

Data File : VR026425.D
Acq On : 28 Feb 2019 18:29
Operator : SY/MD
Sample : K1624-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0TS2

Quant Time: Mar 01 06:35:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Mar 01 06:30:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	444458	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	367231	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	106697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	191544	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	2.62	69	167126	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	3.60	63	365463	3.58	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	6.58	46	180416	56.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.70%
24) Chloroform-d	7.20	84	348459	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	7.89	65	146183	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	7.85	84	610434	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
36) 1,2-Dichloropropane-d6	8.89	67	167702	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	550165	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.23	79	39898	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	10.59	63	149395	64.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.26%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66049	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	113546	6.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.20%#

Target Compounds

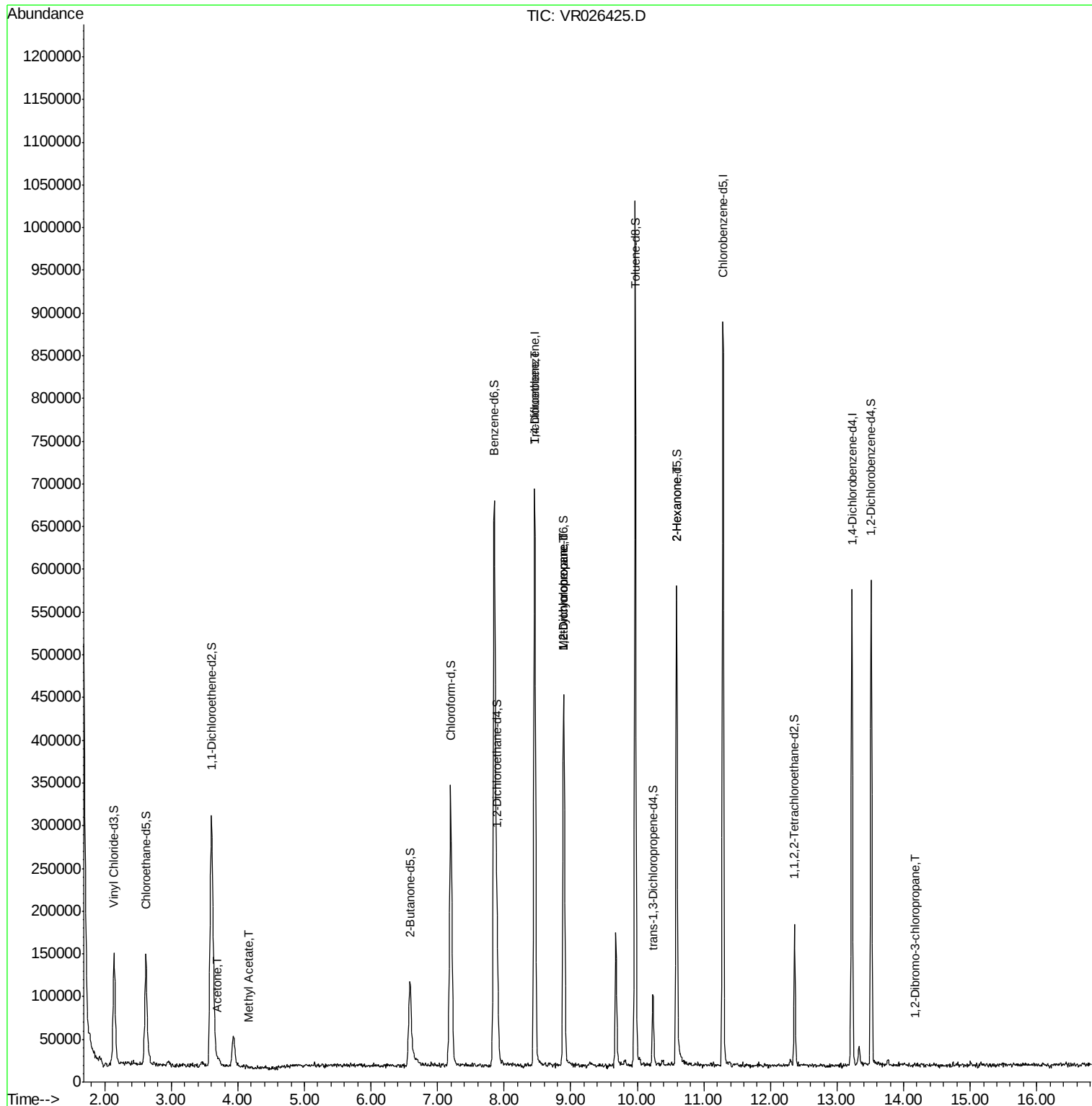
					Qvalue
13) Acetone	3.70	43	6718	2.353 ug/L	84
15) Methyl Acetate	4.16	43	779	0.096 ug/L #	82
34) Trichloroethene	8.46	95	16071	0.453 ug/L #	11
35) Methylcyclohexane	8.89	83	41276	0.820 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	22007	0.734 ug/L #	90
48) 2-Hexanone	10.59	43	25107	4.434 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.16	75	151	0.151 ug/L #	24

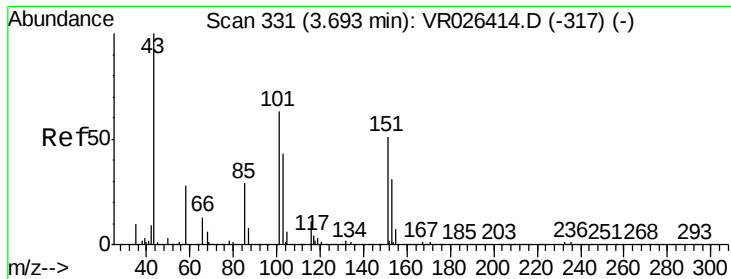
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.353 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Acq: 28 Feb 2019 18:29

Instrument :

MSVOA_R

ClientSampleId :

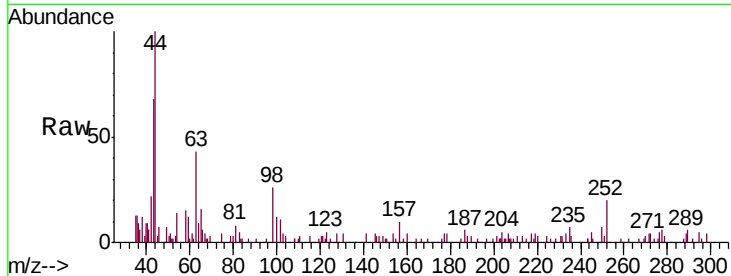
C0TS2

Tgt Ion: 43 Resp: 6718

Ion Ratio Lower Upper

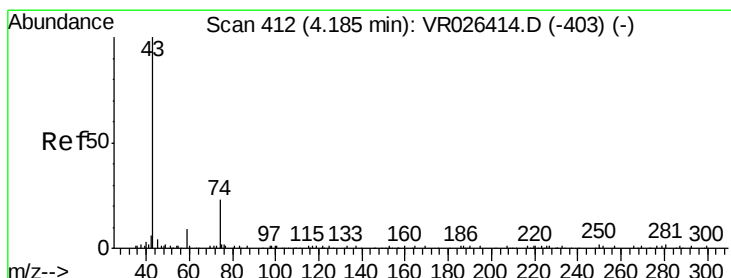
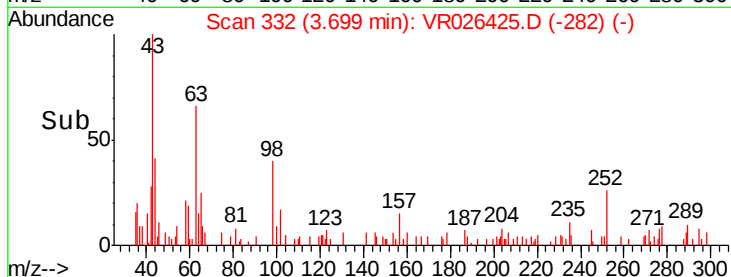
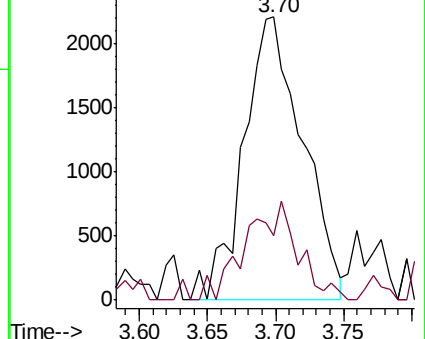
43 100

58 18.2 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 0.096 ug/L

RT: 4.16 min Scan# 408

Delta R.T. -0.02 min

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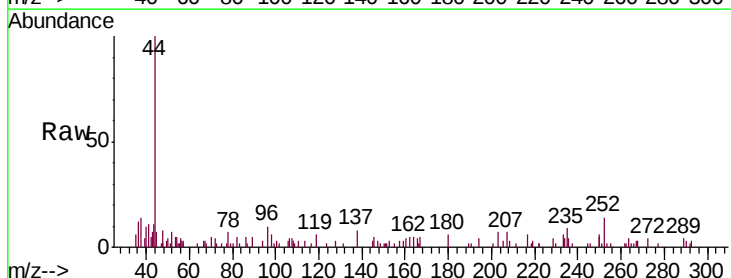
Acq: 28 Feb 2019 18:29

Tgt Ion: 43 Resp: 779

Ion Ratio Lower Upper

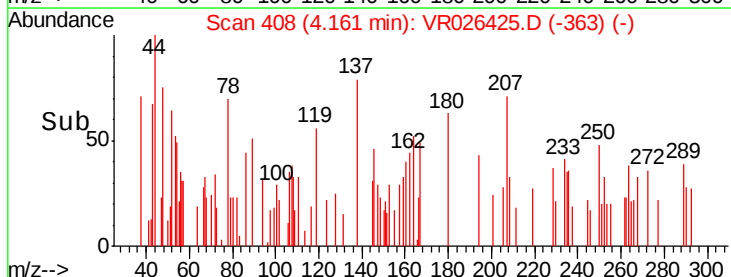
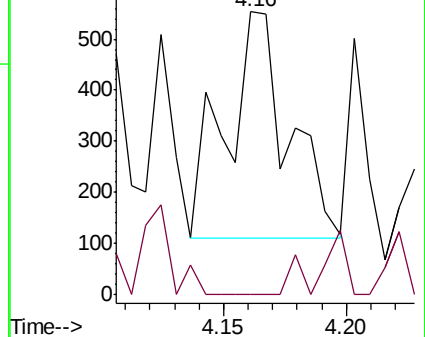
43 100

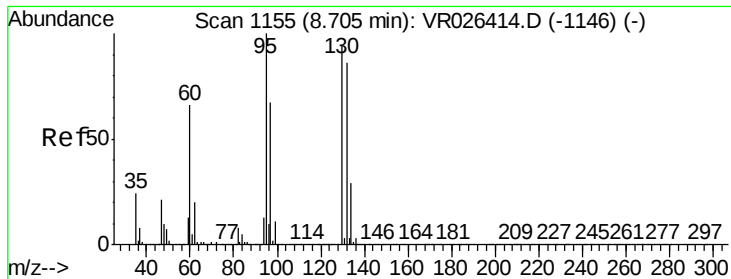
74 12.3 16.6 25.0#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#34

Trichloroethene

Concen: 0.453 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Instrument :

MSVOA_R

ClientSampleId :

COTS2

Tgt Ion: 95 Resp: 16071

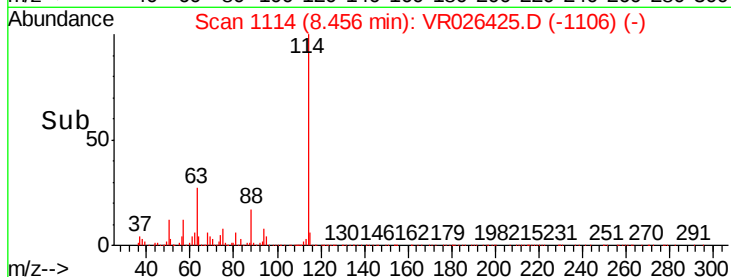
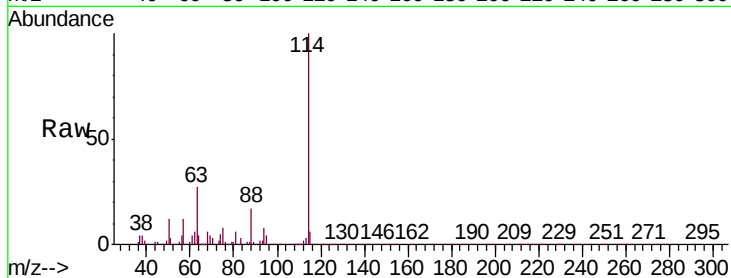
Ion Ratio Lower Upper

95 100

97 0.0 43.5 80.7#

132 0.0 58.6 108.8#

130 2.5 59.4 110.2#

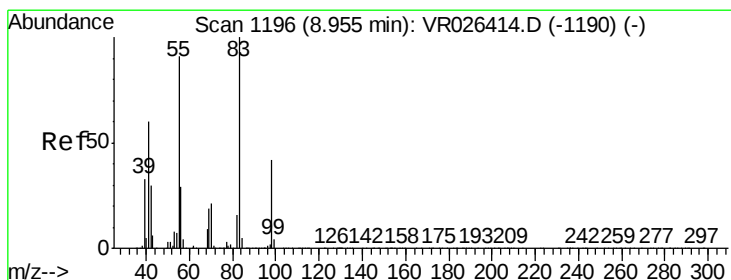
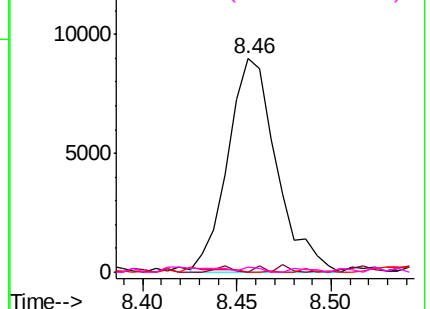


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.820 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

Lab File: VR026425.D

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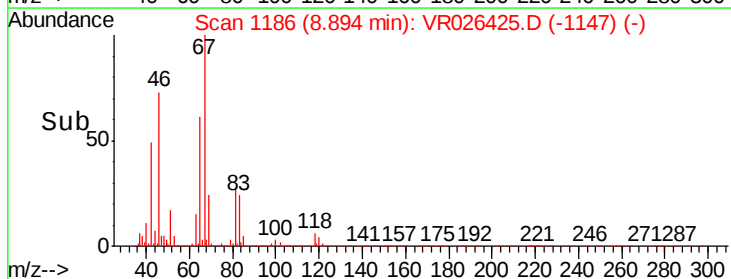
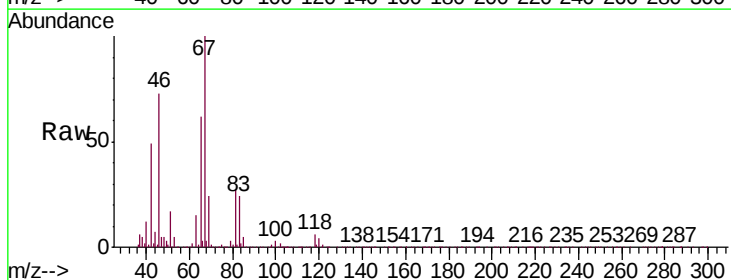
Tgt Ion: 83 Resp: 41276

Ion Ratio Lower Upper

83 100

55 1.1 72.2 108.2#

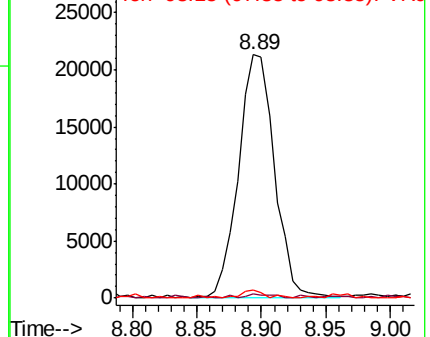
98 2.2 35.0 52.4#

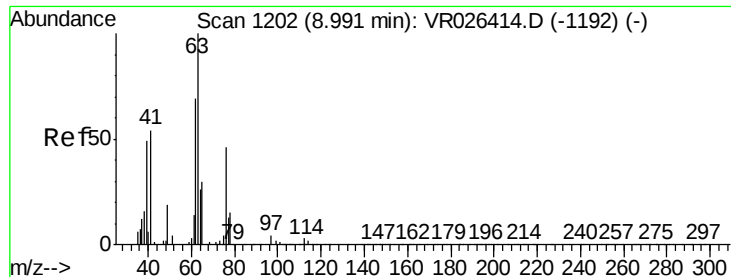


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

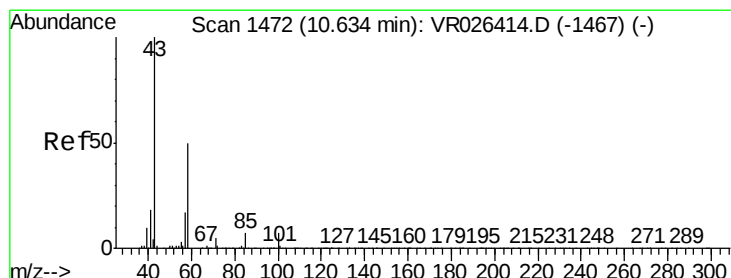
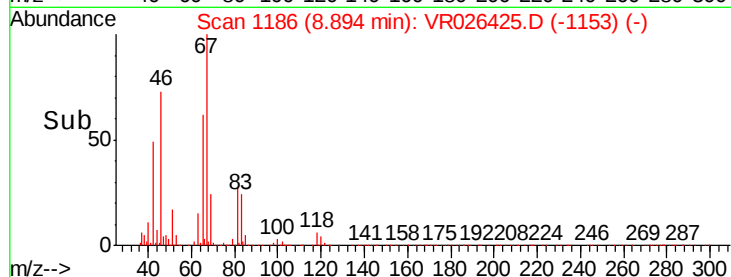
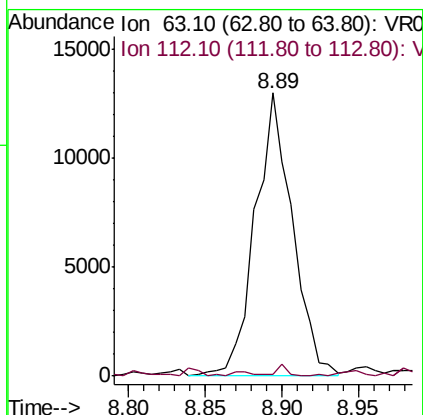
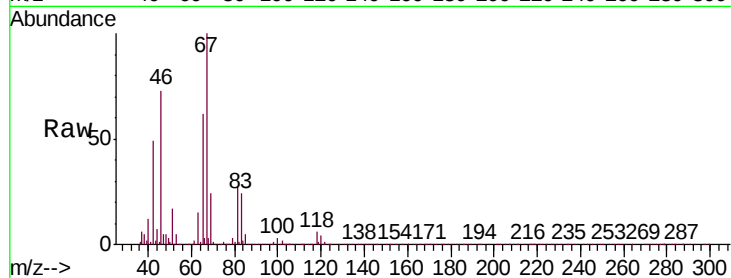




#37
 1,2-Dichloropropane
 Concen: 0.734 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026425.D
 Acq: 28 Feb 2019 18:29

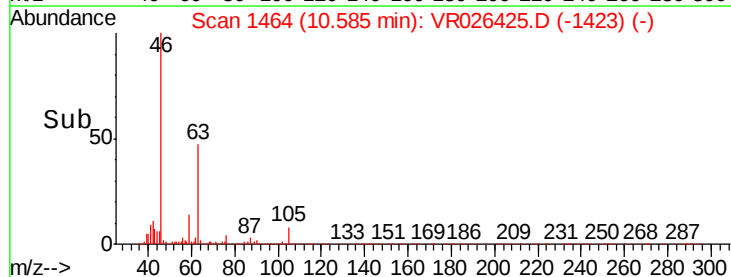
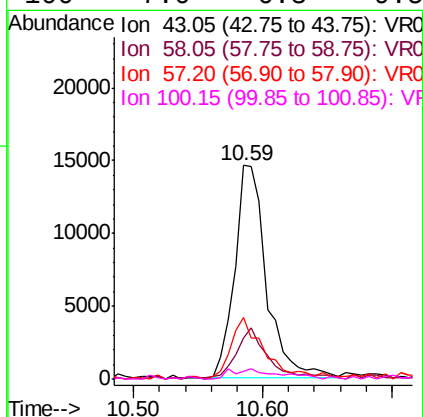
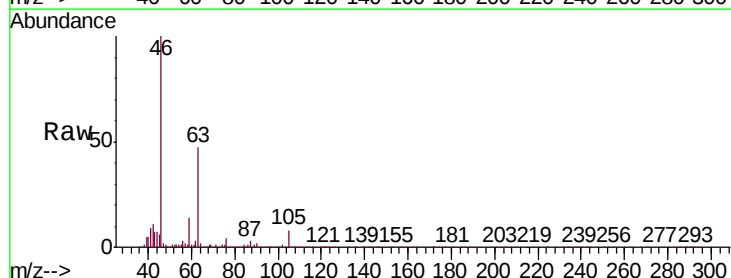
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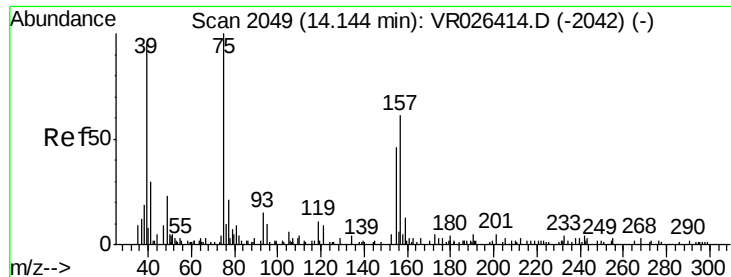
Tgt Ion: 63 Resp: 22007
 Ion Ratio Lower Upper
 63 100
 112 1.3 3.6 5.4#



#48
 2-Hexanone
 Concen: 4.434 ug/L
 RT: 10.59 min Scan# 1464
 Delta R.T. -0.05 min
 Lab File: VR026425.D
 Acq: 28 Feb 2019 18:29

Tgt Ion: 43 Resp: 25107
 Ion Ratio Lower Upper
 43 100
 58 24.5 38.4 57.6#
 57 31.9 13.2 19.8#
 100 7.0 6.3 9.5

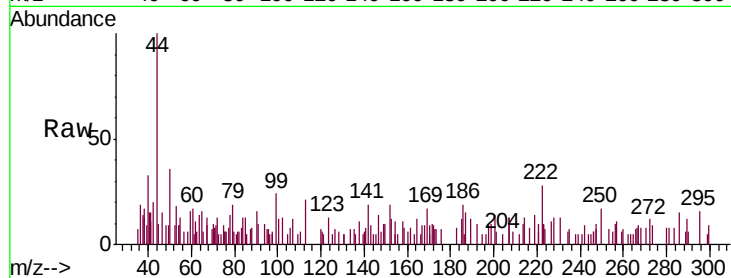




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.151 ug/L
 RT: 14.16 min Scan# 2052
 Delta R.T. 0.02 min
 Lab File: VR026425.D
 Acq: 28 Feb 2019 18:29

Instrument :
 MSVOA_R
 ClientSampleId :
 COTS2

Tgt Ion: 75 Resp: 151
 Ion Ratio Lower Upper
 75 100
 155 23.2 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

