

Data File : VR026410.D
Acq On : 27 Feb 2019 18:24
Operator : SY/MD
Sample : K1588-15
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0AB3

Quant Time: Feb 28 07:35:13 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	494108	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	408479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	119106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	141024	2.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.40%
7) Chloroethane-d5	2.62	69	138343	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	3.60	63	294321	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	6.58	46	195636	55.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.90%
24) Chloroform-d	7.20	84	330062	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
26) 1,2-Dichloroethane-d4	7.89	65	139794	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	7.85	84	563662	3.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.40%
36) 1,2-Dichloropropane-d6	8.90	67	162514	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	9.97	98	482144	3.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.60%#
43) trans-1,3-Dichloropropene-	10.24	79	34506	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
46) 2-Hexanone-d5	10.59	63	154119	59.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64689	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	103198	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

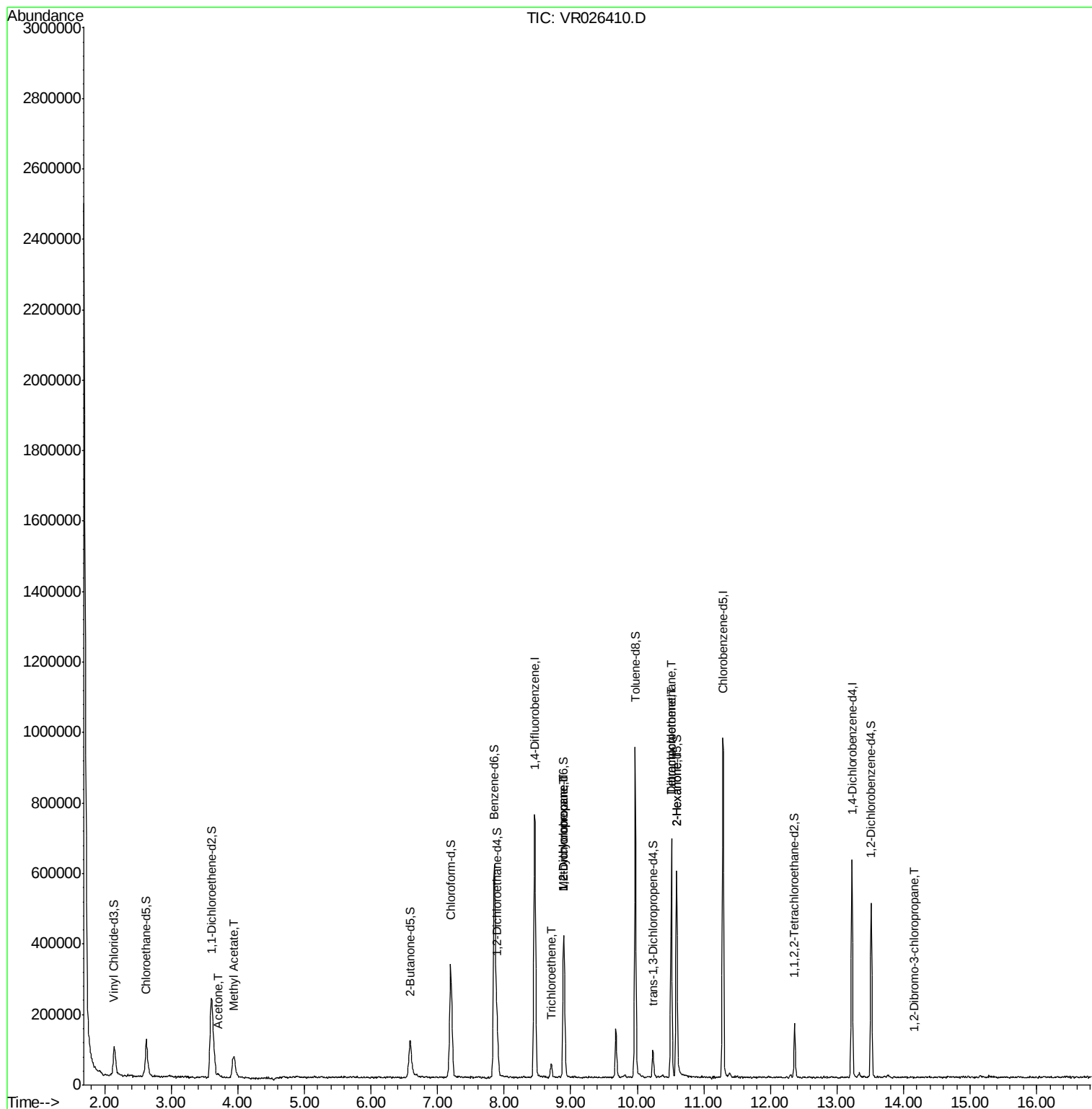
					Qvalue
13) Acetone	3.70	43	11445	3.606 ug/L	89
15) Methyl Acetate	3.95	43	32013	3.564 ug/L #	56
34) Trichloroethene	8.71	95	11124	0.282 ug/L	93
35) Methylcyclohexane	8.89	83	40219	0.718 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	20725	0.622 ug/L #	94
47) Tetrachloroethene	10.51	164	119195	4.163 ug/L	95
48) 2-Hexanone	10.59	43	26944	4.278 ug/L #	71
49) Dibromochloromethane	10.51	129	109036	6.369 ug/L #	13
66) 1,2-Dibromo-3-chloropropan	14.15	75	241	0.216 ug/L #	32

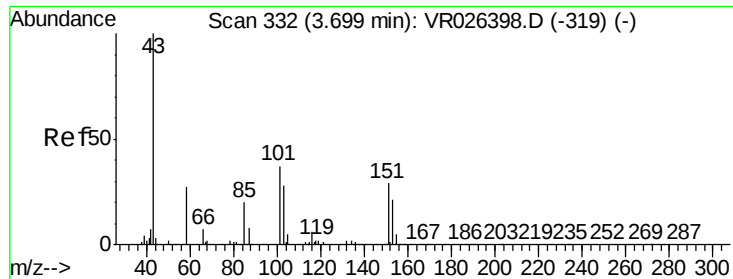
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.606 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.00 min

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Acq: 27 Feb 2019 18:24

Instrument :

MSVOA_R

ClientSampleId :

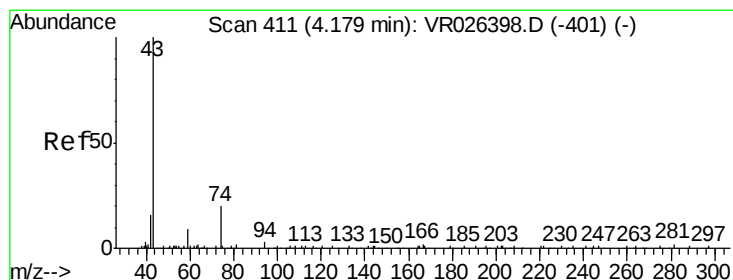
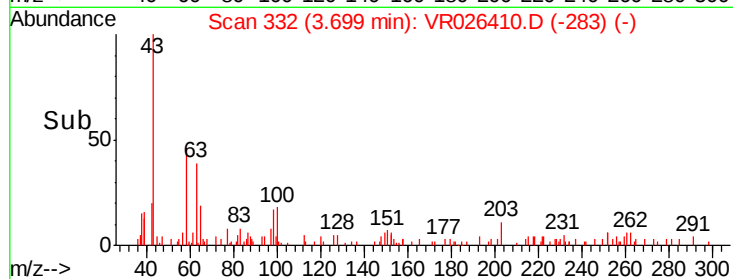
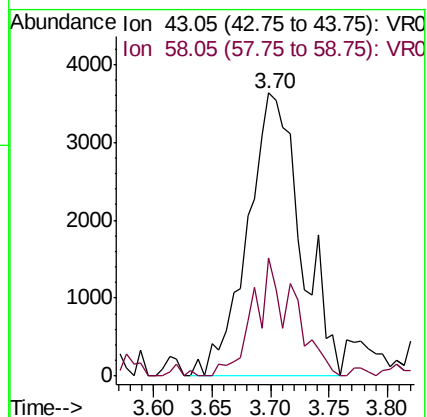
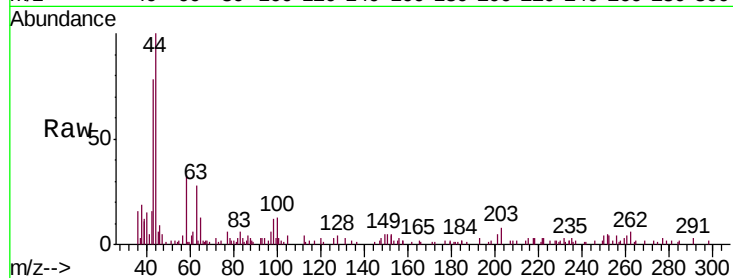
C0AB3

Tgt Ion: 43 Resp: 11445

Ion Ratio Lower Upper

43 100

58 20.4 0.0 52.2



#15

Methyl Acetate

Concen: 3.564 ug/L

RT: 3.95 min Scan# 373

Delta R.T. -0.23 min

Lab File: VR026410.D

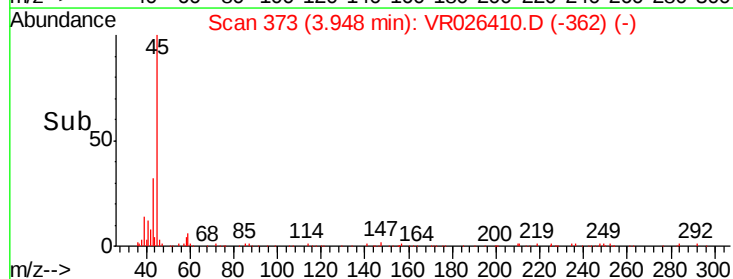
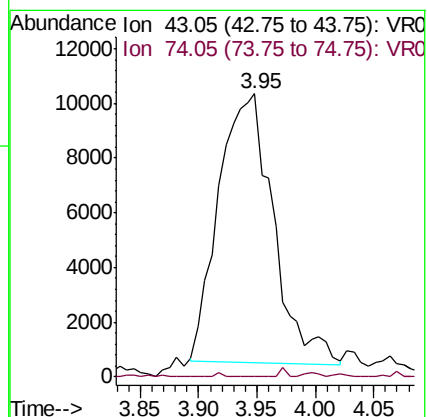
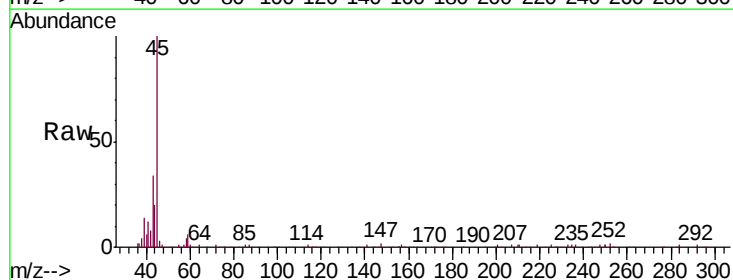
Acq: 27 Feb 2019 18:24

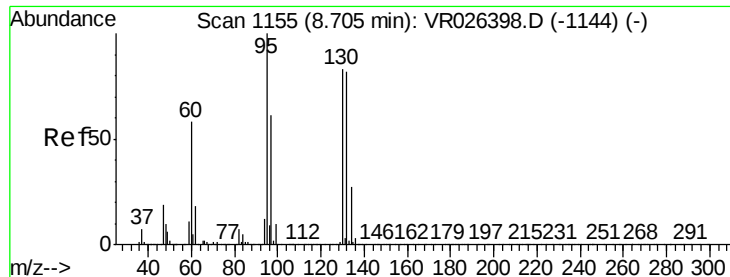
Tgt Ion: 43 Resp: 32013

Ion Ratio Lower Upper

43 100

74 0.4 16.6 25.0#





#34

Trichloroethene

Concen: 0.282 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VR026410.D

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Instrument :

MSVOA_R

ClientSampleId :

C0AB3

Tgt Ion: 95 Resp: 11124

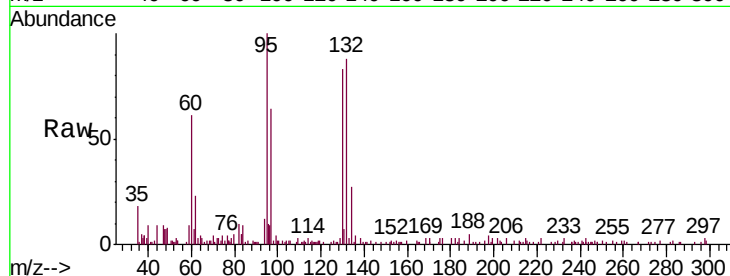
Ion Ratio Lower Upper

95 100

97 57.9 43.5 80.7

132 79.9 58.6 108.8

130 75.1 59.4 110.2

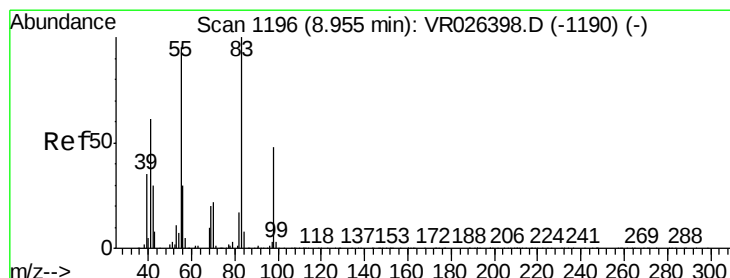
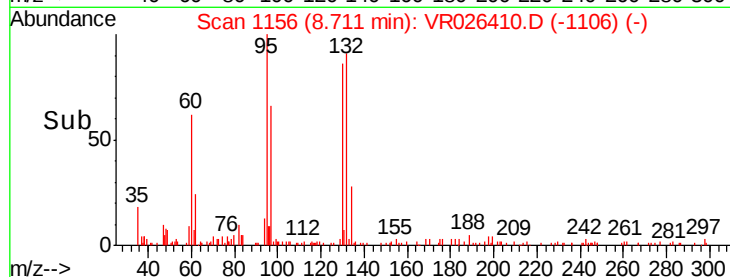
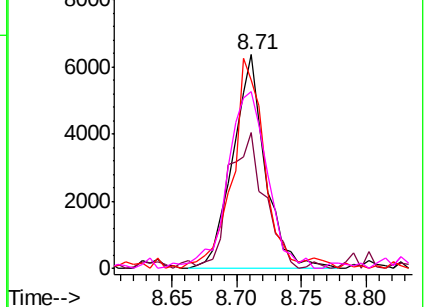


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026410.D

Acq: 27 Feb 2019 18:24

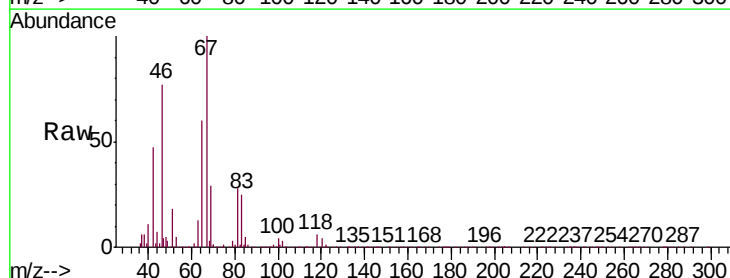
Tgt Ion: 83 Resp: 40219

Ion Ratio Lower Upper

83 100

55 1.0 72.2 108.2#

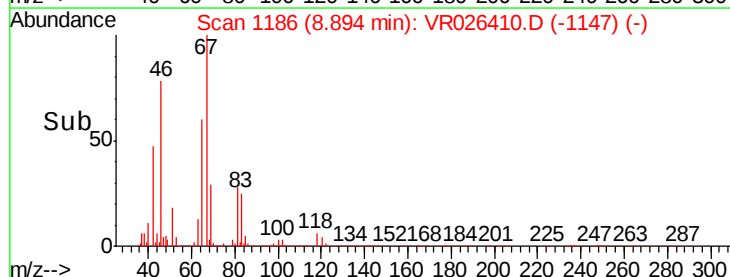
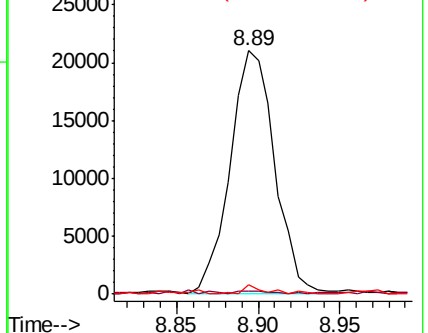
98 1.7 35.0 52.4#

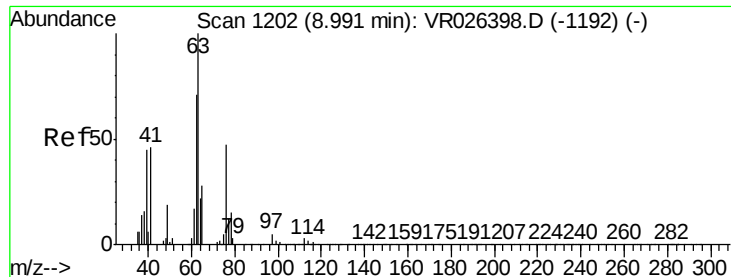


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

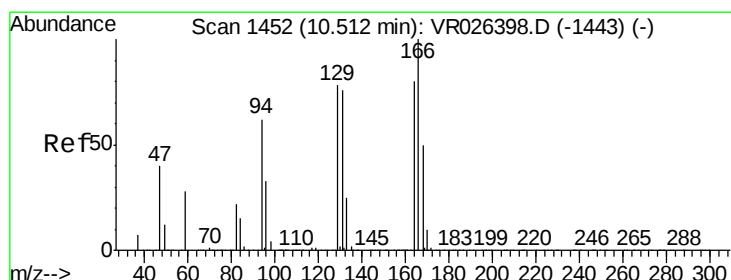
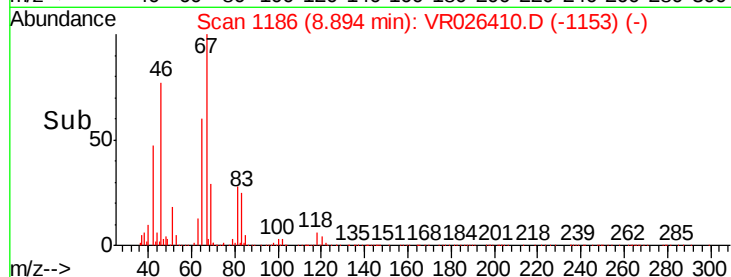
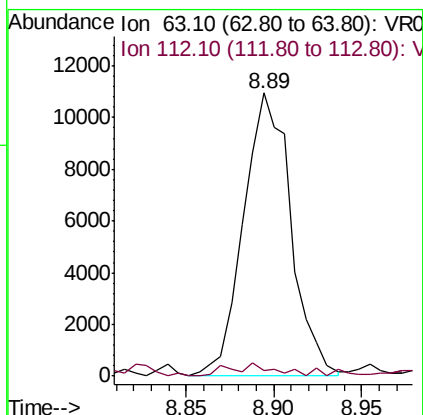
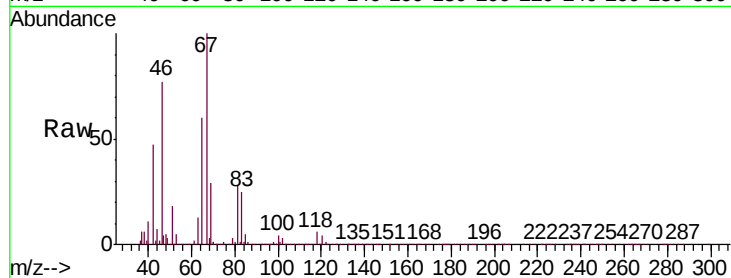




#37
 1,2-Dichloropropane
 Concen: 0.622 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026410.D
 Acq: 27 Feb 2019 18:24

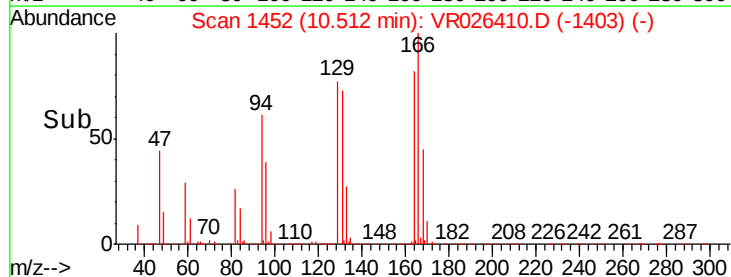
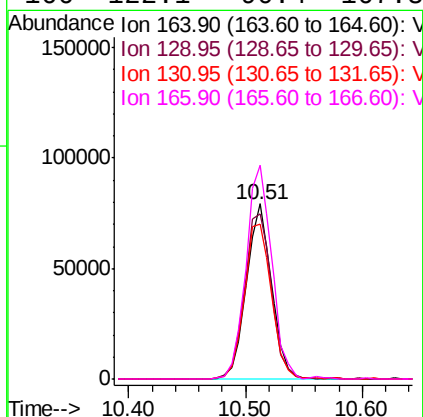
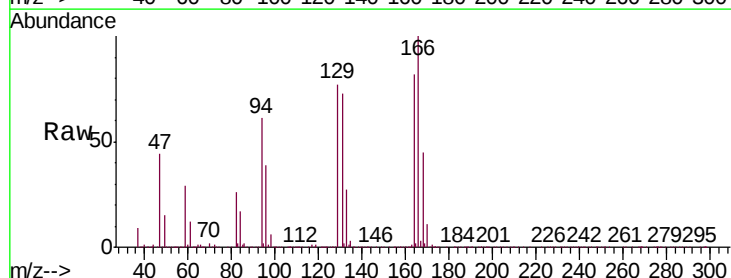
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 C0AB3

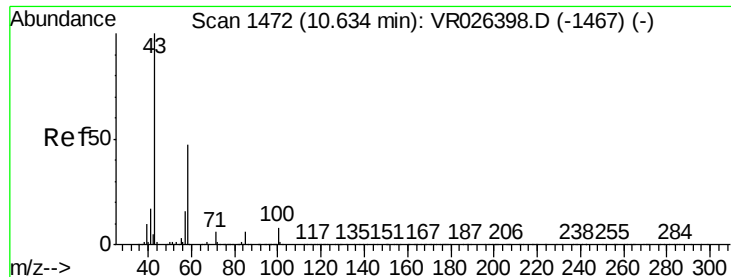
Tgt Ion: 63 Resp: 20725
 Ion Ratio Lower Upper
 63 100
 112 2.5 3.6 5.4#



#47
 Tetrachloroethene
 Concen: 4.163 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. 0.00 min
 Lab File: VR026410.D
 Acq: 27 Feb 2019 18:24

Tgt Ion: 164 Resp: 119195
 Ion Ratio Lower Upper
 164 100
 129 94.1 67.2 124.8
 131 88.5 67.3 125.1
 166 122.1 90.4 167.8

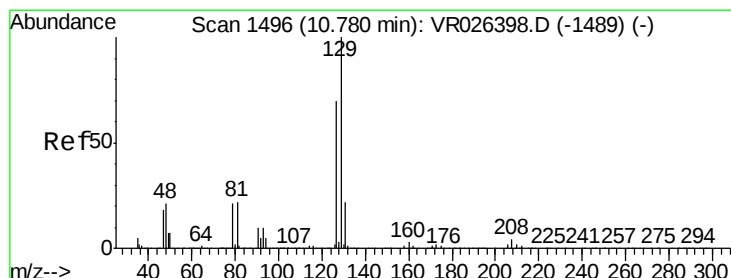
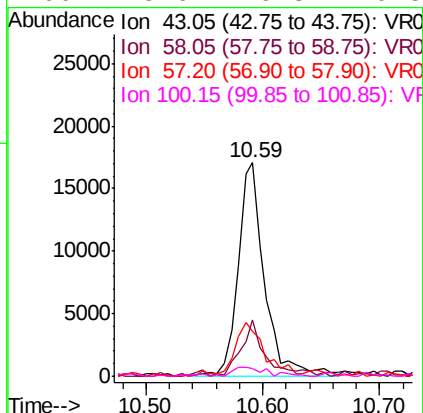
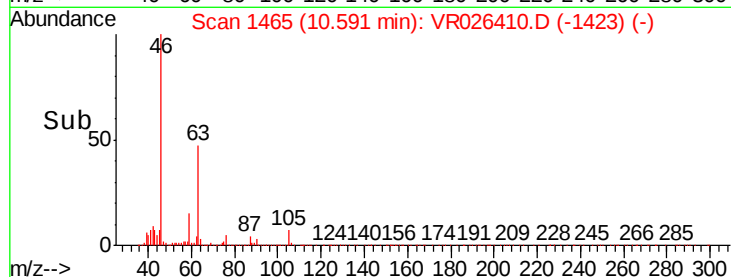
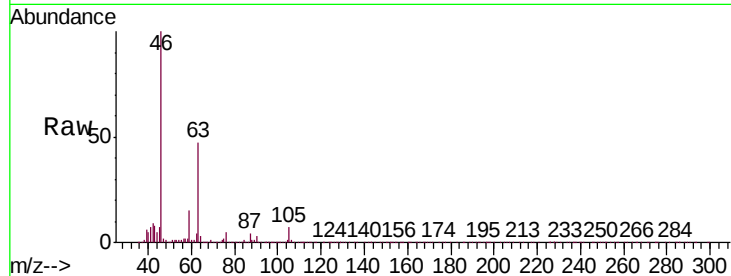




#48
2-Hexanone
Concen: 4.278 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026410.D
Acq: 27 Feb 2019 18:24

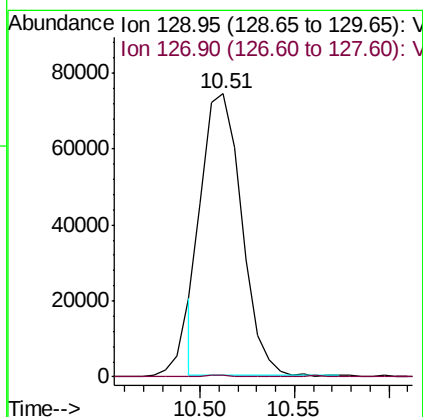
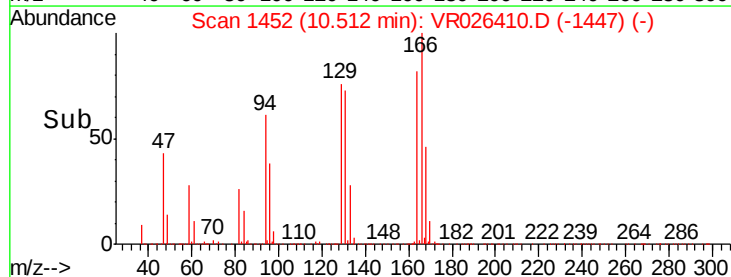
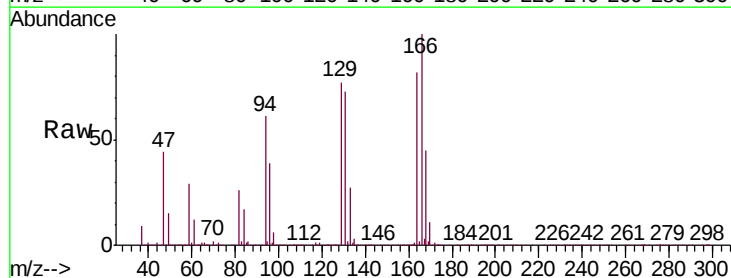
Instrument :
MSVOA_R
ClientSampled :
C0AB3

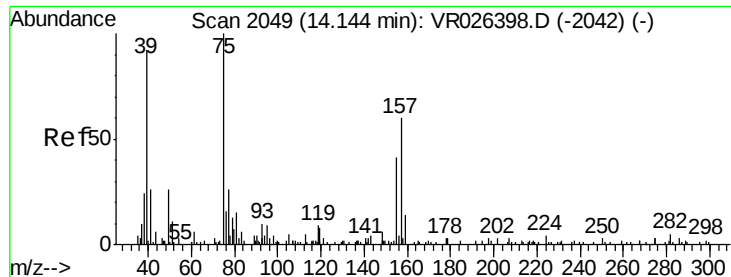
Tgt Ion: 43 Resp: 26944
Ion Ratio Lower Upper
43 100
58 24.3 38.4 57.6#
57 26.6 13.2 19.8#
100 5.6 6.3 9.5#



#49
Dibromochloromethane
Concen: 6.369 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.27 min
Lab File: VR026410.D
Acq: 27 Feb 2019 18:24

Tgt Ion: 129 Resp: 109036
Ion Ratio Lower Upper
129 100
127 0.4 52.1 96.7#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.216 ug/L
 RT: 14.15 min Scan# 2050
 Delta R.T. 0.01 min
 Lab File: VR026410.D
 Acq: 27 Feb 2019 18:24

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AB3

Tgt Ion: 75 Resp: 241
 Ion Ratio Lower Upper
 75 100
 155 96.8 53.8 80.8#
 157 0.0 67.4 101.0#

