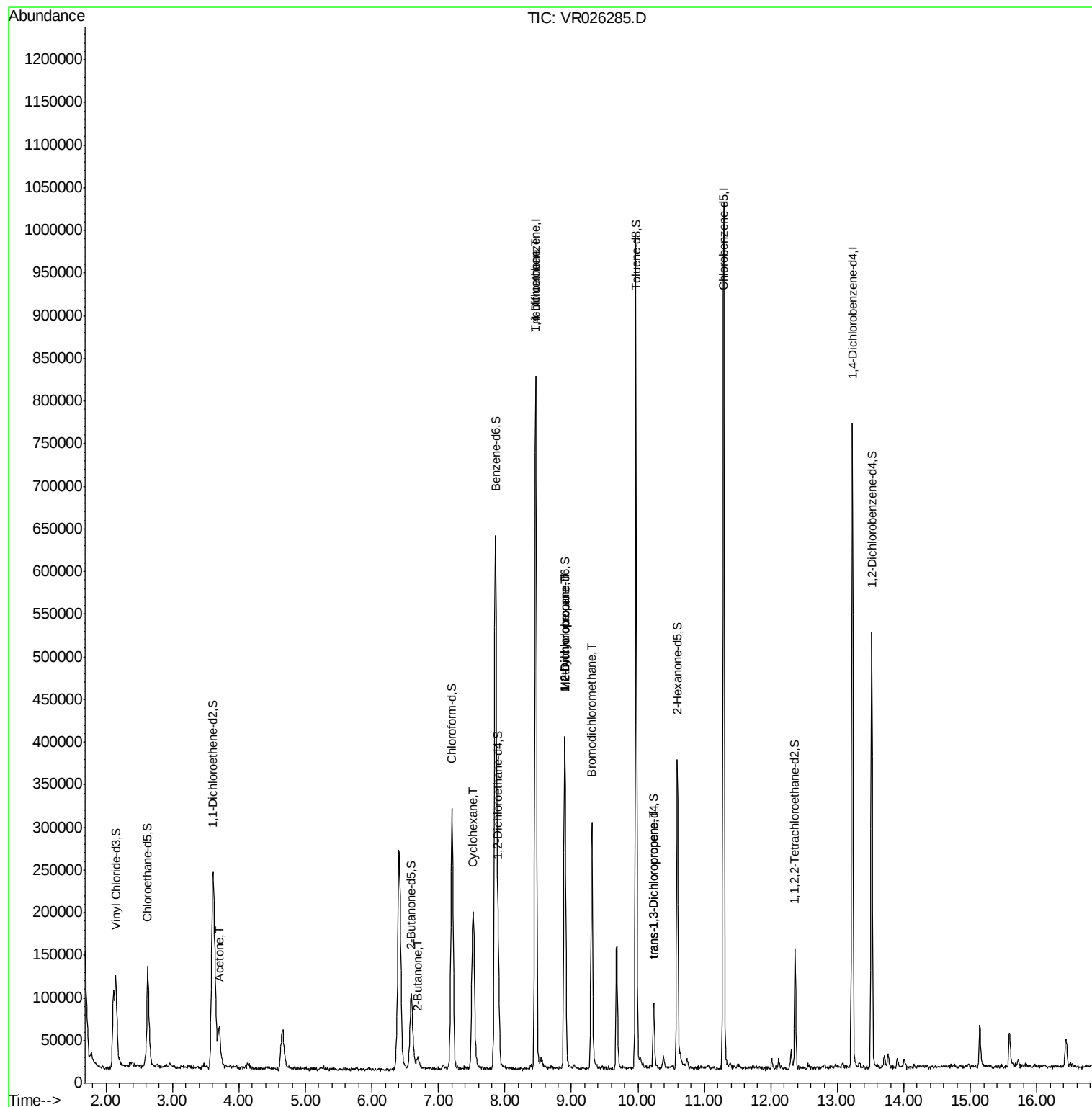
					Ovalue
13) Acetone	3.70	43	79468	23.864	ug/L 97
21) 2-Butanone	6.69	43	8626	2.184	ug/L 96
30) Cyclohexane	7.52	56	92604	1.383	ug/L 99
34) Trichloroethene	8.46	95	19120	0.399	ug/L # 9
35) Methylcyclohexane	8.90	83	39579	0.570	ug/L # 19
37) 1,2-Dichloropropane	8.90	63	19924	0.536	ug/L # 92
38) Bromodichloromethane	9.31	83	6129	0.145	ug/L # 1
44) trans-1,3-Dichloropropene	10.24	75	2595	0.089	ug/L 93

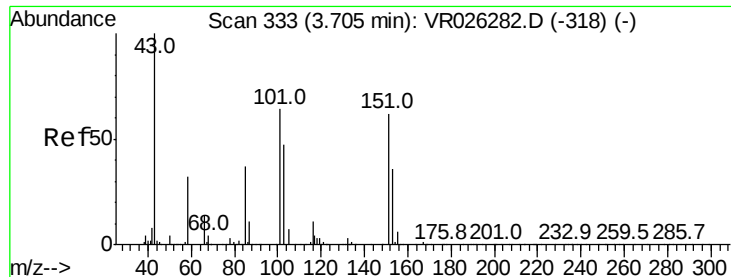
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 21 22:24:46 2018
Response via : Initial Calibration





#13

Acetone

Concen: 23.864 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.00 min

Lab File: VR026285.D

Acq: 21 Dec 2018 17:20

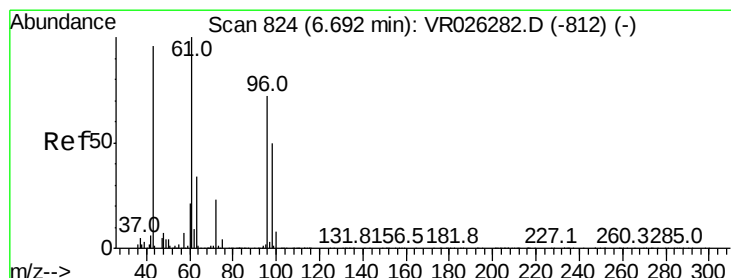
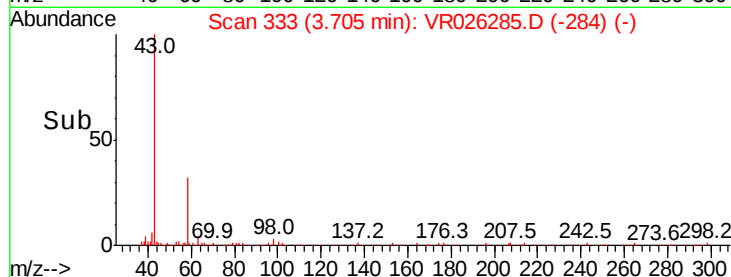
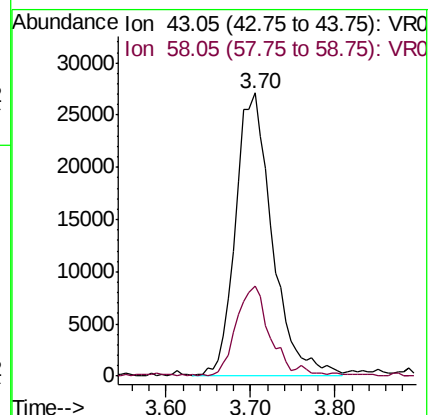
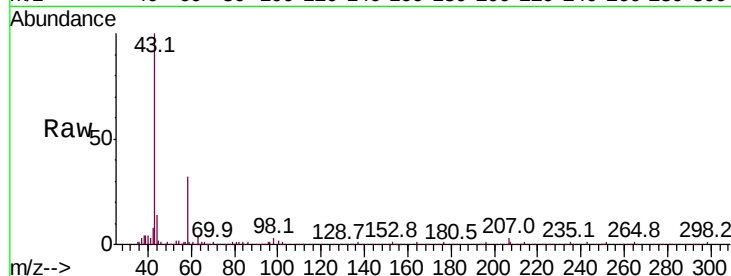
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 79468

Ion Ratio Lower Upper

43 100

58 28.6 0.0 60.8



#21

2-Butanone

Concen: 2.184 ug/L

RT: 6.69 min Scan# 824

Delta R.T. 0.00 min

Lab File: VR026285.D

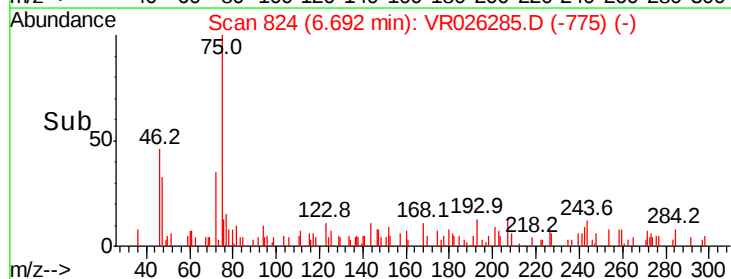
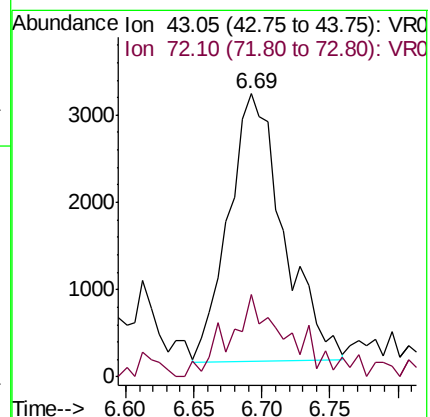
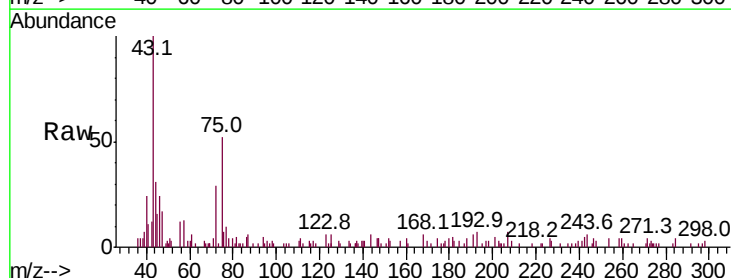
Acq: 21 Dec 2018 17:20

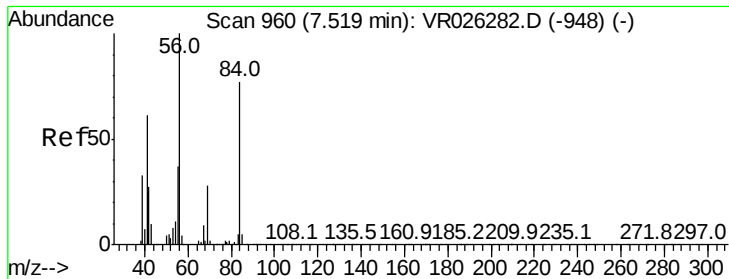
Tgt Ion: 43 Resp: 8626

Ion Ratio Lower Upper

43 100

72 25.9 11.9 35.5

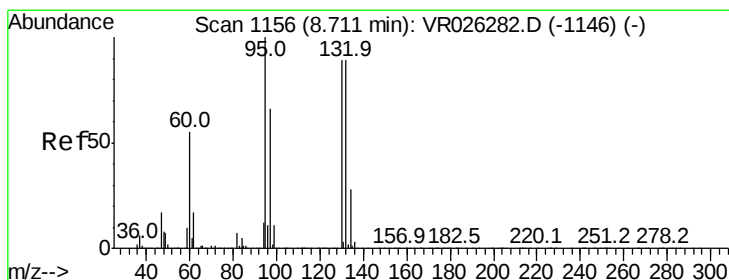
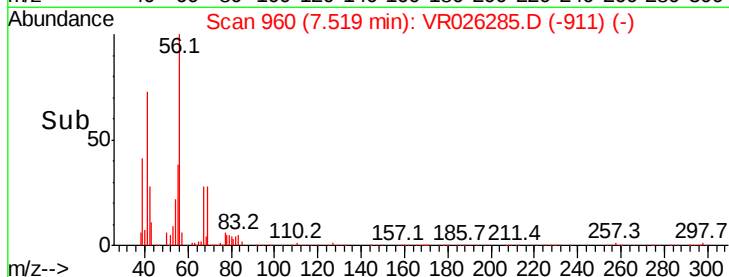
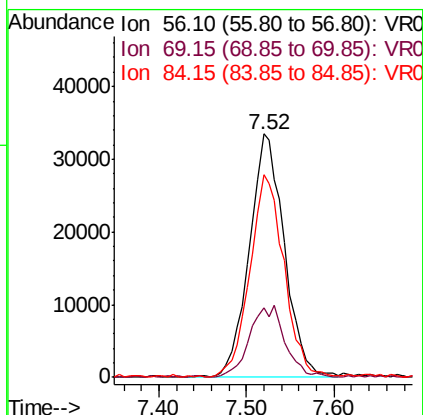
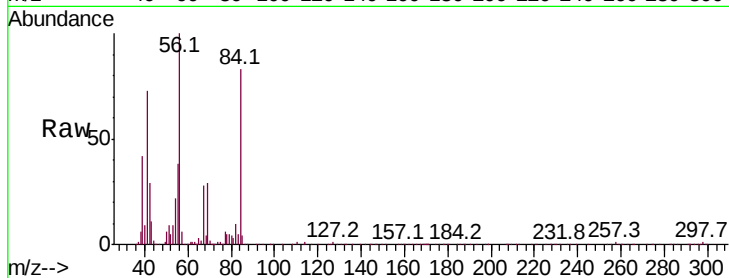




#30
Cyclohexane
Concen: 1.383 ug/L
RT: 7.52 min Scan# 960
Delta R.T. 0.00 min
Lab File: VR026285.D
Acq: 21 Dec 2018 17:20

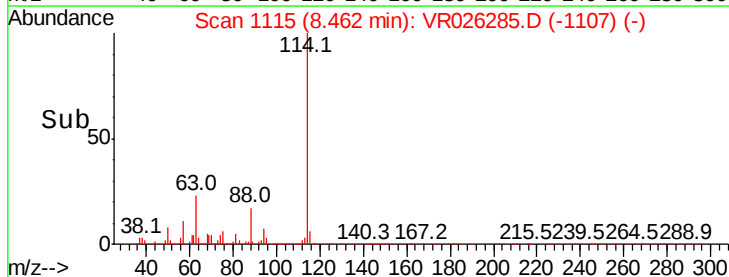
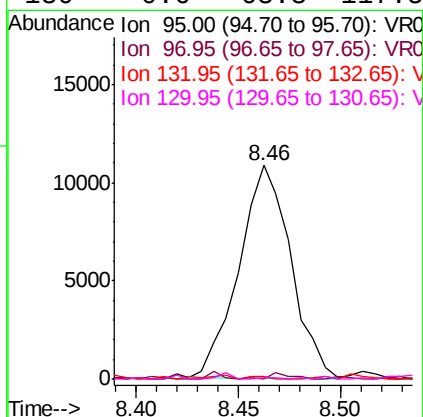
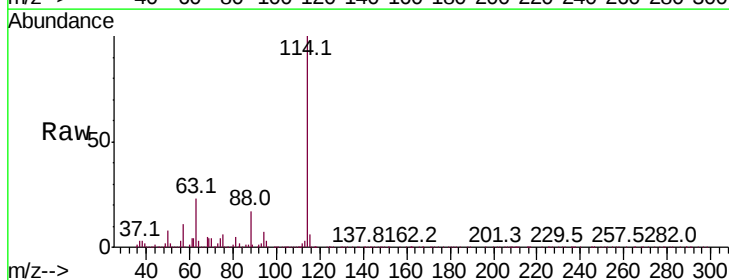
Instrument :
MSVOA_R
ClientSampleId :

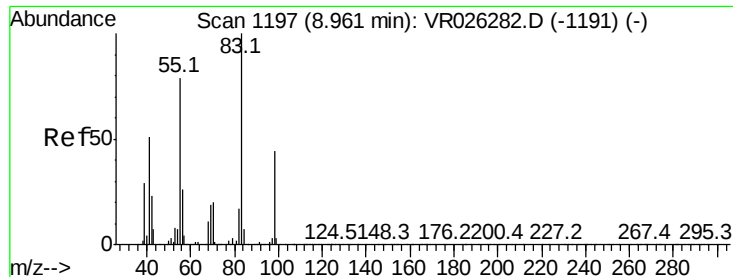
Tot Ion: 56 Resp: 92604
Ion Ratio Lower Upper
56 100
69 29.8 24.0 36.0
84 81.5 64.5 96.7



#34
Trichloroethene
Concen: 0.399 ug/L
RT: 8.46 min Scan# 1115
Delta R.T. -0.25 min
Lab File: VR026285.D
Acq: 21 Dec 2018 17:20

Tgt Ion: 95 Resp: 19120
Ion Ratio Lower Upper
95 100
97 0.0 44.8 83.2#
132 1.5 61.7 114.5#
130 0.6 63.3 117.5#

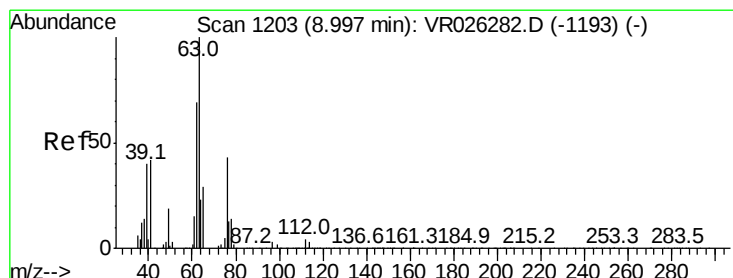
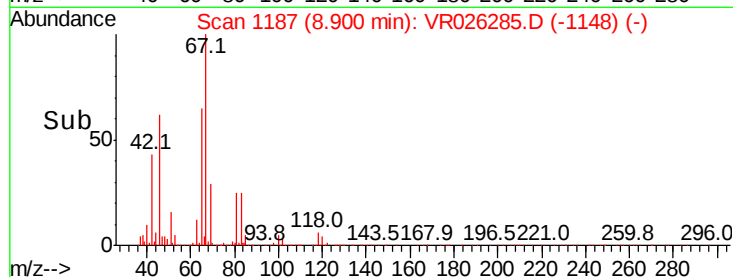
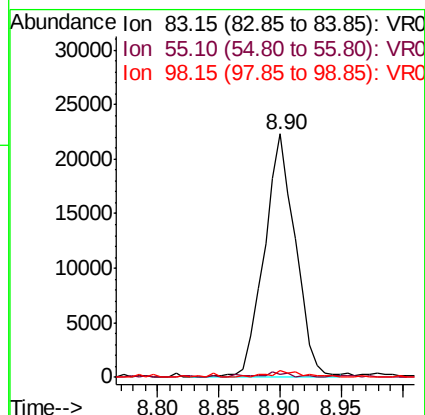
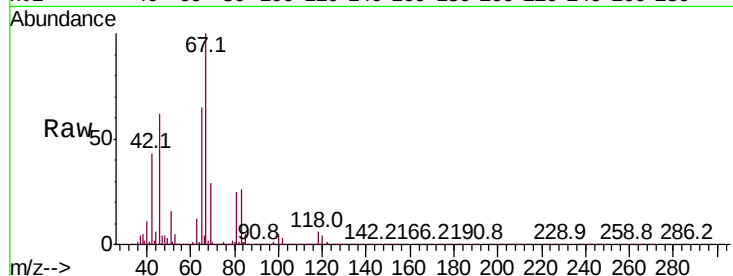




#35
Methvlcvclohexane
Concen: 0.570 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026285.D
Acq: 21 Dec 2018 17:20

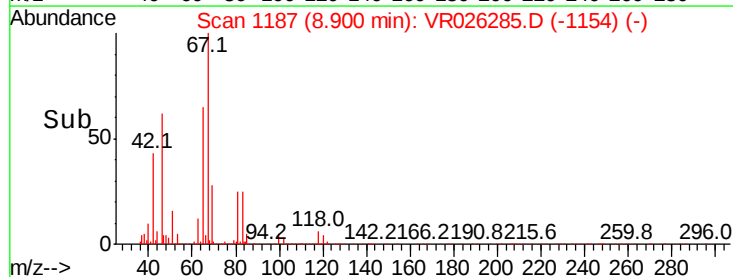
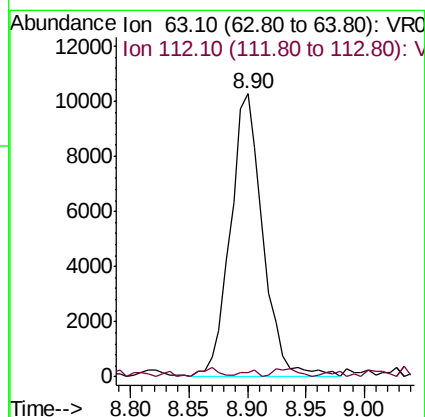
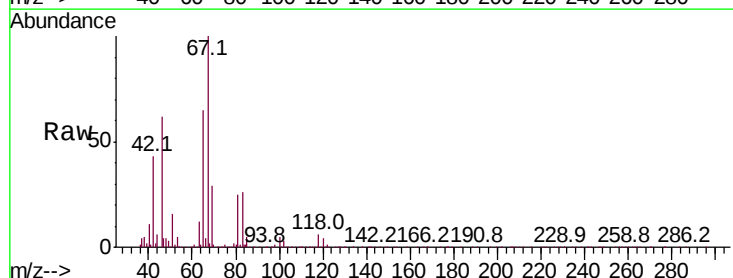
Instrument :
MSVOA_R
ClientSampleId :

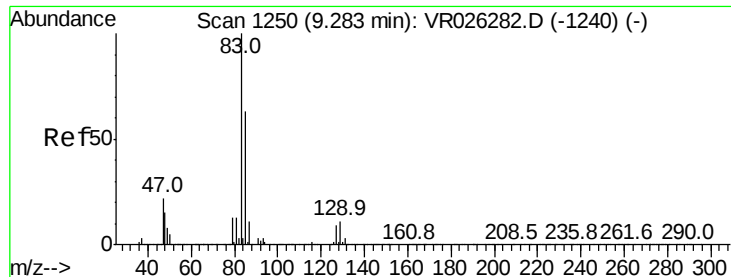
Tot Ion: 83 Resp: 39579
Ion Ratio Lower Upper
83 100
55 1.2 66.6 99.8#
98 3.3 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.536 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026285.D
Acq: 21 Dec 2018 17:20

Tgt Ion: 63 Resp: 19924
Ion Ratio Lower Upper
63 100
112 1.2 3.0 4.6#





#38

Bromodichloromethane

Concen: 0.145 ug/L

RT: 9.31 min Scan# 1254

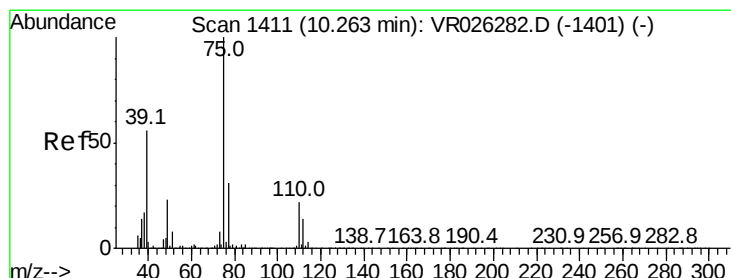
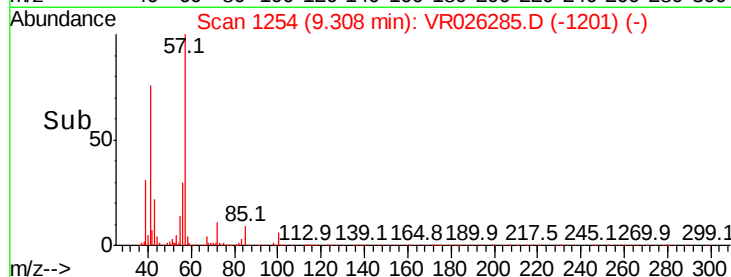
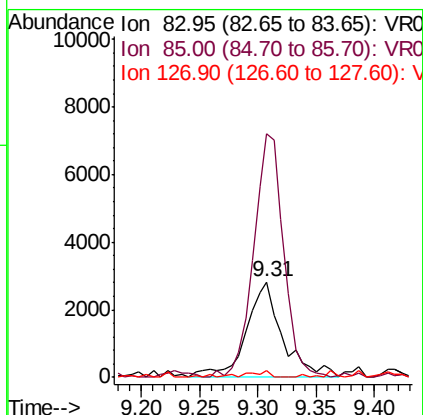
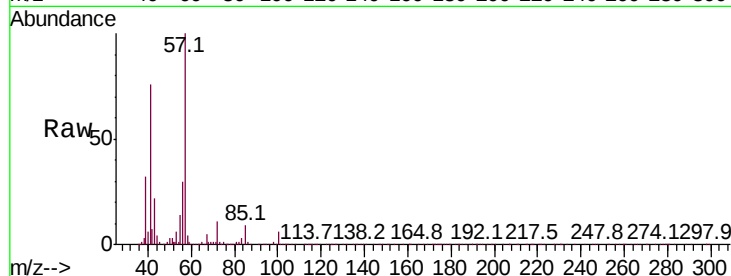
Delta R.T. 0.02 min

Lab File: VR026285.D

Acq: 21 Dec 2018 17:20

Instrument :
MSVOA_R
ClientSampled :

Tot Ion:	83	Resp:	6129
Ion	Ratio	Lower	Upper
83	100		
85	255.2	44.0	81.6#
127	6.8	6.6	9.8



#44

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026285.D

Acq: 21 Dec 2018 17:20

Tgt Ion:	75	Resp:	2595
Ion	Ratio	Lower	Upper
75	100		
77	34.0	21.2	39.4

