

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100818\
 Data File : VR026006.D
 Acq On : 9 Oct 2018 4:14
 Operator : SY/MD
 Sample : J5279-18
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 09 06:53:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 09 06:51:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	423966	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	352838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	117815	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	170111	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	2.63	69	157541	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	3.62	63	318015	4.05	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	6.59	46	196908	52.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.66%
24) Chloroform-d	7.20	84	281205	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.90	65	132321	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
32) Benzene-d6	7.85	84	548154	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.90	67	152166	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	9.97	98	506946	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	10.24	79	31956	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	10.59	63	147362	53.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64246	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	97295	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

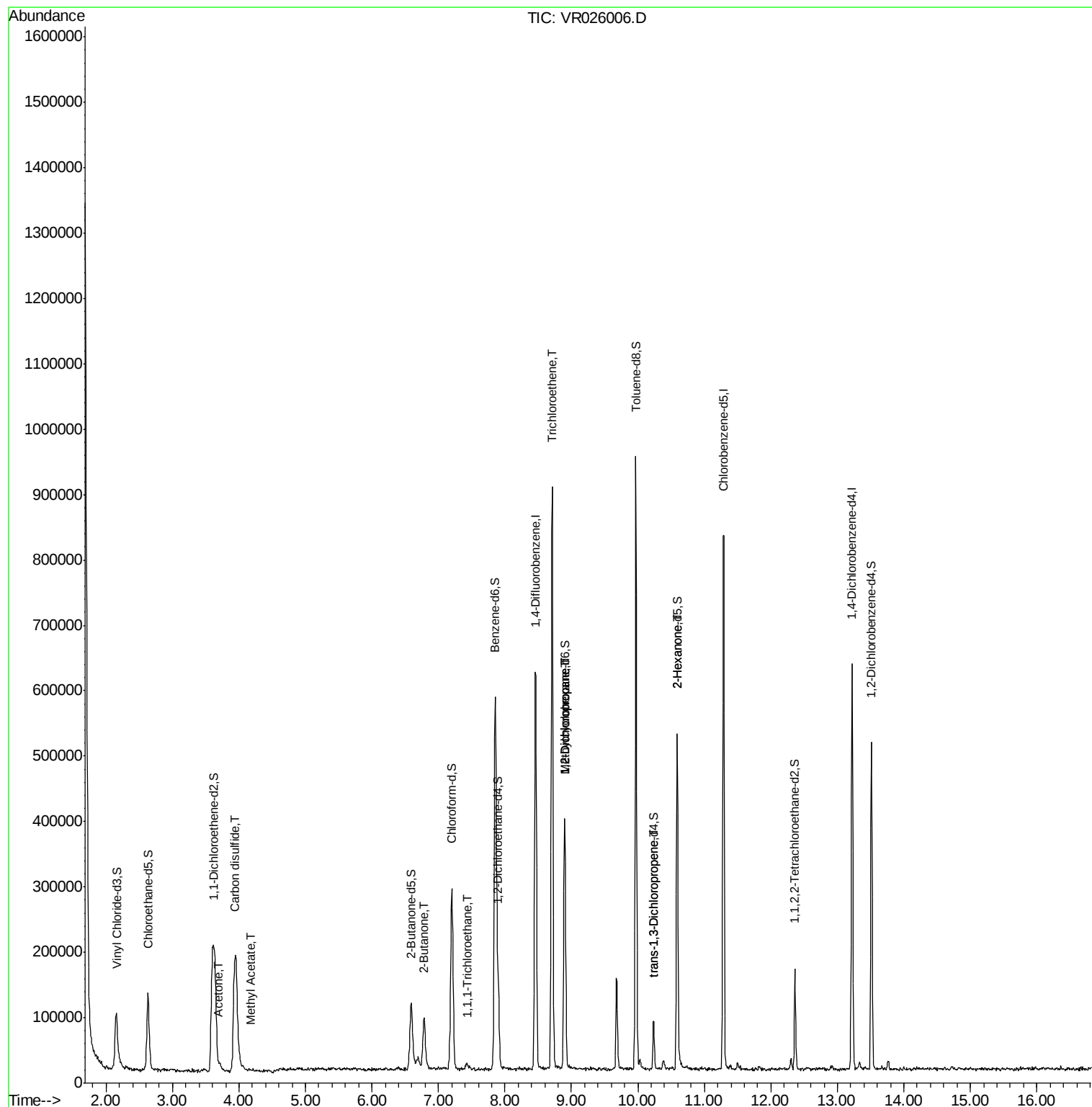
					Ovalue
13) Acetone	3.70	43	9338	3.457 ug/L	80
14) Carbon disulfide	3.94	76	369354	4.767 ug/L	99
15) Methyl Acetate	4.19	43	1704	0.227 ug/L #	86
21) 2-Butanone	6.78	43	135375	36.433 ug/L #	52
29) 1,1,1-Trichloroethane	7.43	97	7146	0.180 ug/L	92
34) Trichloroethene	8.71	95	277148	8.888 ug/L	95
35) Methylcyclohexane	8.89	83	35005	0.747 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20920	0.824 ug/L #	94
44) trans-1,3-Dichloropropene	10.24	75	2808	0.151 ug/L #	77
48) 2-Hexanone	10.59	43	23902	4.089 ug/L #	69

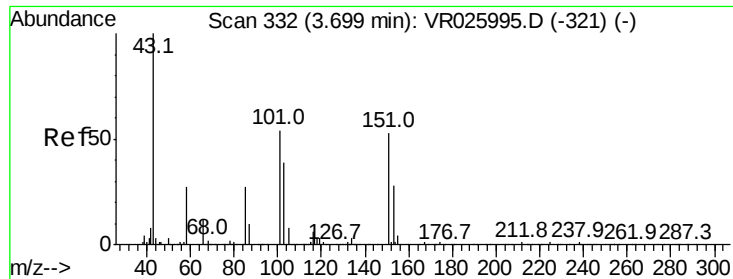
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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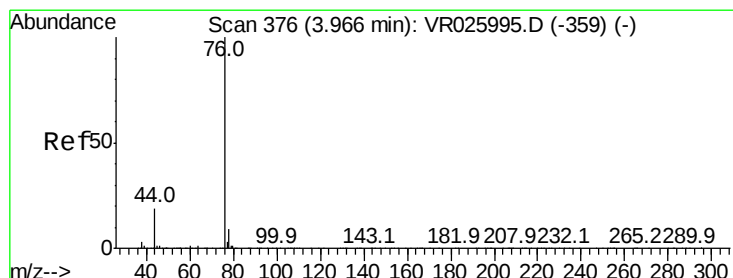
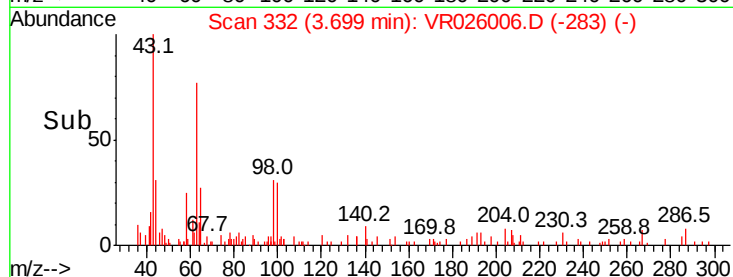
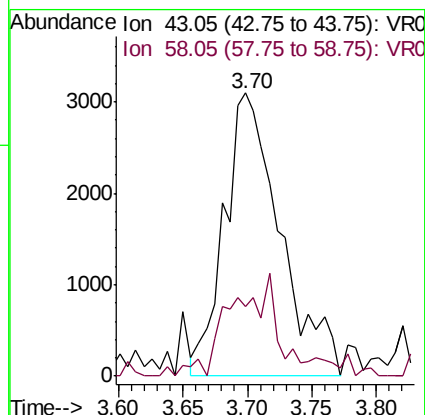
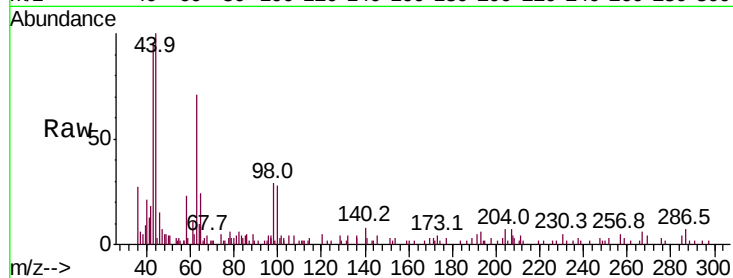




#13
Acetone
Concen: 3.457 ug/L
RT: 3.70 min Scan# 332
Delta R.T. 0.00 min
Lab File: VR026006.D
Acq: 9 Oct 2018 4:14

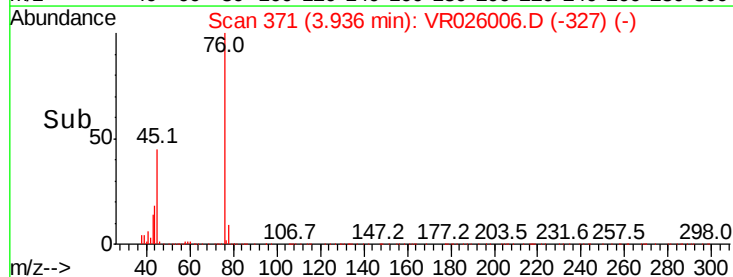
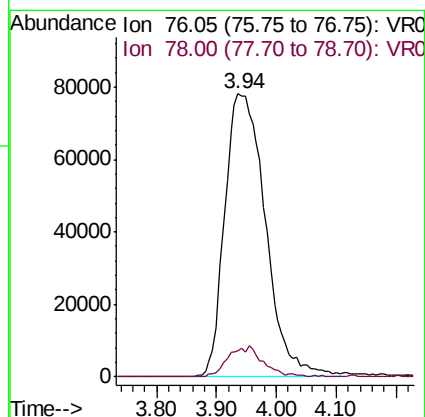
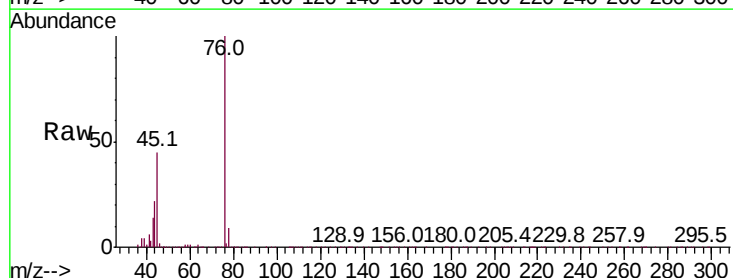
Instrument :
MSVOA_R
ClientSampled :

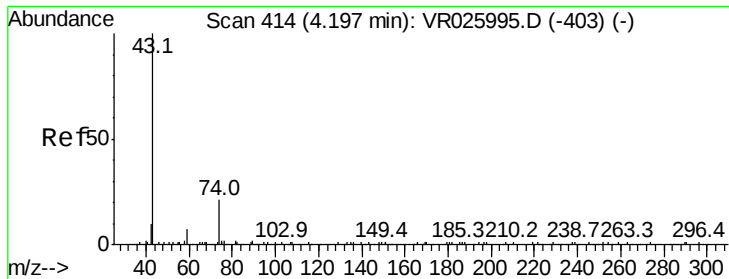
Tot Ion: 43 Resp: 9338
Ion Ratio Lower Upper
43 100
58 15.7 0.0 51.4



#14
Carbon disulfide
Concen: 4.767 ug/L
RT: 3.94 min Scan# 371
Delta R.T. -0.03 min
Lab File: VR026006.D
Acq: 9 Oct 2018 4:14

Tgt Ion: 76 Resp: 369354
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6





#15

Methyl Acetate

Concen: 0.227 ug/L

RT: 4.19 min Scan# 412

Delta R.T. -0.01 min

Lab File: VR026006.D

Acq: 9 Oct 2018 4:14

Instrument :

MSVOA_R

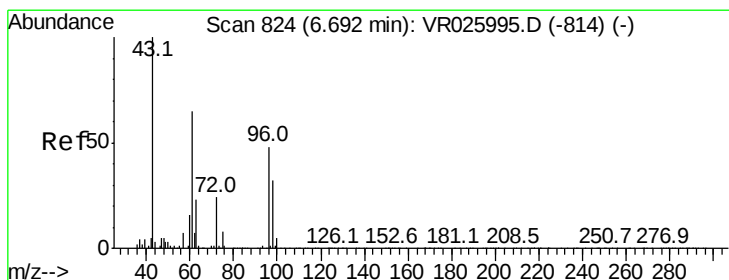
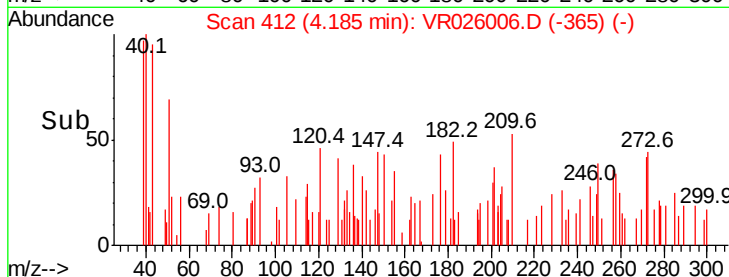
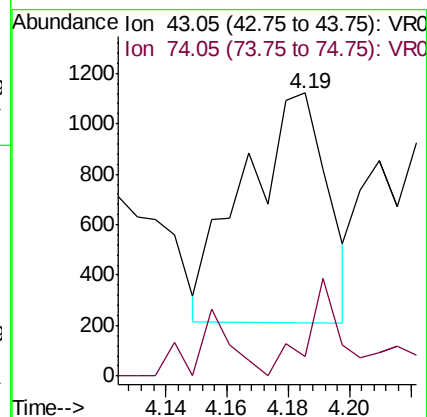
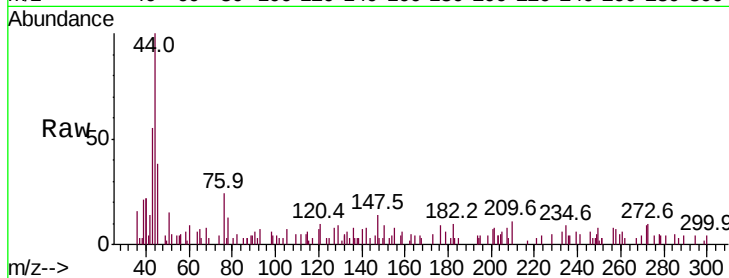
ClientSampled :

Tot Ion: 43 Resp: 1704

Ion Ratio Lower Upper

43 100

74 16.9 19.0 28.4#



#21

2-Butanone

Concen: 36.433 ug/L

RT: 6.78 min Scan# 839

Delta R.T. 0.09 min

Lab File: VR026006.D

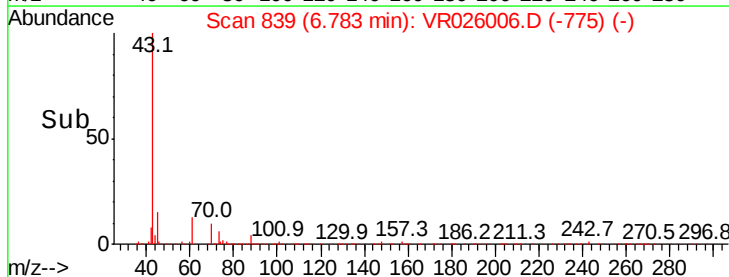
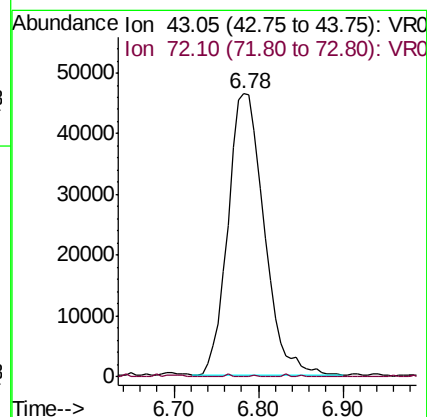
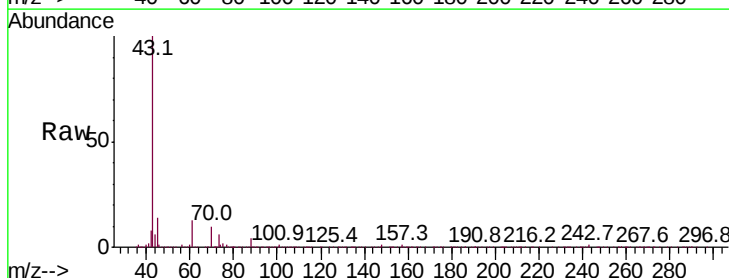
Acq: 9 Oct 2018 4:14

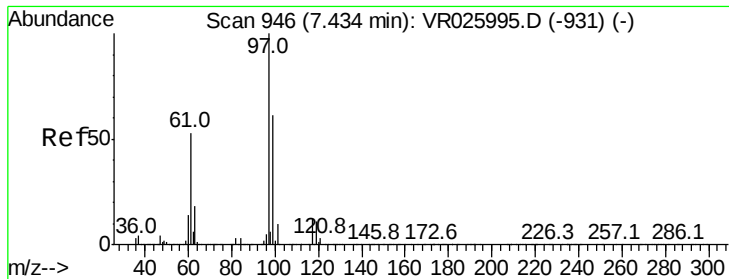
Tgt Ion: 43 Resp: 135375

Ion Ratio Lower Upper

43 100

72 0.1 11.9 35.7#

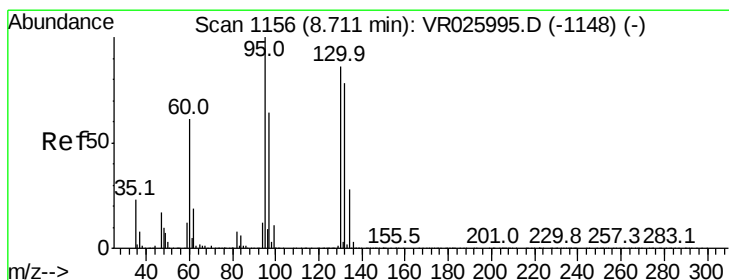
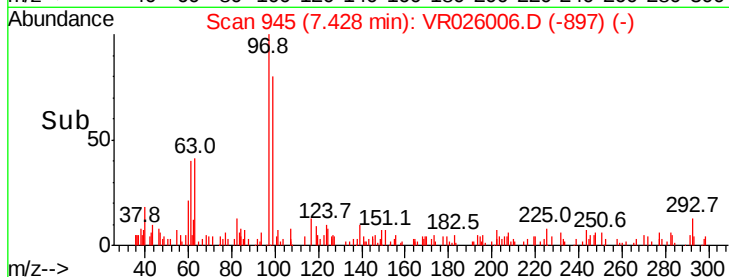
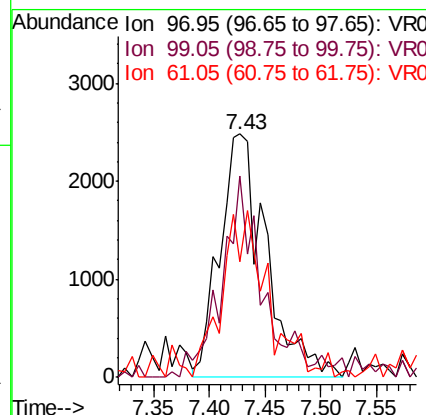
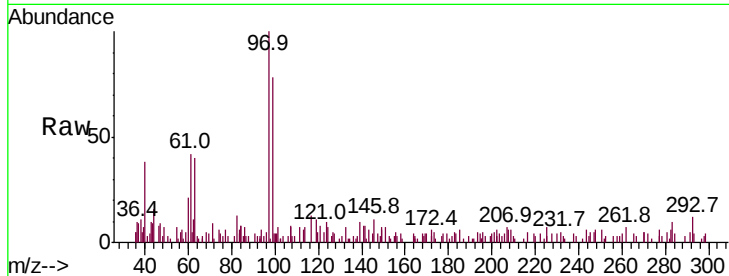




#29
 1,1,1-Trichloroethane
 Concen: 0.180 ug/L
 RT: 7.43 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: VR026006.D
 Acq: 9 Oct 2018 4:14

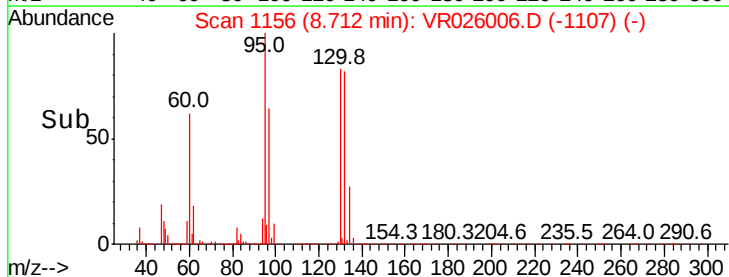
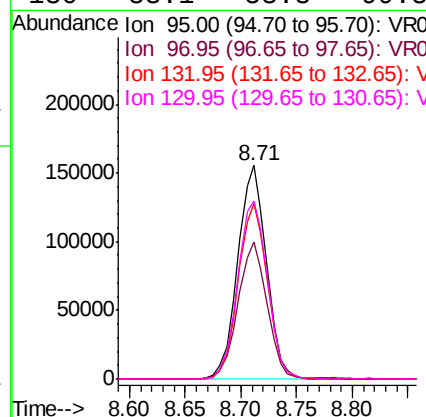
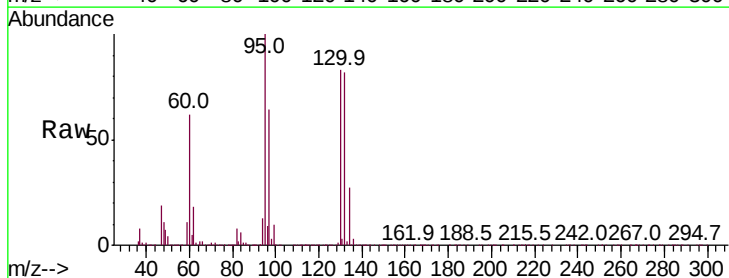
Instrument :
 MSVOA_R
 ClientSampleId :

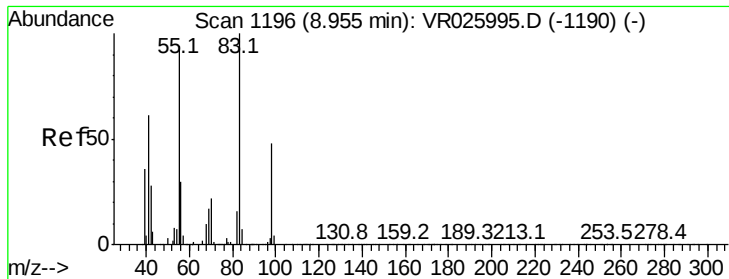
Tot Ion	Ratio	Lower	Upper
97	100		
99	66.5	51.0	76.6
61	61.2	41.6	62.4



#34
 Trichloroethene
 Concen: 8.888 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VR026006.D
 Acq: 9 Oct 2018 4:14

Tgt Ion	Ratio	Lower	Upper
95	100		
97	63.9	43.9	81.5
132	81.9	53.3	98.9
130	83.1	53.8	99.8

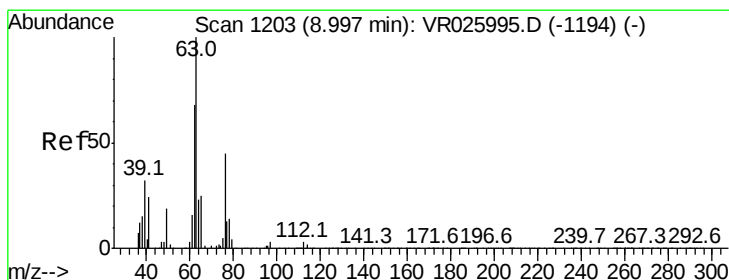
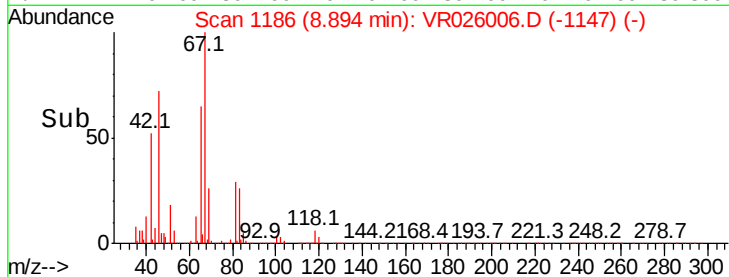
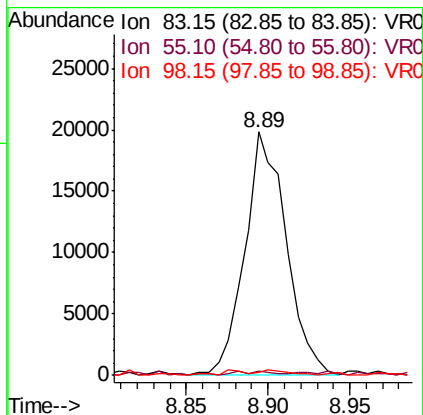
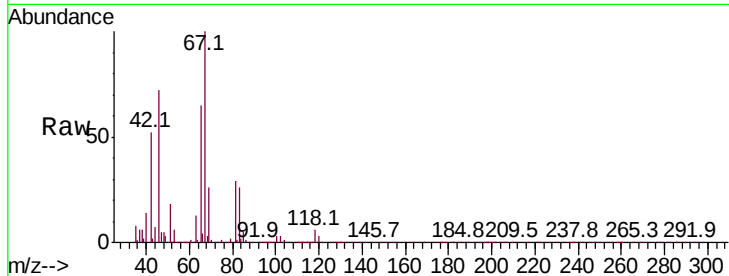




#35
Methvlcvclohexane
Concen: 0.747 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026006.D
Acq: 9 Oct 2018 4:14

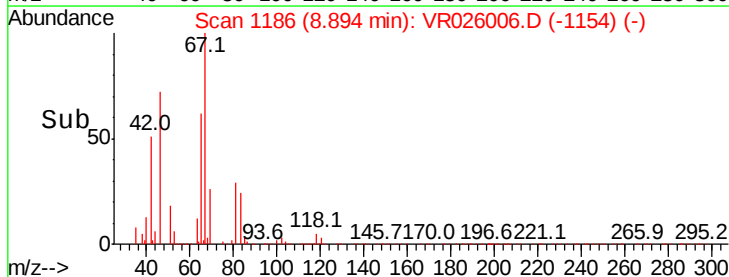
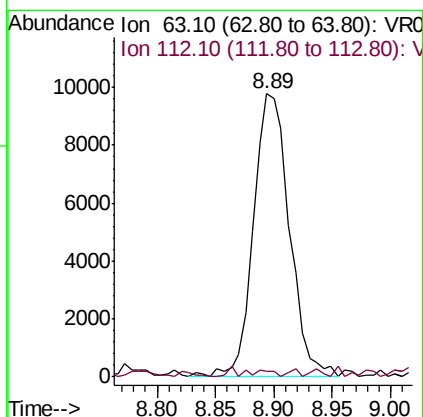
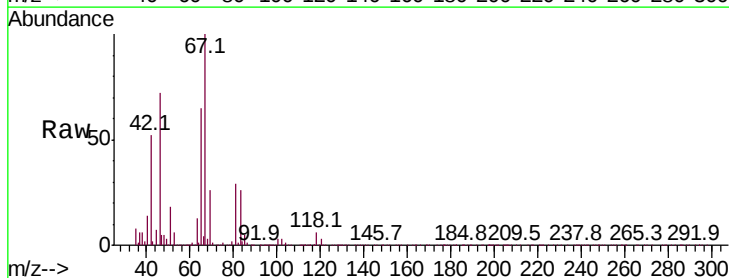
Instrument :
MSVOA_R
ClientSampleId :

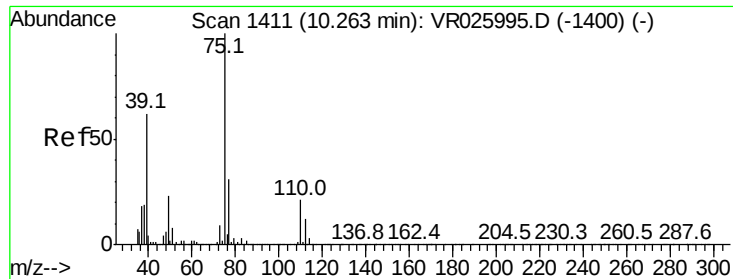
Tot Ion: 83 Resp: 35005
Ion Ratio Lower Upper
83 100
55 0.6 71.8 107.6#
98 1.2 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.824 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026006.D
Acq: 9 Oct 2018 4:14

Tgt Ion: 63 Resp: 20920
Ion Ratio Lower Upper
63 100
112 1.1 2.5 3.7#





#44

trans-1,3-Dichloropropene

Concen: 0.151 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026006.D

Acq: 9 Oct 2018 4:14

Instrument :

MSVOA_R

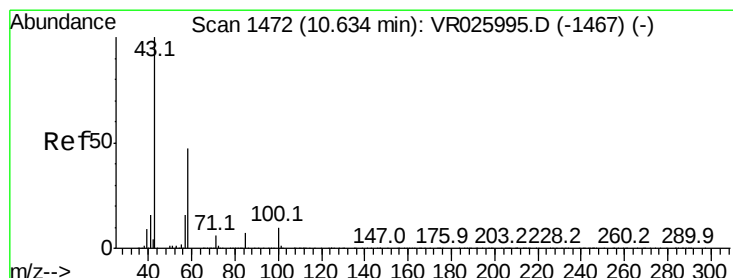
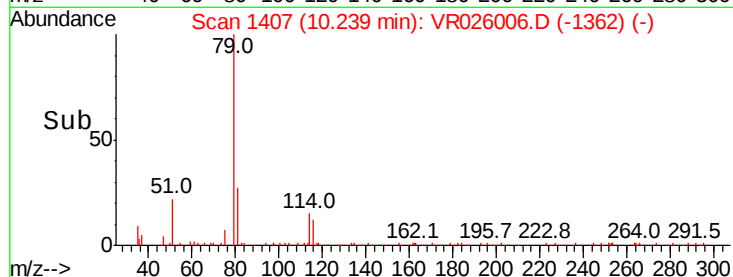
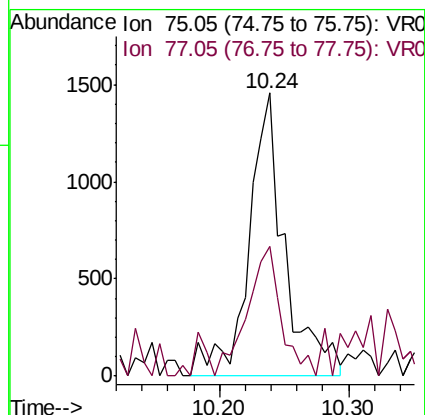
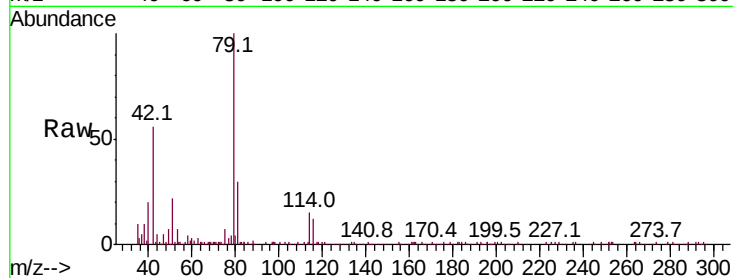
ClientSampleId :

Tot Ion: 75 Resp: 2808

Ion Ratio Lower Upper

75 100

77 45.7 23.0 42.8#



#48

2-Hexanone

Concen: 4.089 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026006.D

Acq: 9 Oct 2018 4:14

Tgt Ion: 43 Resp: 23902

Ion Ratio Lower Upper

43 100

58 23.1 39.5 59.3#

57 25.4 14.6 21.8#

100 2.5 6.7 10.1#

