

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR041119\
 Data File : VR026582.D
 Acq On : 11 Apr 2019 22:56
 Operator : SY/MD
 Sample : K2297-03
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E3YC4

Quant Time: Apr 12 02:12:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR041119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 12 02:06:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	527952	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438444	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	145000	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	183412	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	2.62	69	166156	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	3.60	63	370555	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.59	46	180478	47.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.88%
24) Chloroform-d	7.20	84	354294	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	7.90	65	155165	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	7.85	84	634377	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	8.89	67	169282	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.80%
41) Toluene-d8	9.97	98	572503	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.23	79	33592	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	10.59	63	140006	48.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67709	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	119405	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

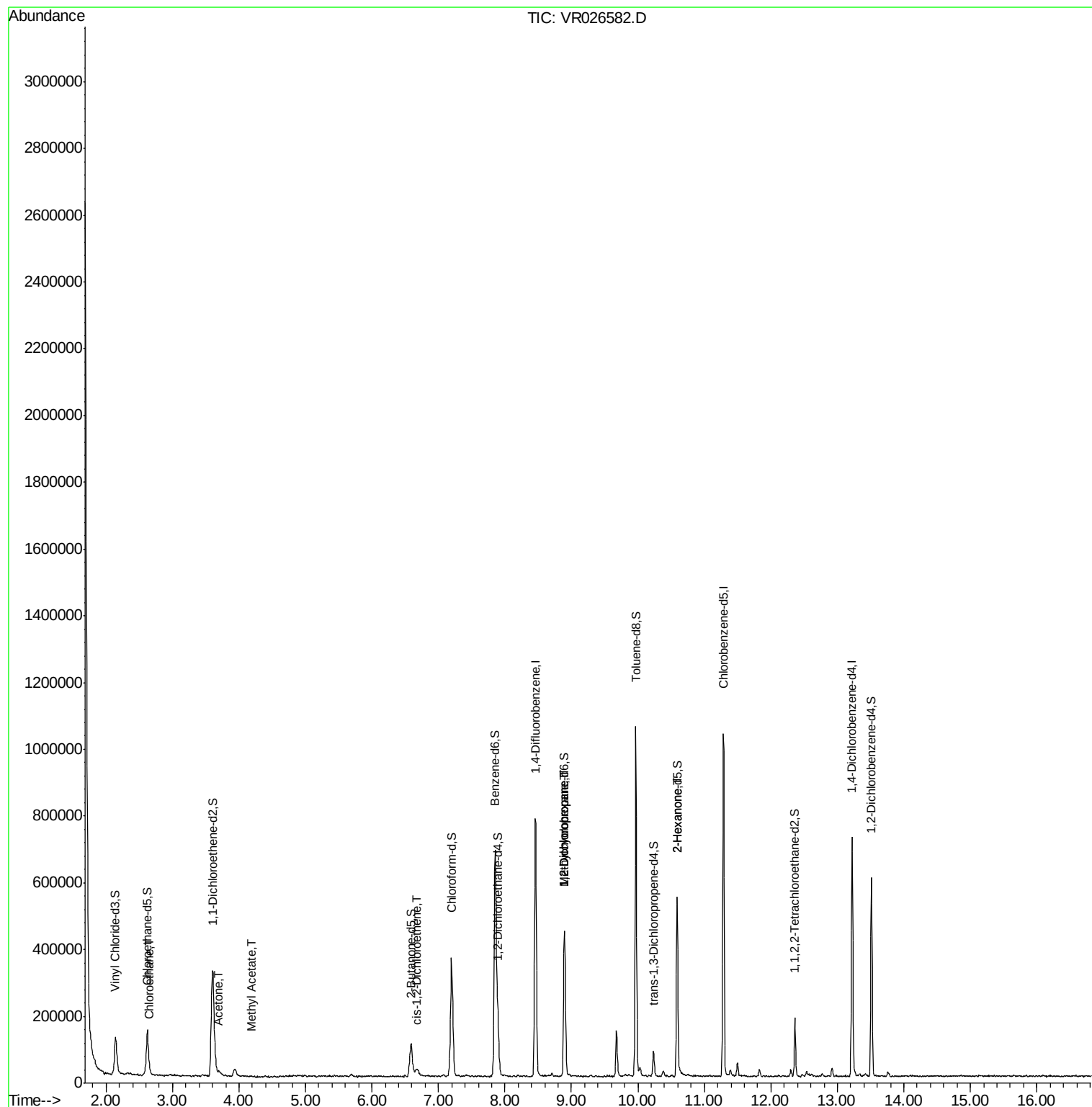
					Ovalue
8) Chloroethane	2.66	64	5659	0.168 ug/L	88
13) Acetone	3.69	43	20578	5.300 ug/L	95
15) Methyl Acetate	4.20	43	1330	0.126 ug/L #	77
22) cis-1,2-Dichloroethene	6.67	96	4430	0.119 ug/L #	87
35) Methylcyclohexane	8.89	83	39664	0.642 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	22366	0.616 ug/L #	92
48) 2-Hexanone	10.59	43	23359	3.059 ug/L #	73

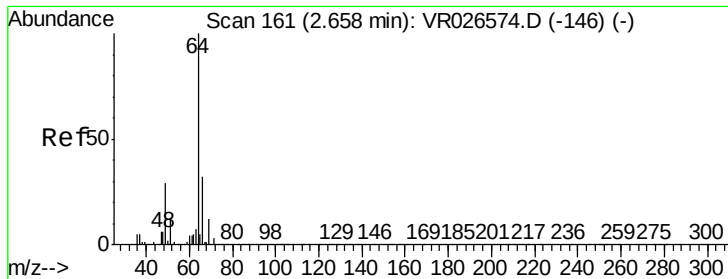
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 12 02:06:27 2019
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#8

Chloroethane

Concen: 0.168 ug/L

RT: 2.66 min Scan# 161

Delta R.T. 0.00 min

Lab File: VR026582.D

Acq: 11 Apr 2019 22:56

Instrument :

MSVOA_R

ClientSampled :

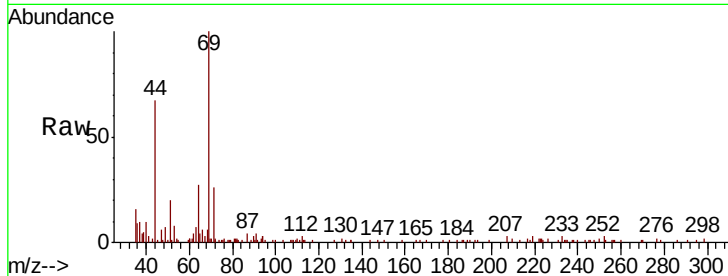
E3YC4

Tot Ion: 64 Resp: 5659

Ion Ratio Lower Upper

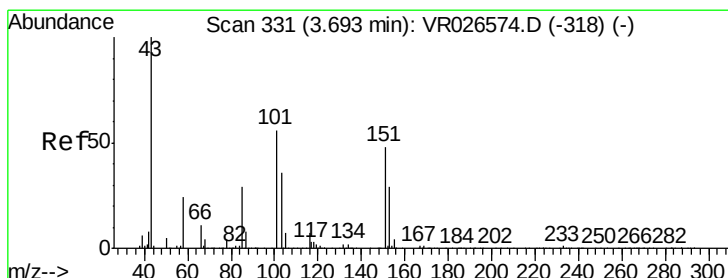
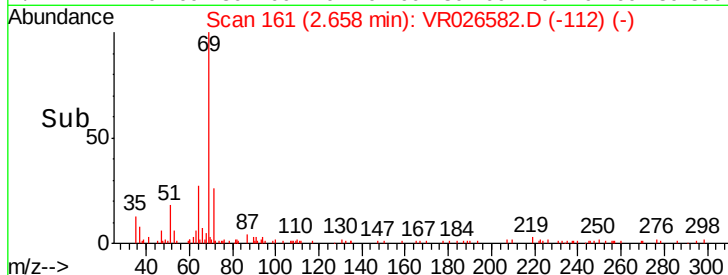
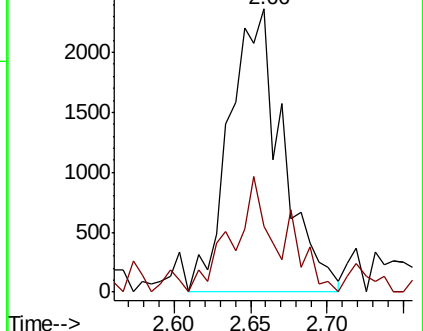
64 100

66 23.4 20.7 38.5



Abundance Ion 64.10 (63.80 to 64.80): VR0

Ion 66.05 (65.75 to 66.75): VR0



#13

Acetone

Concen: 5.300 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.00 min

Lab File: VR026582.D

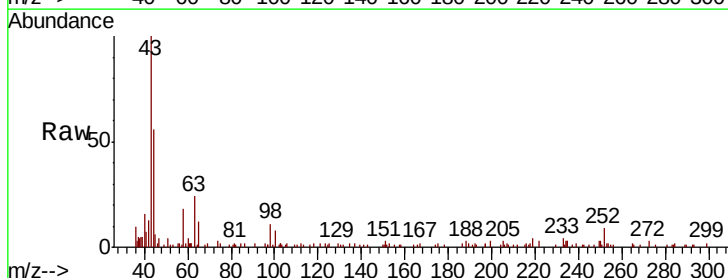
Acq: 11 Apr 2019 22:56

Tgt Ion: 43 Resp: 20578

Ion Ratio Lower Upper

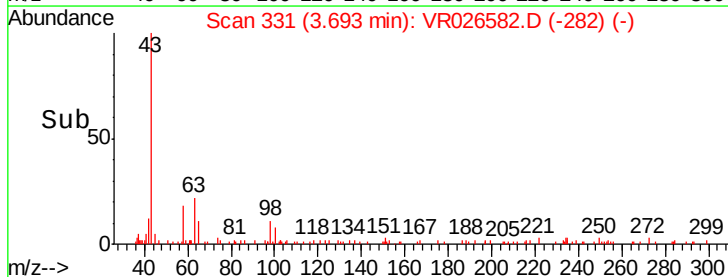
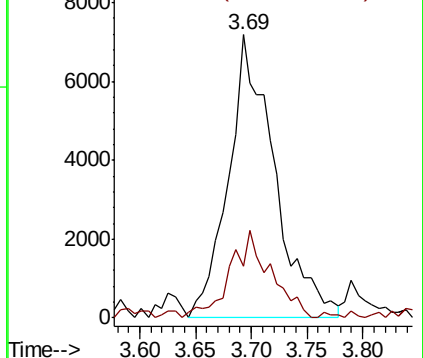
43 100

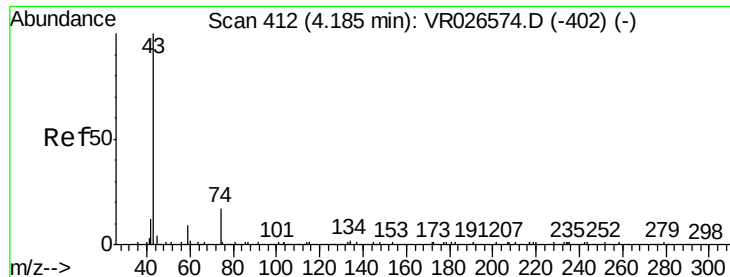
58 27.3 0.0 49.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

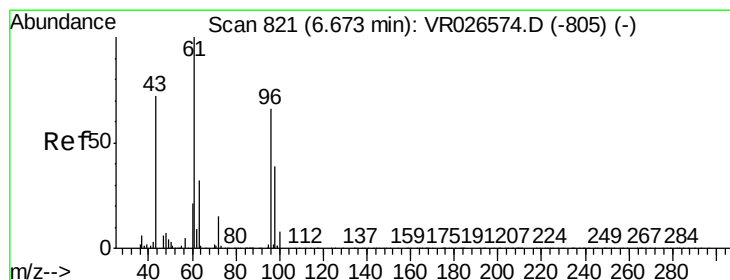
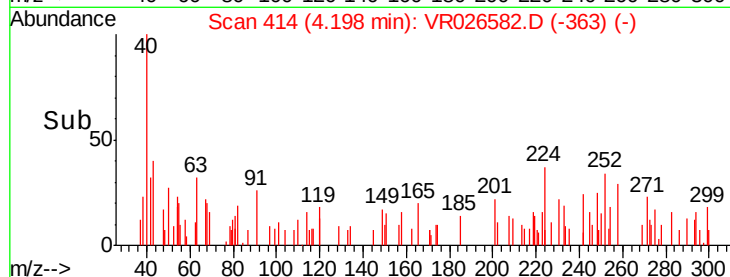
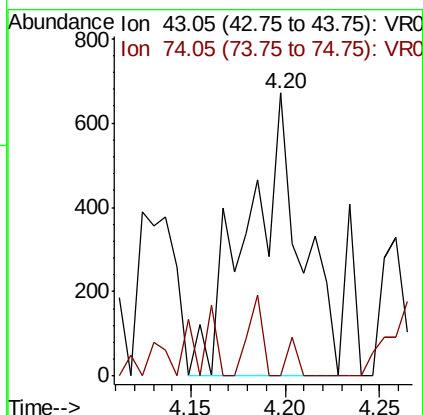
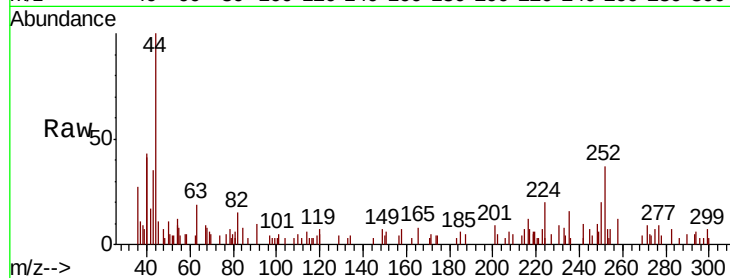




#15
Methyl Acetate
Concen: 0.126 ug/L
RT: 4.20 min Scan# 414
Delta R.T. 0.01 min
Lab File: VR026582.D
Acq: 11 Apr 2019 22:56

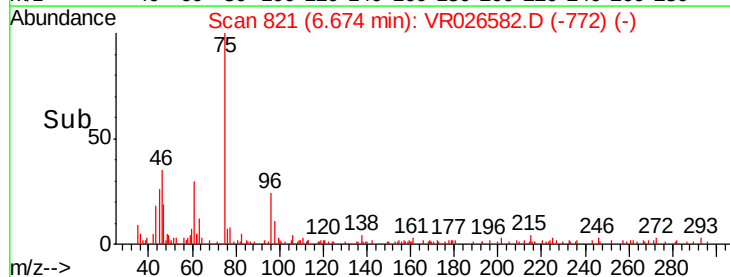
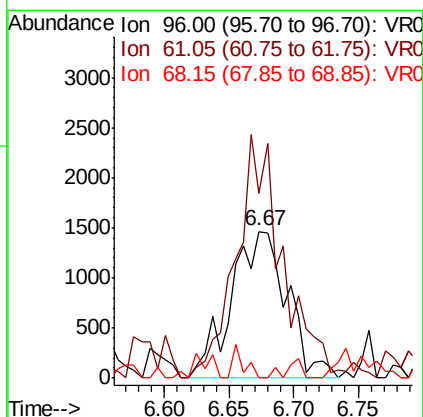
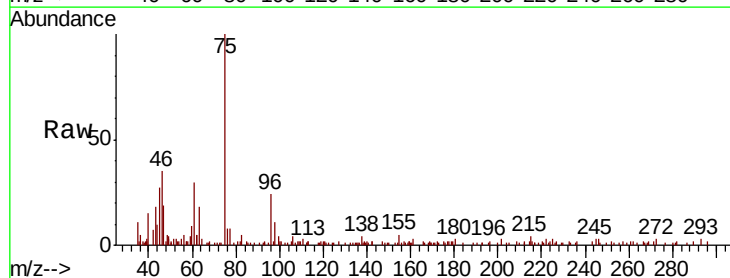
Instrument :
MSVOA_R
ClientSampled :
E3YC4

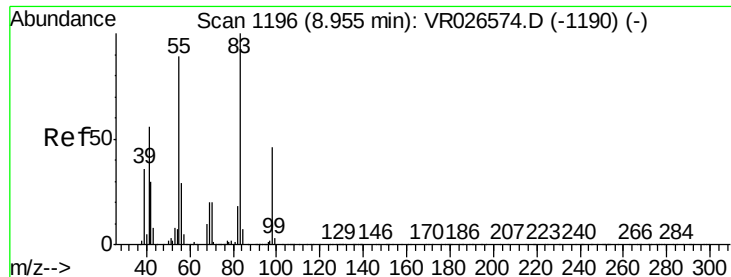
Tot Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
74 2.5 9.0 13.6#



#22
cis-1,2-Dichloroethene
Concen: 0.119 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026582.D
Acq: 11 Apr 2019 22:56

Tgt Ion: 96 Resp: 4430
Ion Ratio Lower Upper
96 100
61 125.8 99.3 184.5
68 0.0 0.1 0.3#

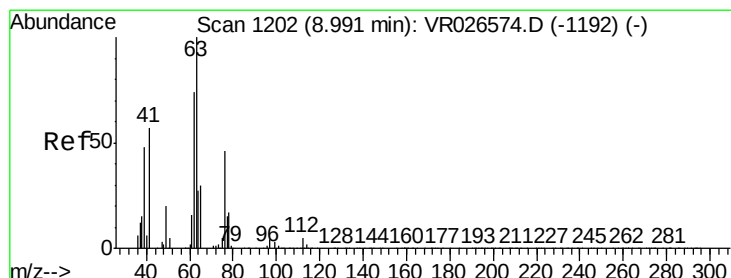
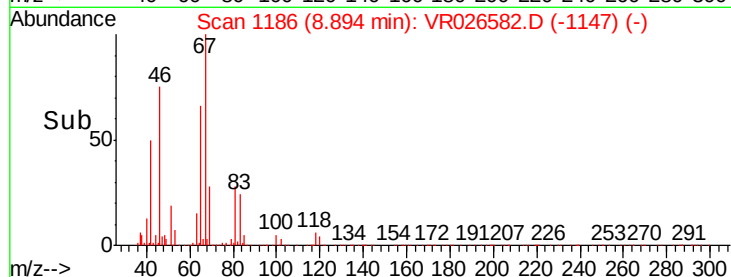
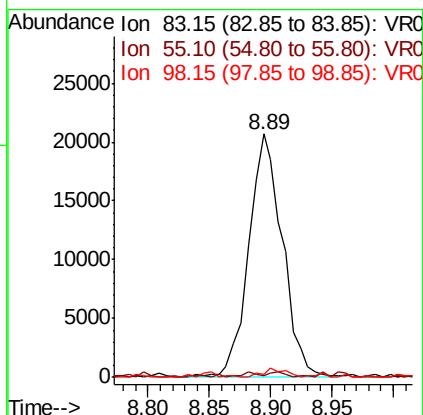
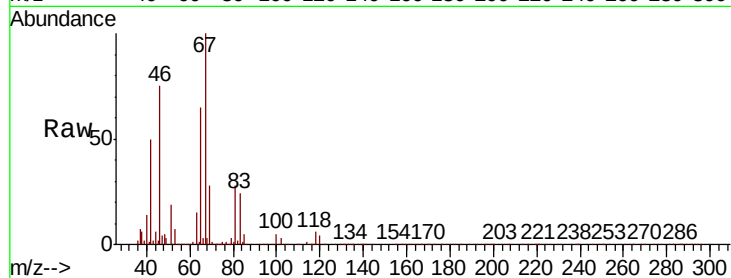




#35
Methylcyclohexane
Concen: 0.642 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026582.D
Acq: 11 Apr 2019 22:56

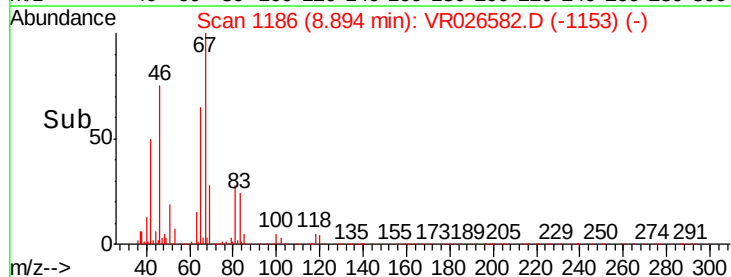
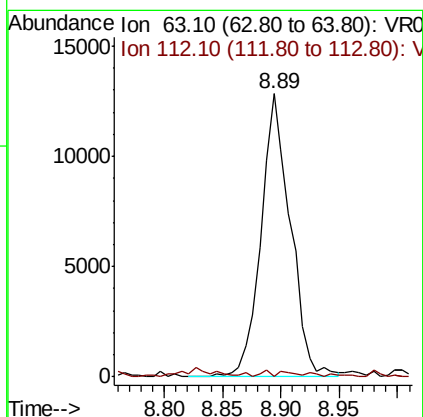
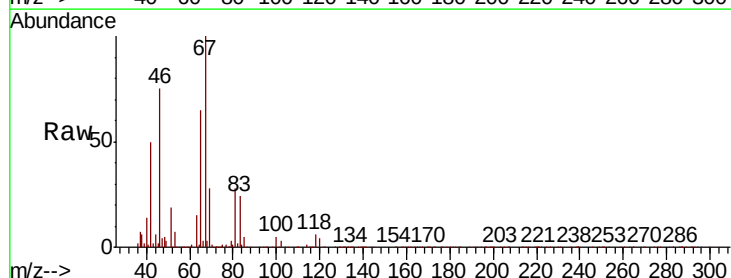
Instrument :
MSVOA_R
ClientSampled :
E3YC4

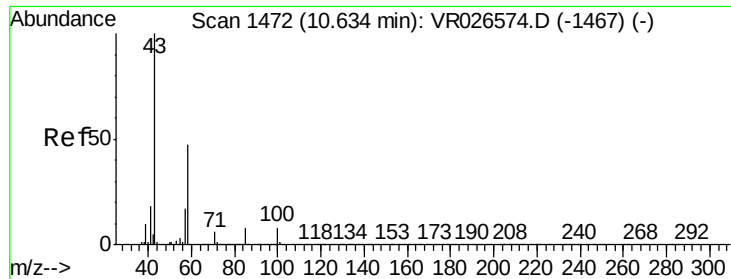
Tot Ion: 83 Resp: 39664
Ion Ratio Lower Upper
83 100
55 1.0 70.7 106.1#
98 2.3 36.0 54.0#



#37
1,2-Dichloropropane
Concen: 0.616 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026582.D
Acq: 11 Apr 2019 22:56

Tgt Ion: 63 Resp: 22366
Ion Ratio Lower Upper
63 100
112 1.0 3.0 4.4#





#48

2-Hexanone

Concen: 3.059 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026582.D

Acq: 11 Apr 2019 22:56

Instrument :

MSVOA_R

ClientSampleId :

E3YC4

Tot Ion: 43 Resp: 23359

Ion Ratio Lower Upper

43 100

58 29.7 37.2 55.8#

57 35.0 13.4 20.0#

100 6.0 6.4 9.6#

