

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR122118\
 Data File : VR026287.D
 Acq On : 21 Dec 2018 18:26
 Operator : SY/MD
 Sample : J6535-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Dec 21 22:27:47 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	522461	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	433129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	141058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	141292	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	2.63	69	148943	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	3.61	63	291242	3.10	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	6.59	46	147109	49.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.64%
24) Chloroform-d	7.21	84	304275	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	7.90	65	121551	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	7.86	84	584658	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
36) 1,2-Dichloropropane-d6	8.90	67	160204	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	9.97	98	530592	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	10.24	79	35155	3.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.40%
46) 2-Hexanone-d5	10.59	63	99087	51.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62008	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	108408	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

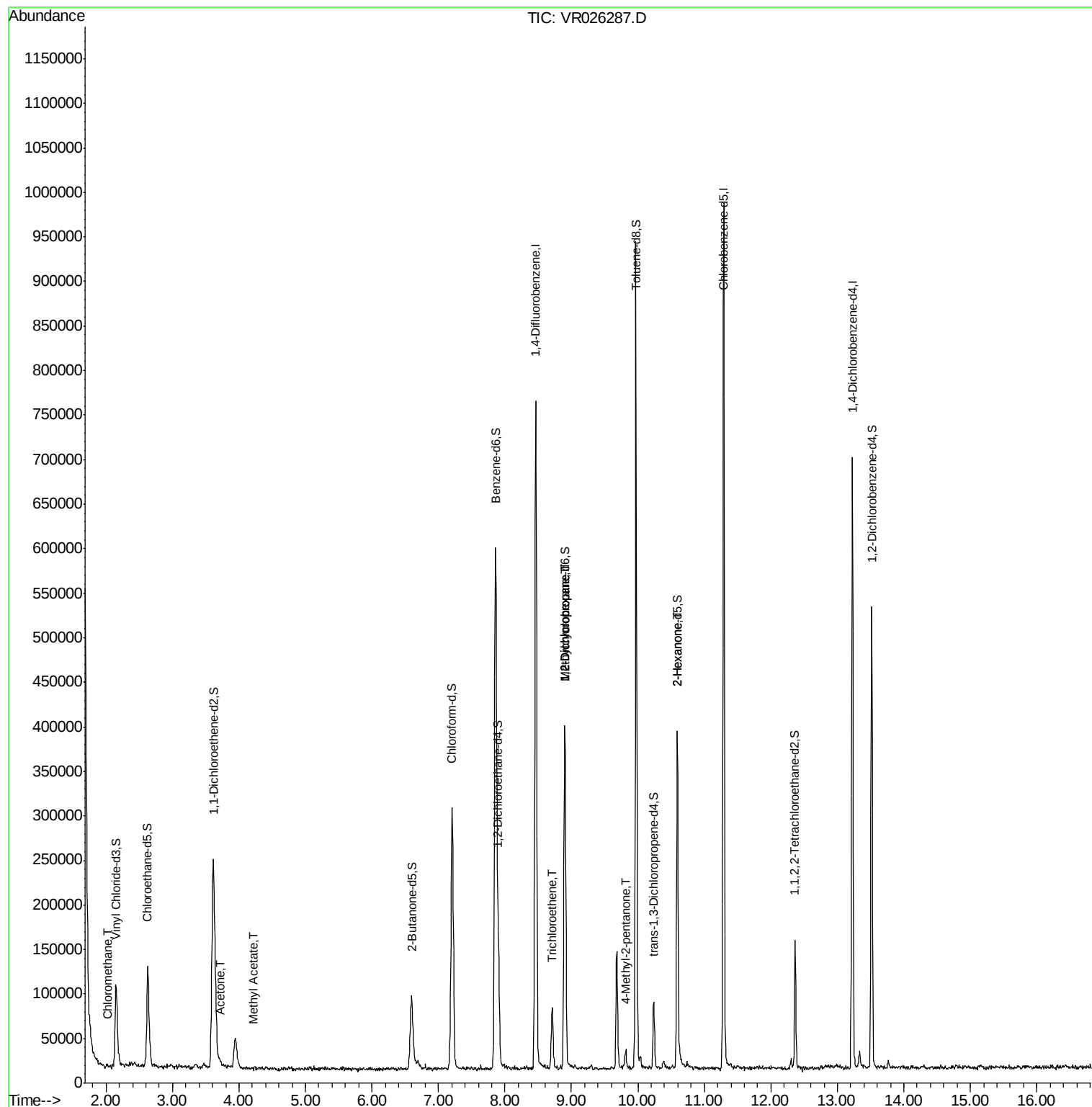
					Ovalue
3) Chloromethane	2.02	50	5925	0.114 ug/L	89
13) Acetone	3.72	43	12547	4.172 ug/L	95
15) Methyl Acetate	4.22	43	938	0.117 ug/L #	73
34) Trichloroethene	8.71	95	22426	0.499 ug/L	88
35) Methylcyclohexane	8.90	83	39340	0.604 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	20394	0.584 ug/L #	93
40) 4-Methyl-2-pentanone	9.81	43	8355	0.994 ug/L #	50
48) 2-Hexanone	10.59	43	15477	2.858 ug/L #	72

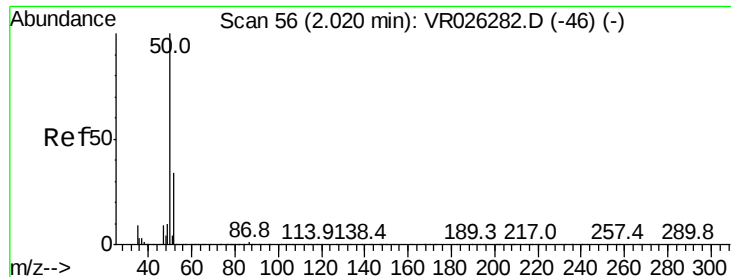
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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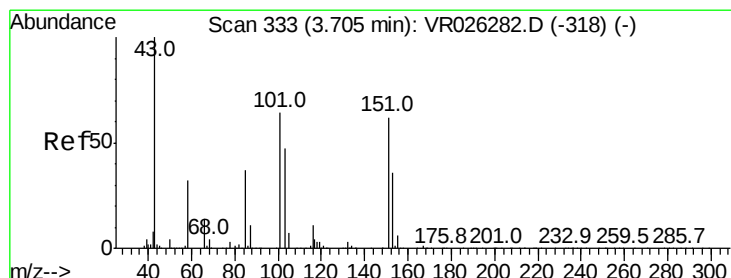
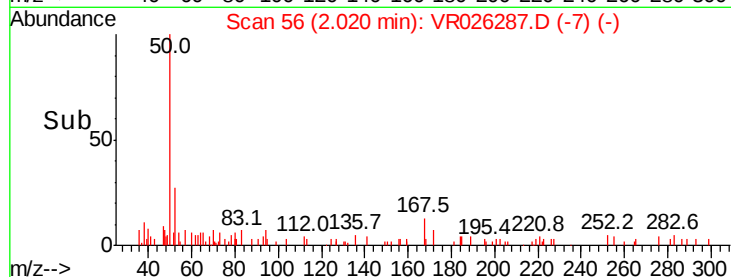
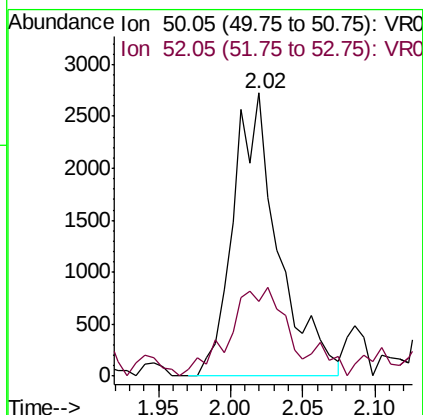
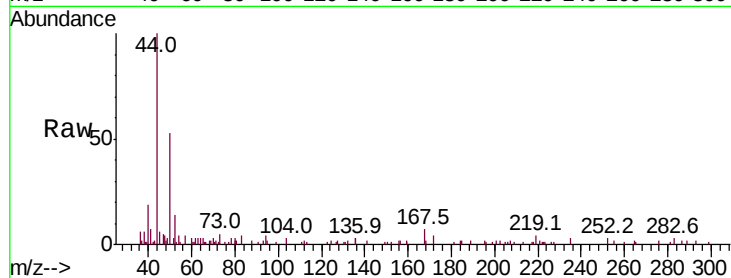




#3
Chloromethane
Concen: 0.114 ug/L
RT: 2.02 min Scan# 56
Delta R.T. 0.00 min
Lab File: VR026287.D
Acq: 21 Dec 2018 18:26

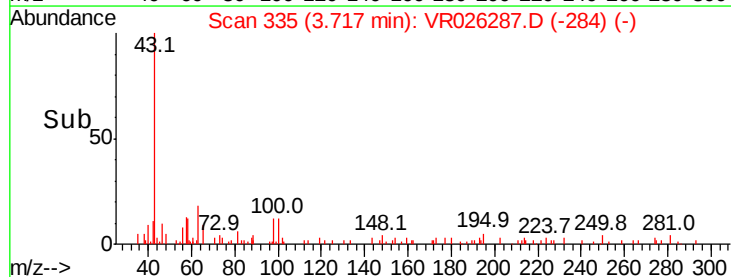
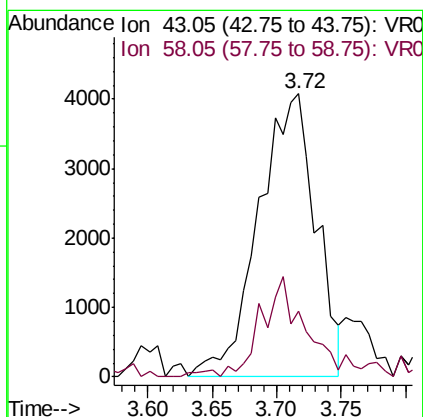
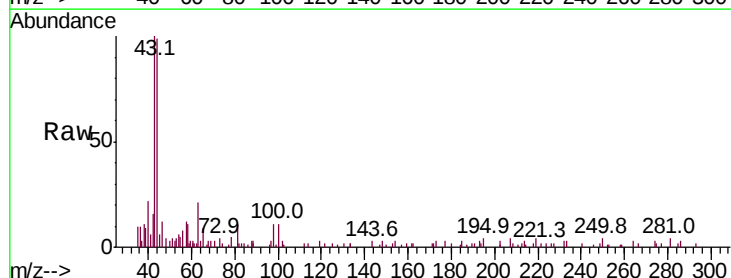
Instrument :
MSVOA_R
ClientSampleId :

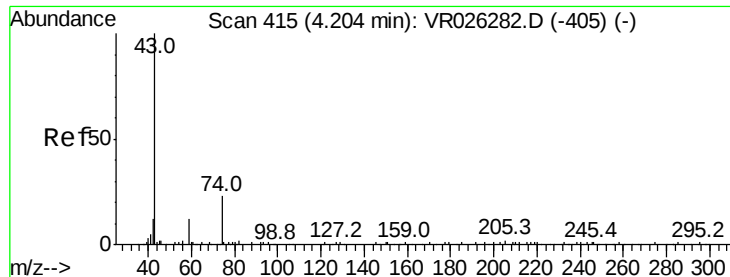
Tot Ion: 50 Resp: 5925
Ion Ratio Lower Upper
50 100
52 26.6 22.8 42.4



#13
Acetone
Concen: 4.172 ug/L
RT: 3.72 min Scan# 335
Delta R.T. 0.01 min
Lab File: VR026287.D
Acq: 21 Dec 2018 18:26

Tgt Ion: 43 Resp: 12547
Ion Ratio Lower Upper
43 100
58 27.7 0.0 60.8

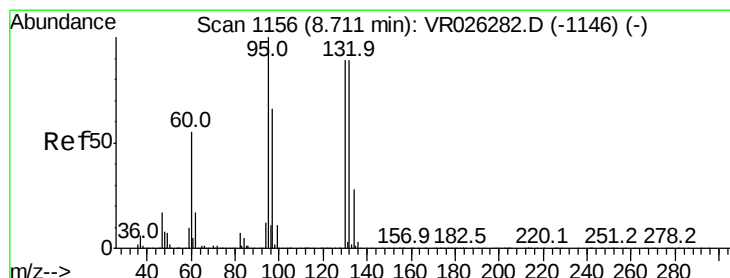
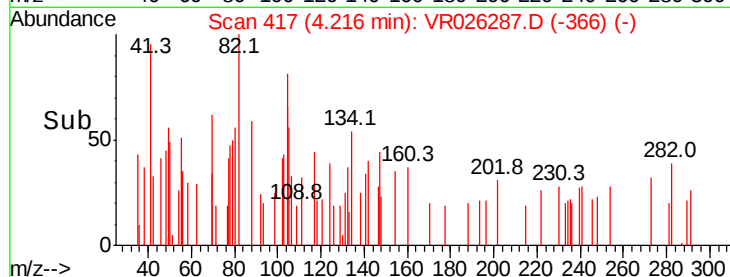
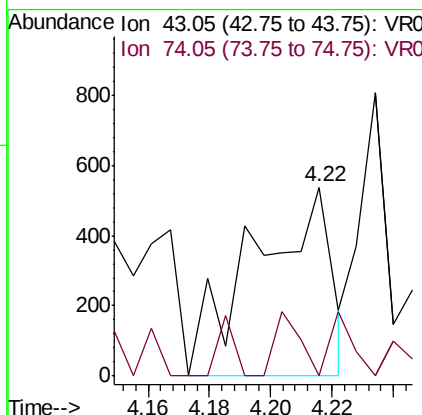
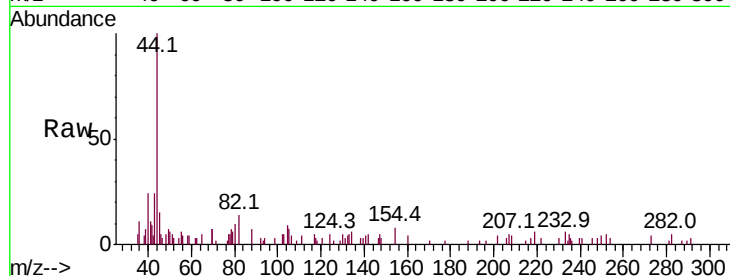




#15
Methvl Acetate
Concen: 0.117 ug/L
RT: 4.22 min Scan# 417
Delta R.T. 0.01 min
Lab File: VR026287.D
Acq: 21 Dec 2018 18:26

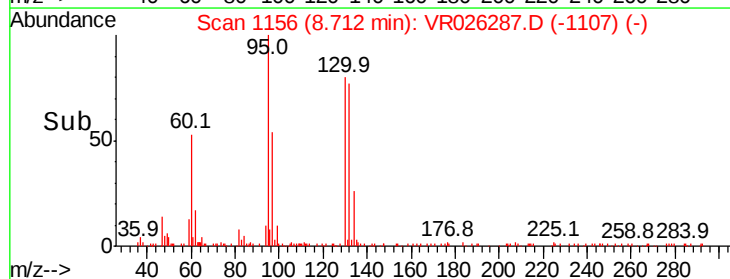
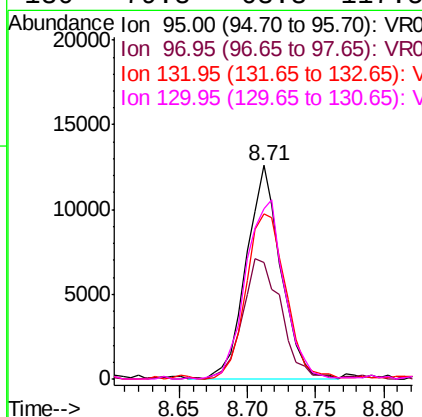
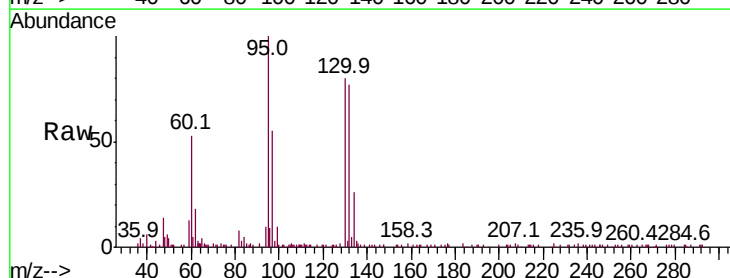
Instrument :
MSVOA_R
ClientSampled :

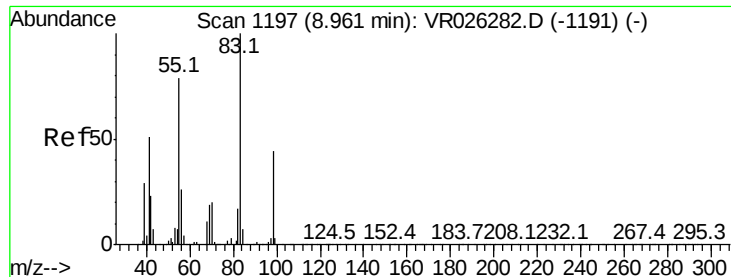
Tot Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
74 9.8 18.4 27.6#



#34
Trichloroethene
Concen: 0.499 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026287.D
Acq: 21 Dec 2018 18:26

Tgt Ion: 95 Resp: 22426
Ion Ratio Lower Upper
95 100
97 54.6 44.8 83.2
132 77.1 61.7 114.5
130 79.8 63.3 117.5

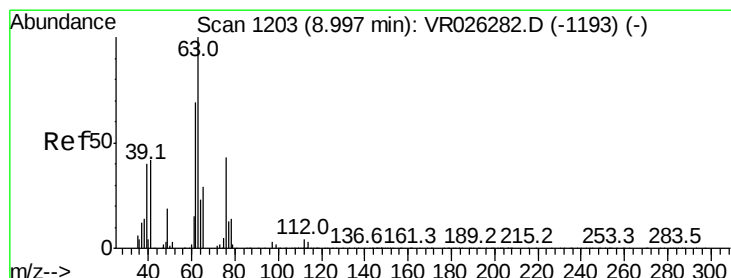
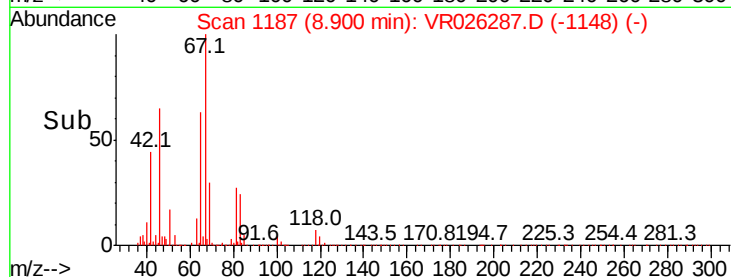
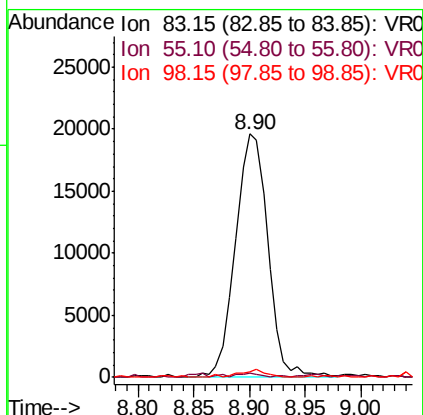
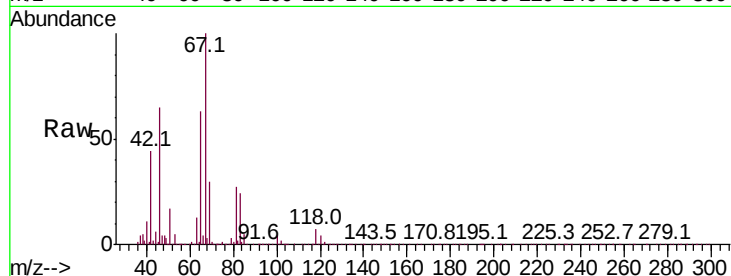




#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.06 min
Lab File: VR026287.D
Acq: 21 Dec 2018 18:26

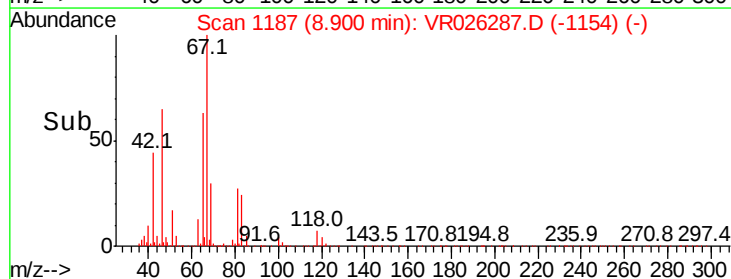
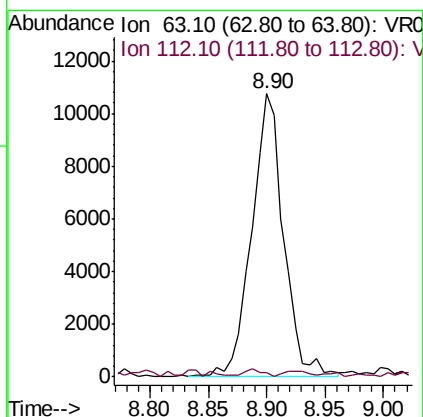
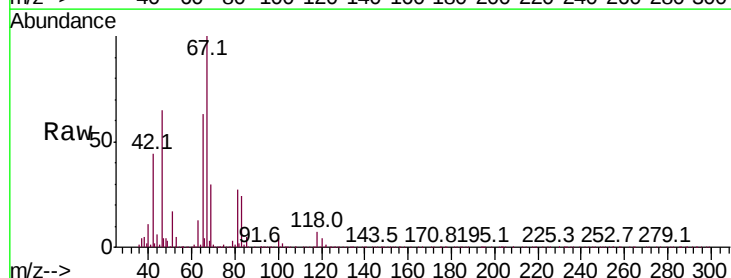
Instrument :
MSVOA_R
ClientSampled :

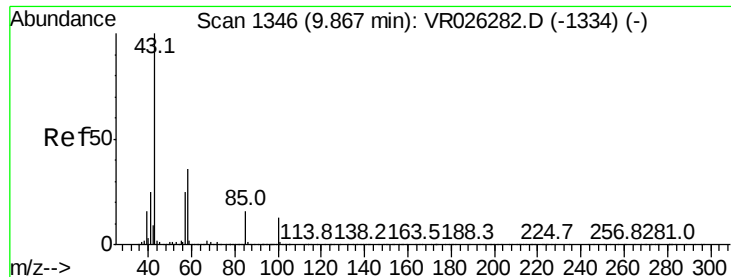
Tot Ion: 83 Resp: 39340
Ion Ratio Lower Upper
83 100
55 1.0 66.6 99.8#
98 2.4 35.5 53.3#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026287.D
Acq: 21 Dec 2018 18:26

Tgt Ion: 63 Resp: 20394
Ion Ratio Lower Upper
63 100
112 1.6 3.0 4.6#





#40

4-Methyl-2-pentanone

Concen: 0.994 ug/L

RT: 9.81 min Scan# 1337

Delta R.T. -0.05 min

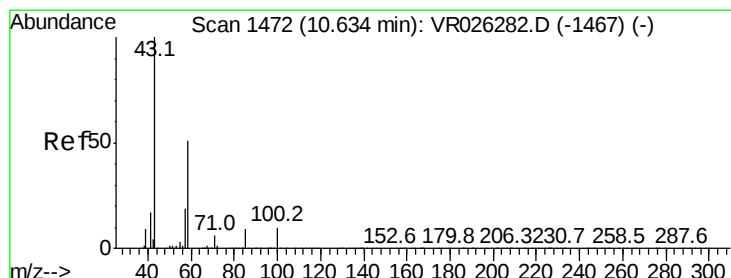
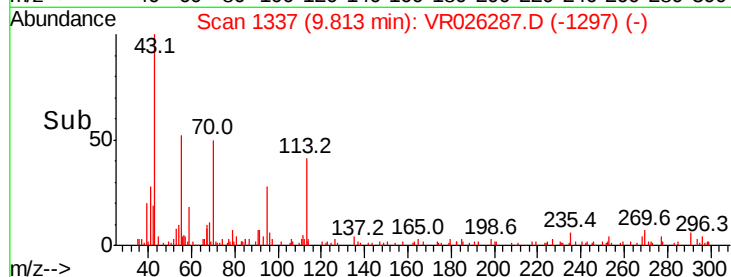
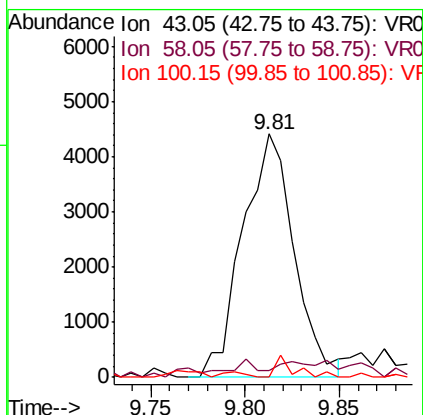
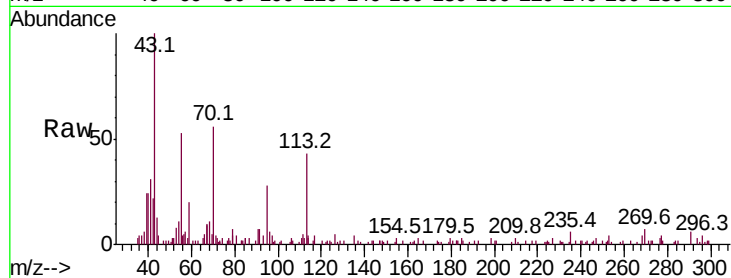
Lab File: VR026287.D

Acq: 21 Dec 2018 18:26

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 43 Resp: 8355

Ion	Ratio	Lower	Upper
43	100		
58	1.9	28.0	42.0#
100	0.0	9.8	14.6#



#48

2-Hexanone

Concen: 2.858 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026287.D

Acq: 21 Dec 2018 18:26

Tgt Ion: 43 Resp: 15477

Ion	Ratio	Lower	Upper
43	100		
58	30.7	40.5	60.7#
57	34.3	14.2	21.4#
100	6.2	7.5	11.3#

