

Data File : VR026182.D
Acq On : 5 Nov 2018 16:20
Operator : SY/MD
Sample : J5801-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
F9D03

Quant Time: Nov 06 03:23:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	600079	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	509230	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	154785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	213871	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	2.62	69	189754	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	3.61	63	403500	3.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.60%
20) 2-Butanone-d5	6.58	46	176829	41.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	7.20	84	337576	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	7.90	65	140358	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	7.85	84	667409	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	8.90	67	180584	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	9.97	98	636869	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
43) trans-1,3-Dichloropropene-	10.24	79	41936	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	10.59	63	135504	42.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69284	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	116285	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

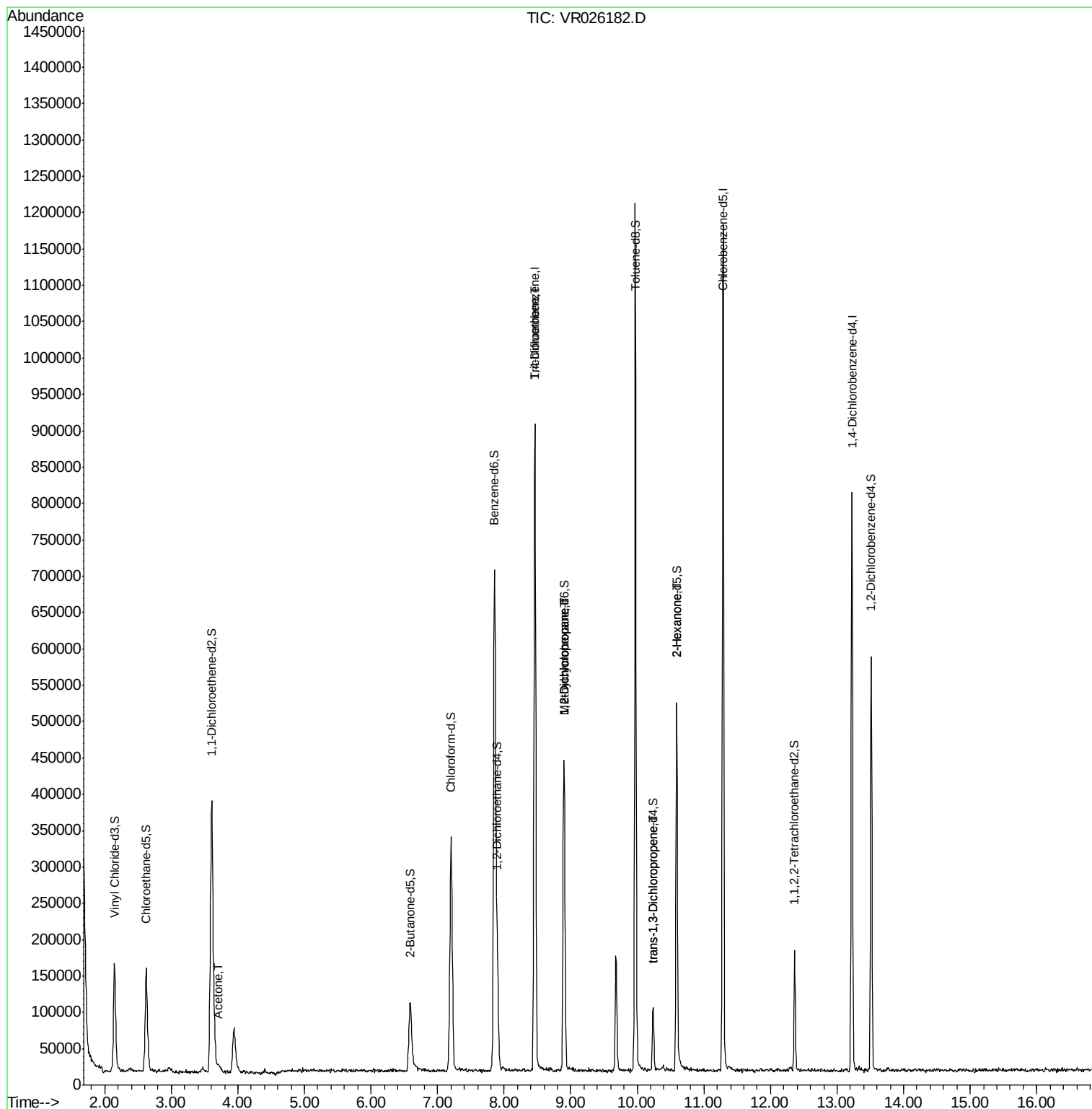
					Qvalue
13) Acetone	3.70	43	12601	2.827 ug/L	96
34) Trichloroethene	8.46	95	20794	0.425 ug/L #	9
35) Methylcyclohexane	8.89	83	43541	0.598 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	23223	0.576 ug/L #	96
44) trans-1,3-Dichloropropene	10.23	75	3013	0.093 ug/L	91
48) 2-Hexanone	10.59	43	21251	2.643 ug/L #	74

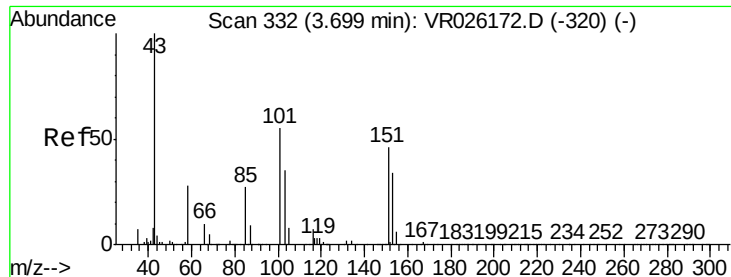
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.827 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

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Acq: 5 Nov 2018 16:20

Instrument :

MSVOA_R

ClientSampled :

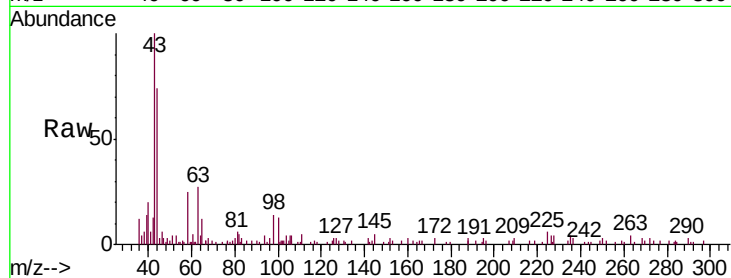
F9D03

Tgt Ion: 43 Resp: 12601

Ion Ratio Lower Upper

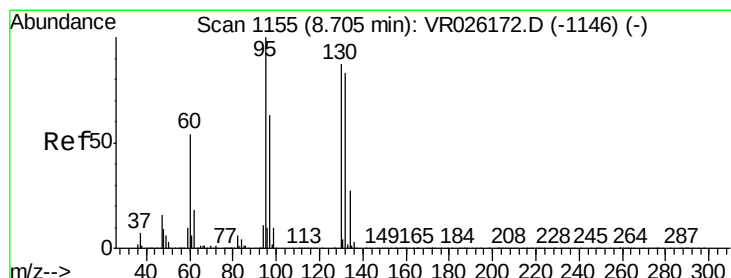
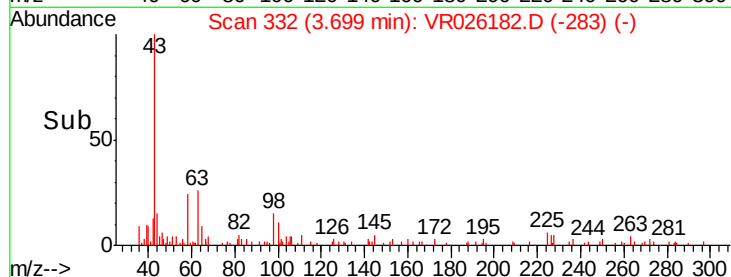
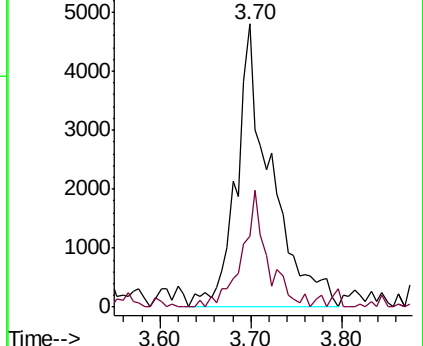
43 100

58 30.0 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.425 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

Lab File: VR026182.D

Acq: 5 Nov 2018 16:20

Tgt Ion: 95 Resp: 20794

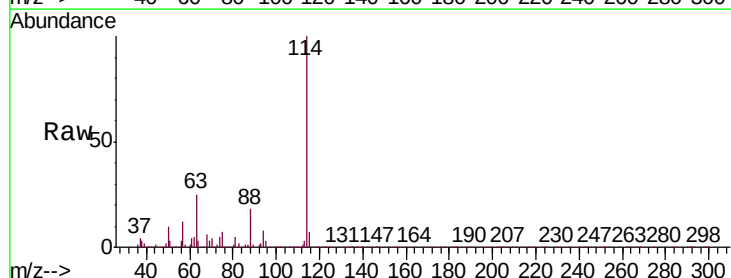
Ion Ratio Lower Upper

95 100

97 1.1 45.7 84.9#

132 0.0 58.3 108.3#

130 0.0 64.0 119.0#

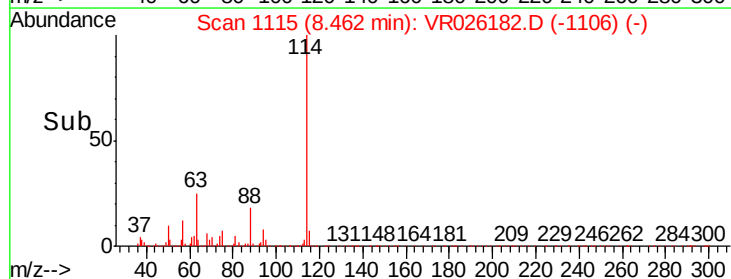
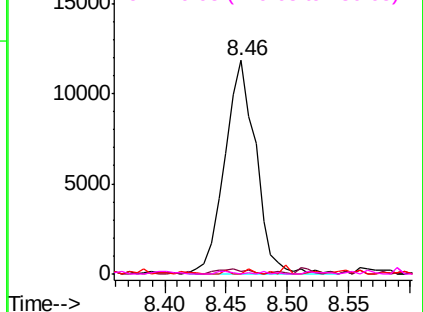


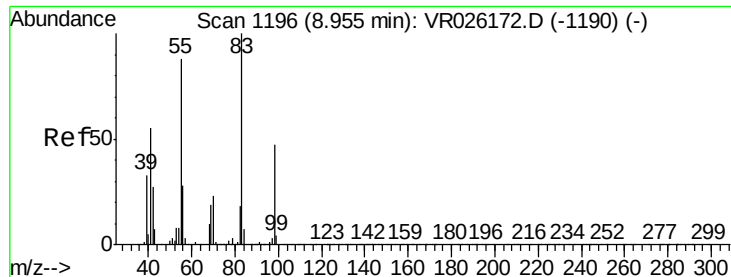
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

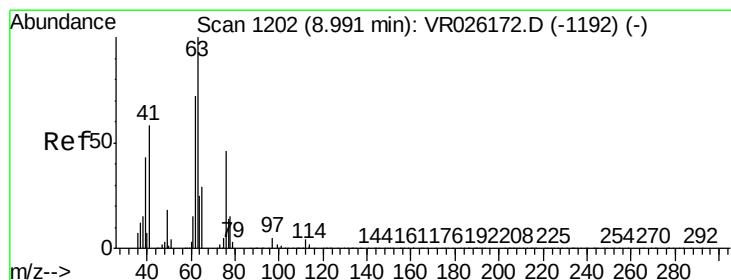
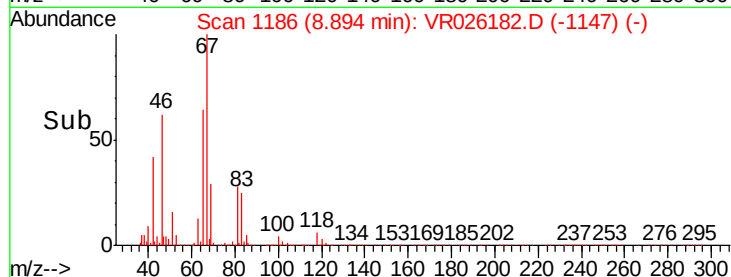
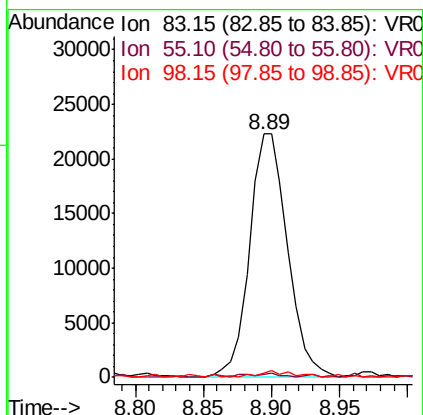
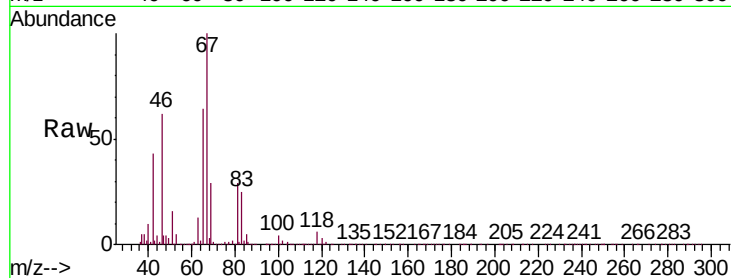




#35
Methylcyclohexane
Concen: 0.598 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026182.D
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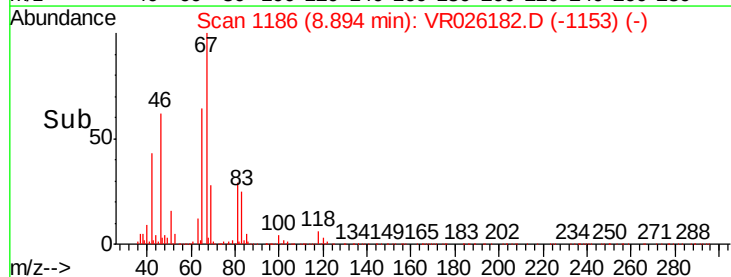
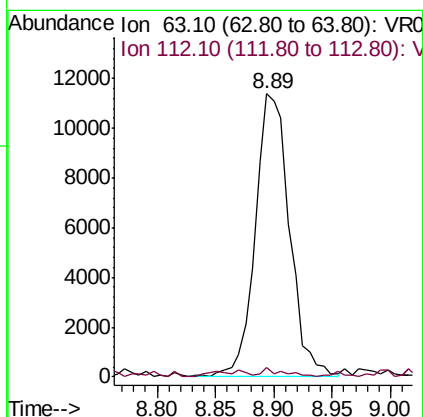
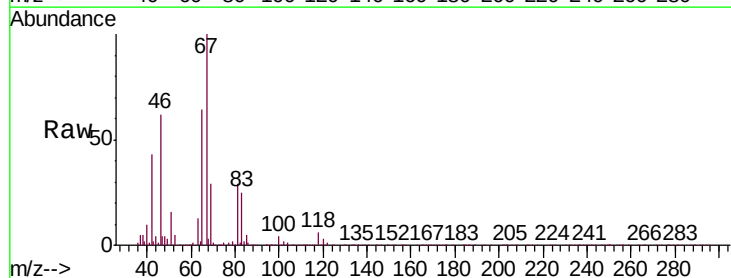
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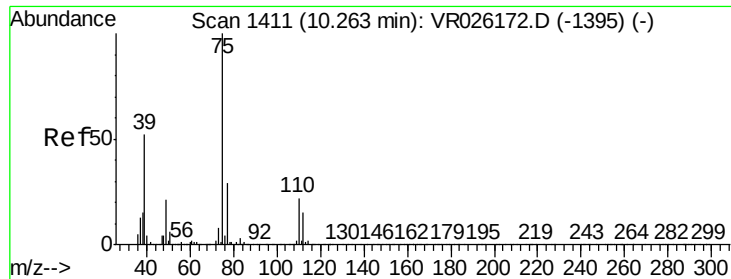
Tgt Ion: 83 Resp: 43541
Ion Ratio Lower Upper
83 100
55 0.9 66.8 100.2#
98 2.5 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.576 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026182.D
Acq: 5 Nov 2018 16:20

Tgt Ion: 63 Resp: 23223
Ion Ratio Lower Upper
63 100
112 2.0 2.7 4.1#





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026182.D

Acq: 5 Nov 2018 16:20

Instrument :

MSVOA_R

ClientSampleId :

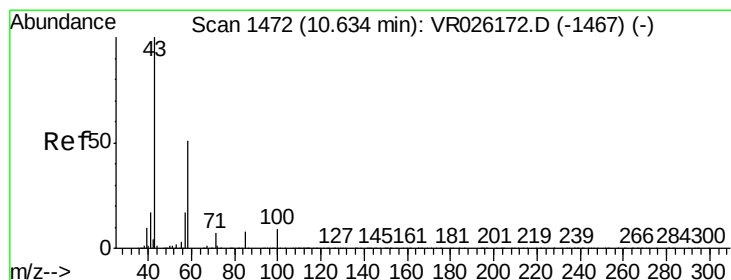
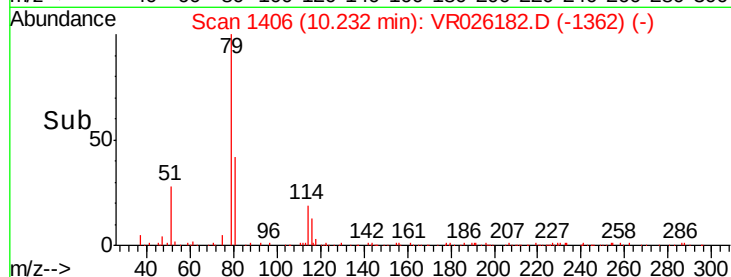
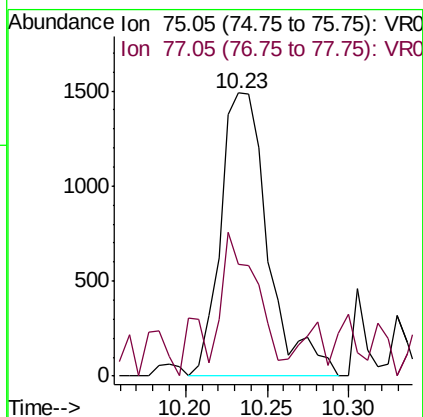
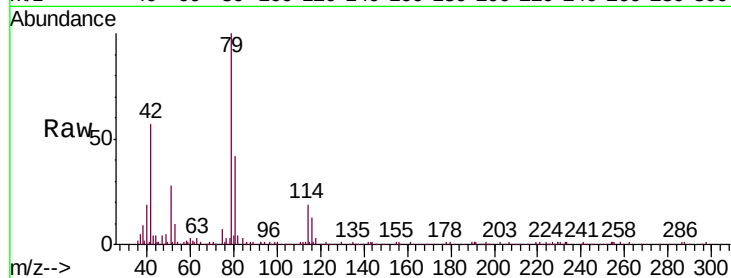
F9D03

Tgt Ion: 75 Resp: 3013

Ion Ratio Lower Upper

75 100

77 39.7 24.1 44.7



#48

2-Hexanone

Concen: 2.643 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026182.D

Acq: 5 Nov 2018 16:20

Tgt Ion: 43 Resp: 21251

Ion Ratio Lower Upper

43 100

58 30.6 39.6 59.4#

57 31.0 14.0 21.0#

100 4.6 7.0 10.6#

