

Data File : VR026411.D
Acq On : 27 Feb 2019 18:57
Operator : SY/MD
Sample : K1588-16
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AB4

Quant Time: Feb 28 07:35:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Feb 28 07:30:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	464795	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	382198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	111487	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	146724	3.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.60%
7) Chloroethane-d5	2.63	69	137473	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	3.60	63	292465	2.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.80%#
20) 2-Butanone-d5	6.59	46	189377	57.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.12%
24) Chloroform-d	7.20	84	321095	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	7.89	65	140502	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	7.85	84	561435	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.20%
36) 1,2-Dichloropropane-d6	8.89	67	159895	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	9.97	98	485098	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	10.23	79	32249	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	10.59	63	150099	61.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	62363	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	102133	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

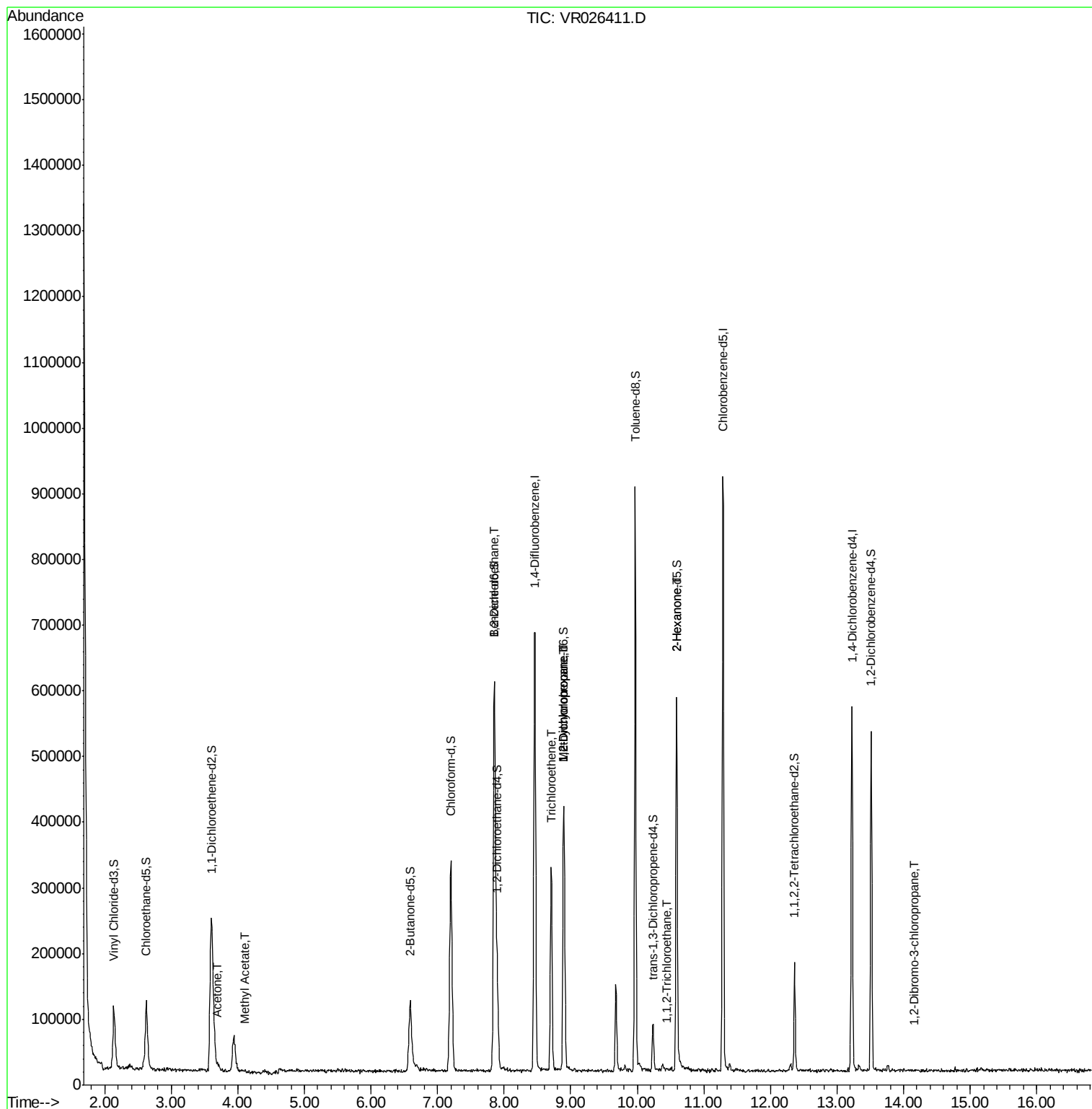
					Qvalue
13) Acetone	3.70	43	10749	3.600 ug/L	88
15) Methyl Acetate	4.10	43	835	0.099 ug/L #	91
27) 1,2-Dichloroethane	7.85	62	4486	0.146 ug/L	96
34) Trichloroethene	8.71	95	97103	2.628 ug/L	90
35) Methylcyclohexane	8.89	83	40042	0.764 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	22021	0.706 ug/L #	89
45) 1,1,2-Trichloroethane	10.44	97	1126	0.087 ug/L #	74
48) 2-Hexanone	10.59	43	24693	4.190 ug/L #	70
66) 1,2-Dibromo-3-chloropropan	14.15	75	231	0.222 ug/L #	40

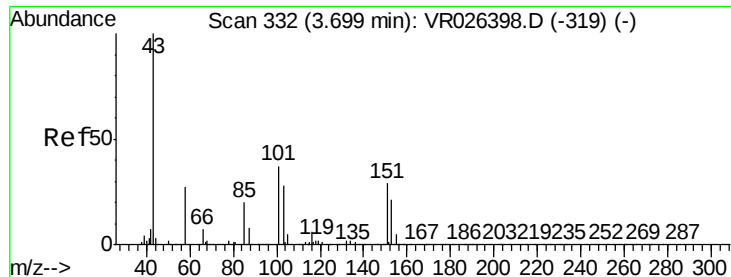
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.600 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

Lab File: VR026411.D

Acq: 27 Feb 2019 18:57

Instrument :

MSVOA_R

ClientSampleId :

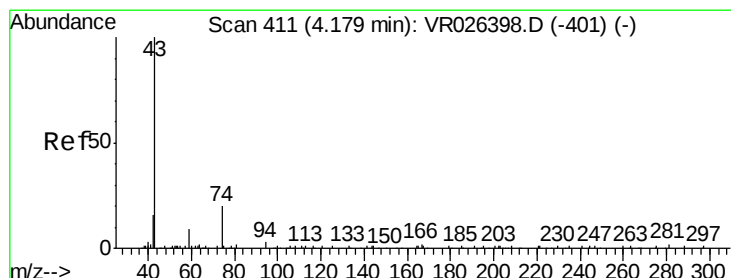
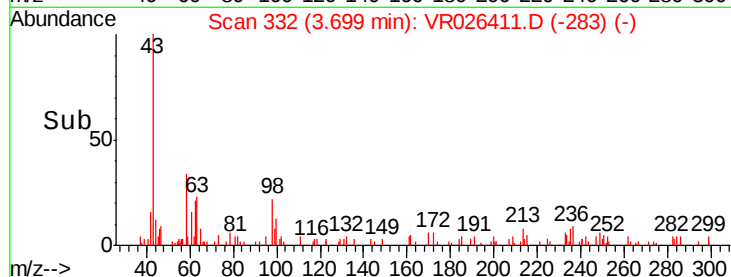
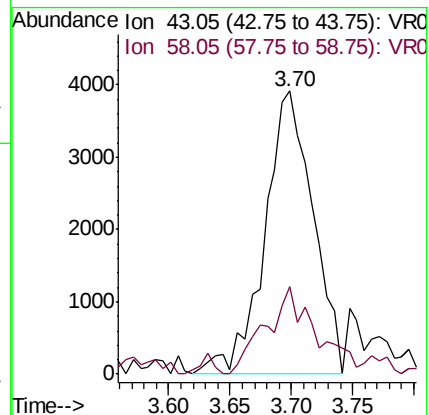
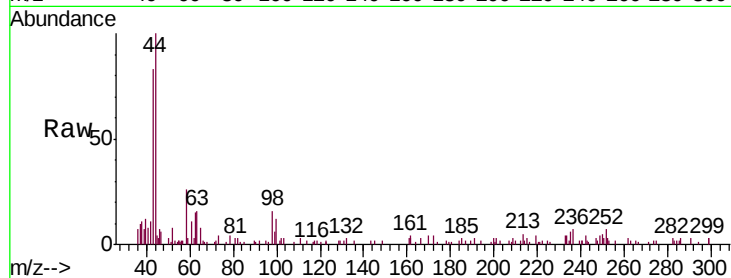
C0AB4

Tgt Ion: 43 Resp: 10749

Ion Ratio Lower Upper

43 100

58 32.1 0.0 52.2



#15

Methyl Acetate

Concen: 0.099 ug/L

RT: 4.10 min Scan# 398

Delta R.T. -0.08 min

Lab File: VR026411.D

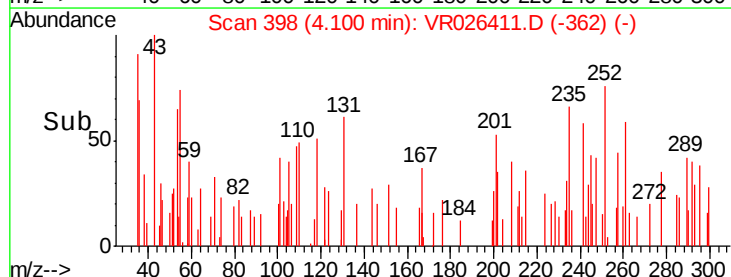
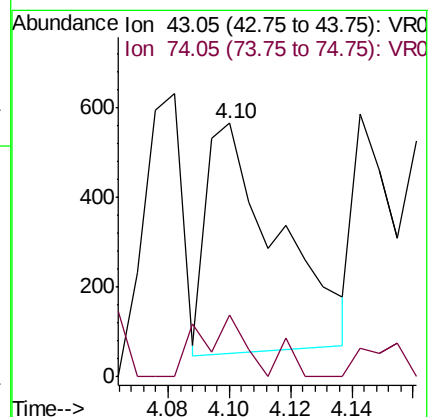
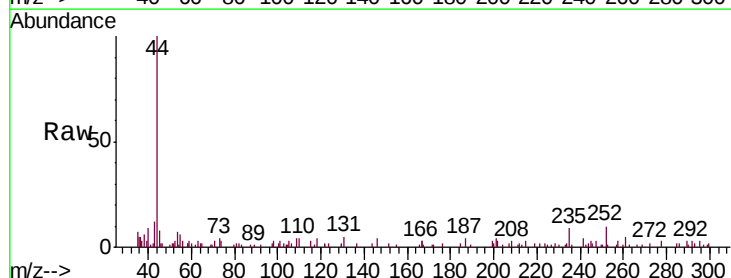
Acq: 27 Feb 2019 18:57

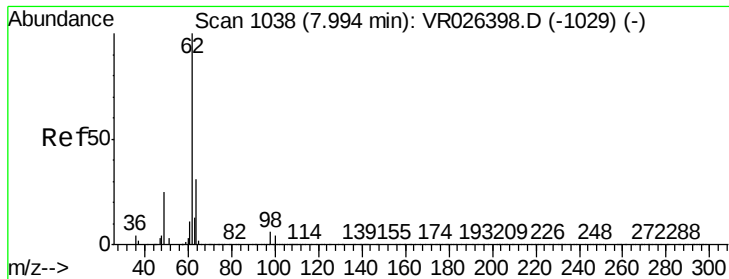
Tgt Ion: 43 Resp: 835

Ion Ratio Lower Upper

43 100

74 16.4 16.6 25.0#

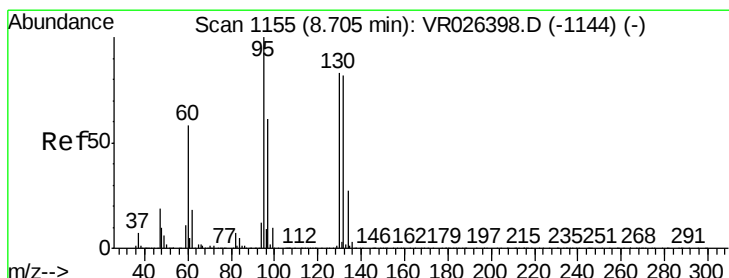
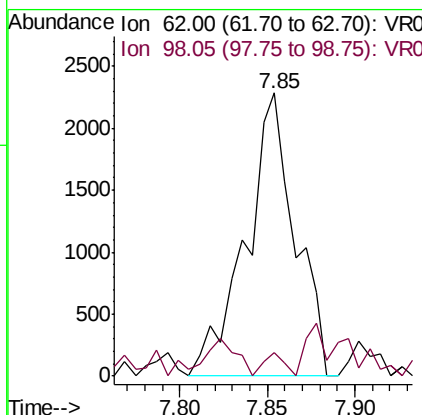
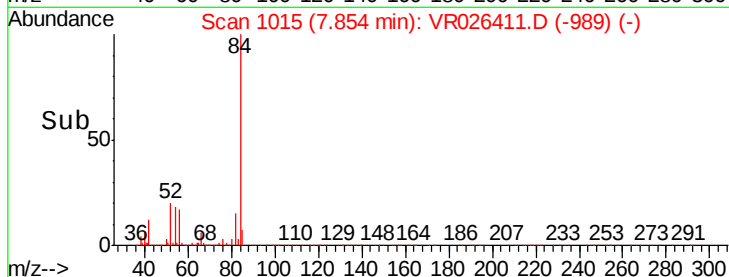
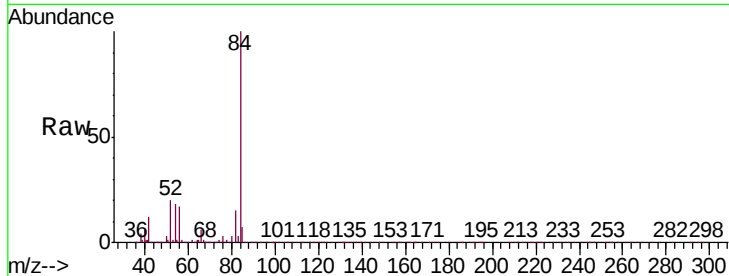




#27
 1,2-Dichloroethane
 Concen: 0.146 ug/L
 RT: 7.85 min Scan# 1015
 Delta R.T. -0.14 min
 Lab File: VR026411.D
 Acq: 27 Feb 2019 18:57

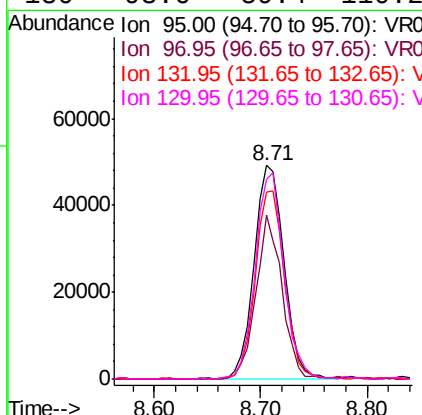
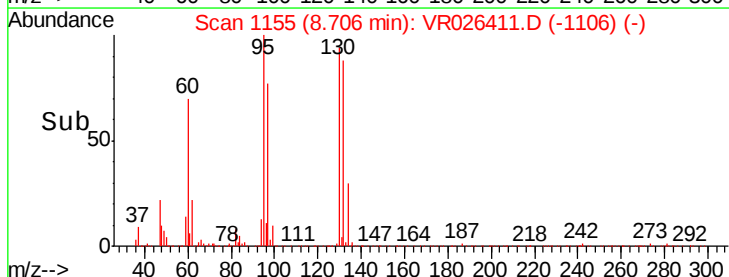
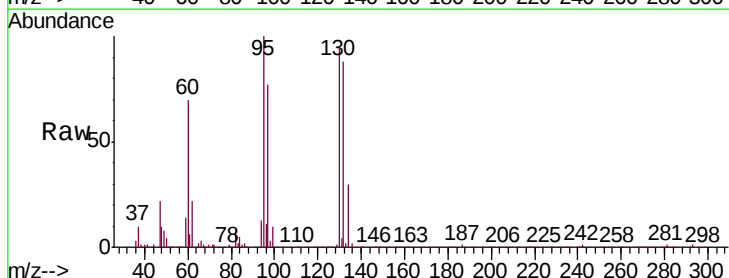
Instrument :
 MSVOA_R
 ClientSampled :
 C0AB4

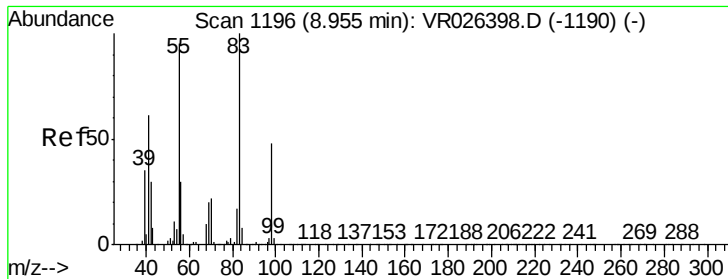
Tgt Ion: 62 Resp: 4486
 Ion Ratio Lower Upper
 62 100
 98 8.5 5.7 8.5



#34
 Trichloroethene
 Concen: 2.628 ug/L
 RT: 8.71 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VR026411.D
 Acq: 27 Feb 2019 18:57

Tgt Ion: 95 Resp: 97103
 Ion Ratio Lower Upper
 95 100
 97 76.6 43.5 80.7
 132 87.8 58.6 108.8
 130 93.6 59.4 110.2

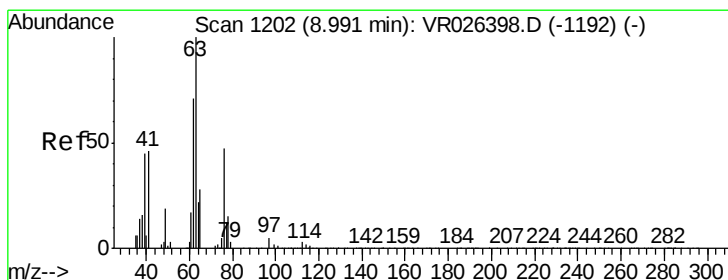
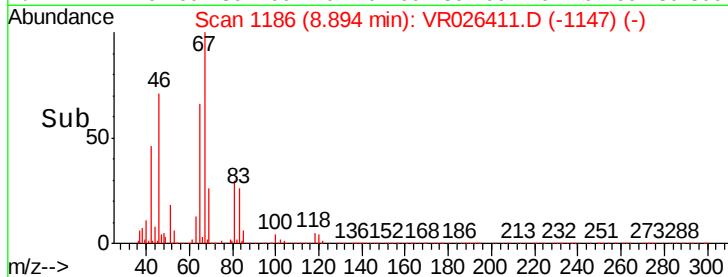
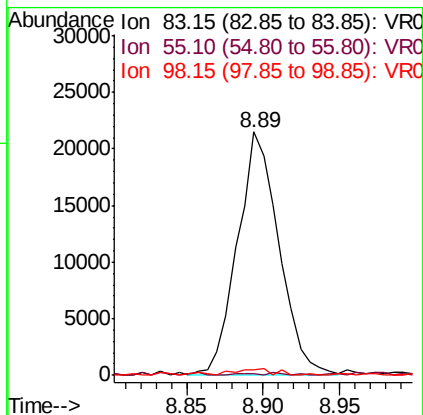
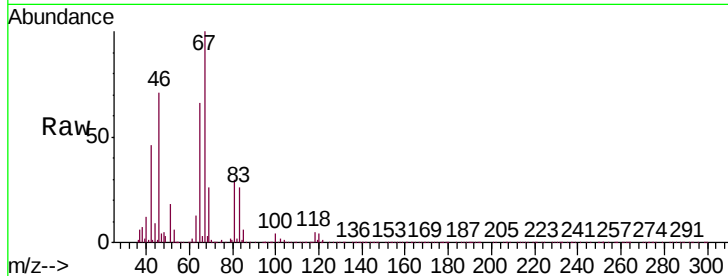




#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026411.D
Acq: 27 Feb 2019 18:57

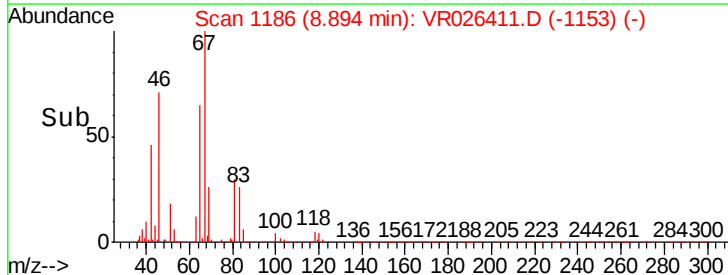
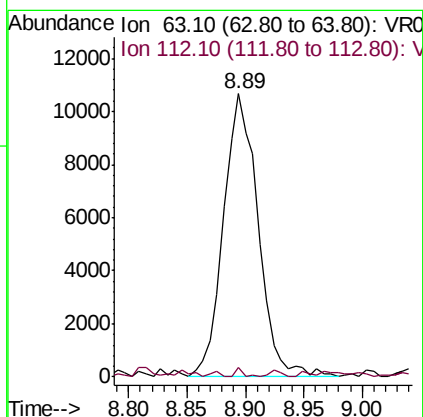
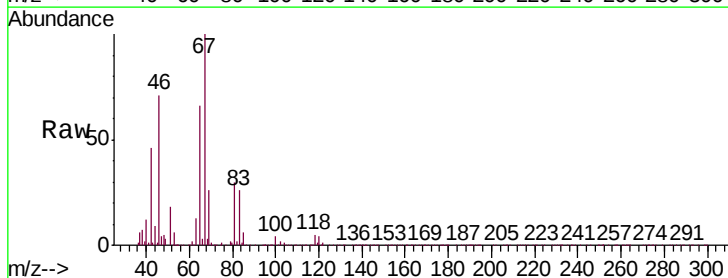
Instrument :
MSVOA_R
ClientSampleId :
C0AB4

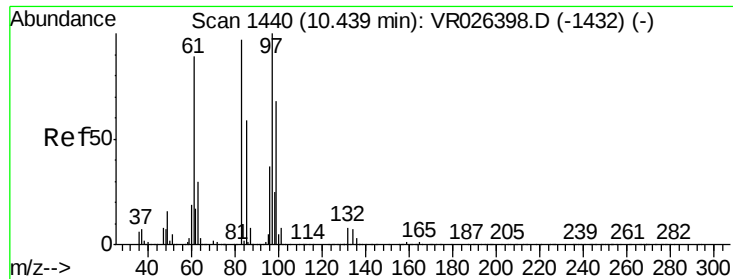
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.6	72.2	108.2#
98	2.4	35.0	52.4#



#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026411.D
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Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.6	5.4#

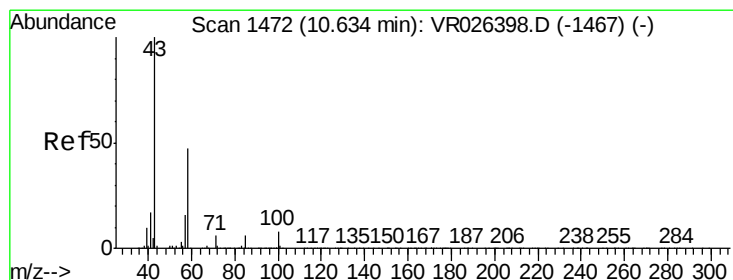
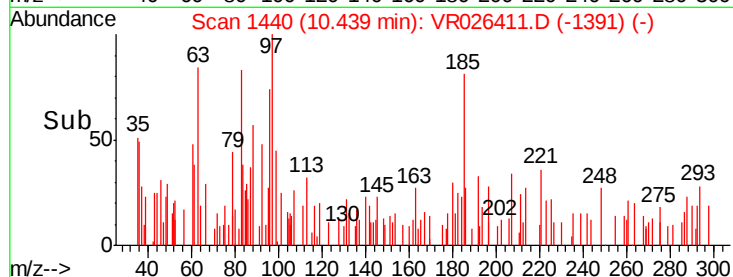
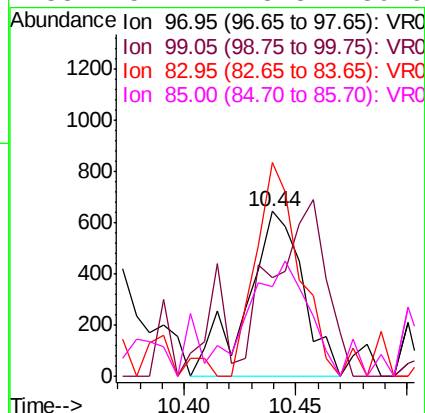
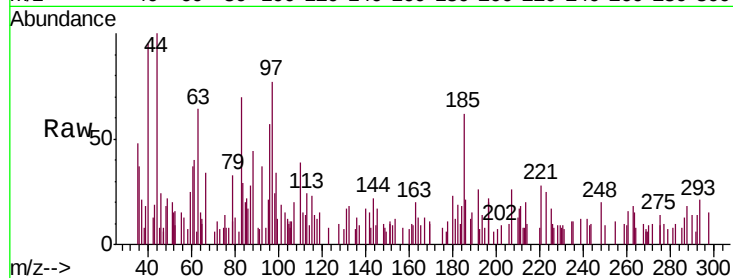




#45
 1,1,2-Trichloroethane
 Concen: 0.087 ug/L
 RT: 10.44 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VR026411.D
 Acq: 27 Feb 2019 18:57

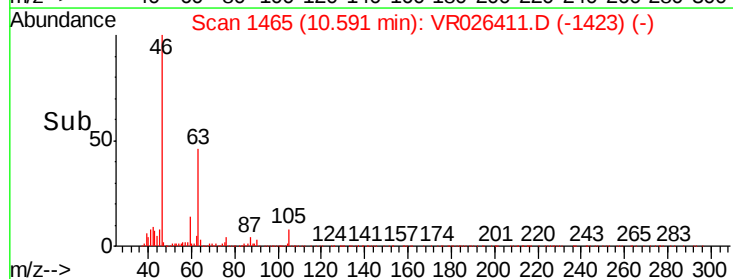
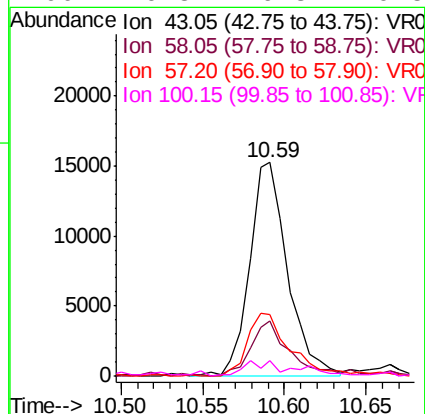
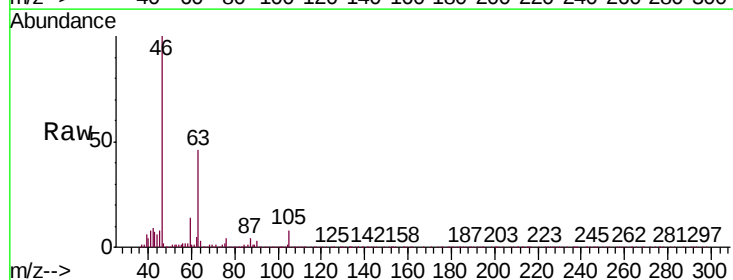
Instrument :
 MSVOA_R
 ClientSampled :
 C0AB4

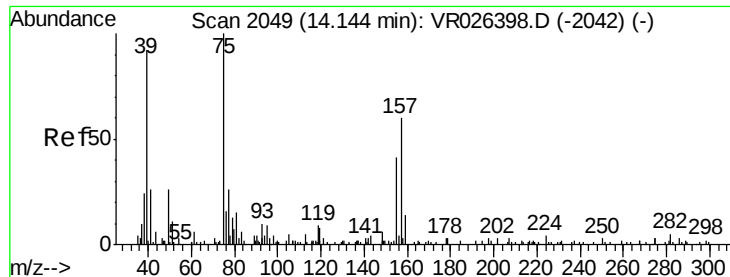
Tgt Ion: 97 Resp: 1126
 Ion Ratio Lower Upper
 97 100
 99 59.9 38.1 70.7
 83 129.5 59.6 110.6#
 85 54.7 43.5 80.9



#48
 2-Hexanone
 Concen: 4.190 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026411.D
 Acq: 27 Feb 2019 18:57

Tgt Ion: 43 Resp: 24693
 Ion Ratio Lower Upper
 43 100
 58 27.4 38.4 57.6#
 57 33.8 13.2 19.8#
 100 6.8 6.3 9.5





#66

1,2-Dibromo-3-chloropropane

Concen: 0.222 ug/L

RT: 14.15 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VR026411.D

Acq: 27 Feb 2019 18:57

Instrument :

MSVOA_R

ClientSampleId :

C0AB4

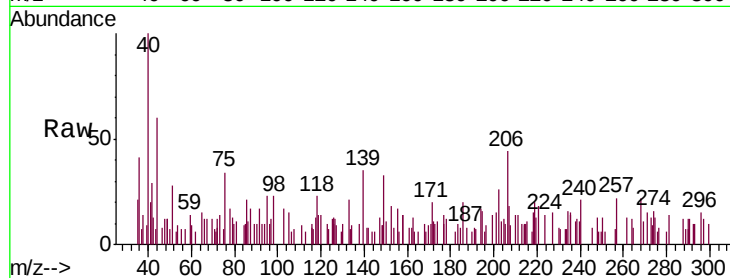
Tgt Ion: 75 Resp: 231

Ion Ratio Lower Upper

75 100

155 51.5 53.8 80.8#

157 0.0 67.4 101.0#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

