

Data File : VR026470.D
Acq On : 5 Apr 2019 19:02
Operator : SY/MD
Sample : K2271-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7D0

Quant Time: Apr 06 06:01:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	480150	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	387921	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	111938	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	144919	3.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.40%
7) Chloroethane-d5	2.62	69	131244	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	3.61	63	287247	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	138806	42.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.36%
24) Chloroform-d	7.20	84	288890	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	7.89	65	122404	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	7.85	84	513199	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	8.90	67	137532	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	9.97	98	446628	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	10.23	79	27739	3.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.20%
46) 2-Hexanone-d5	10.59	63	107494	47.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	50125	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	88789	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

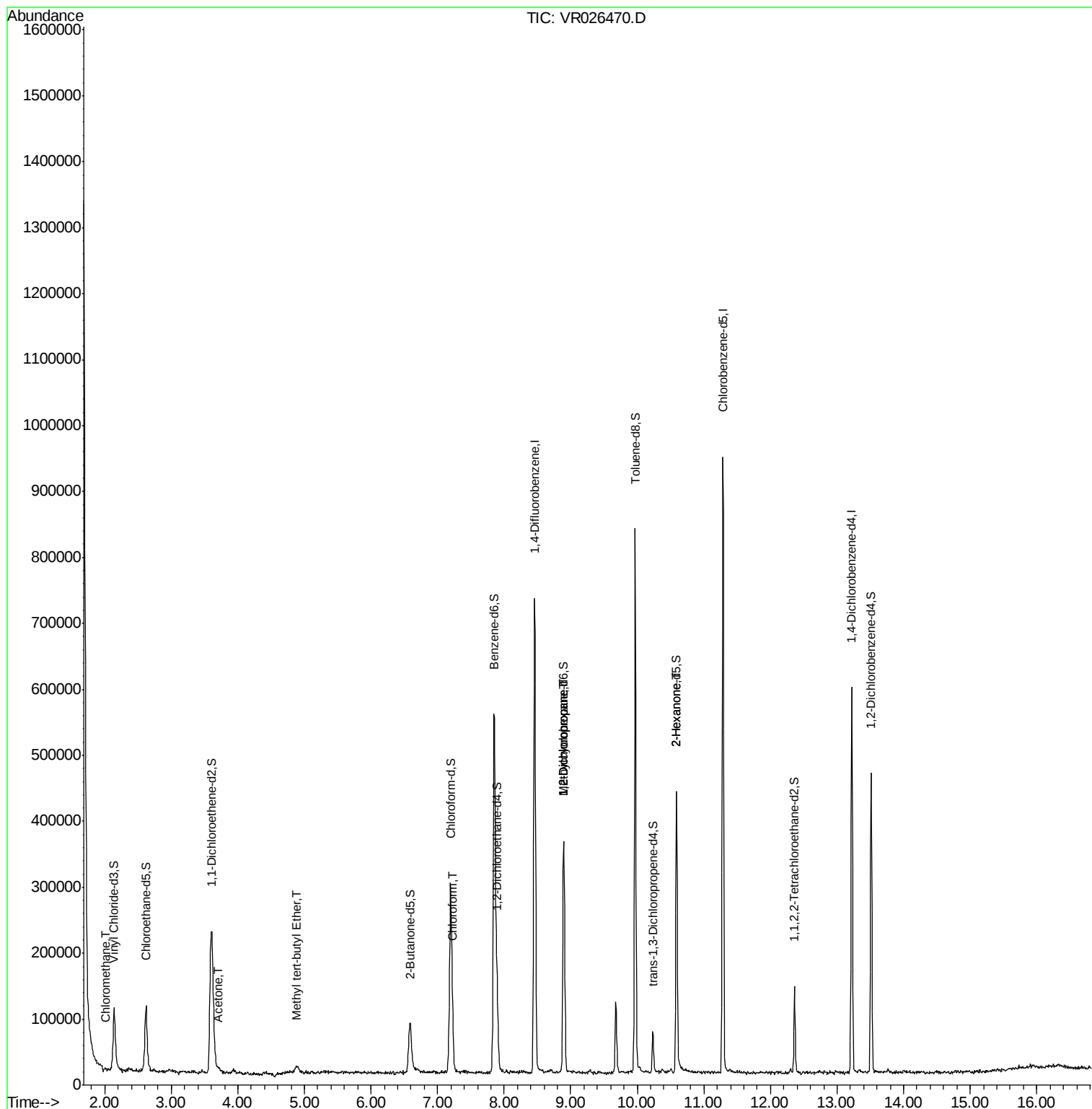
					Qvalue	
3) Chloromethane	2.01	50	4580	0.088	ug/L #	34
13) Acetone	3.69	43	9163	2.788	ug/L	88
17) Methyl tert-butyl Ether	4.88	73	10279	0.212	ug/L #	91
25) Chloroform	7.23	83	28197	0.395	ug/L	90
35) Methylcyclohexane	8.89	83	34573	0.597	ug/L #	15
37) 1,2-Dichloropropane	8.89	63	18313	0.551	ug/L #	91
48) 2-Hexanone	10.59	43	17927	2.769	ug/L #	76

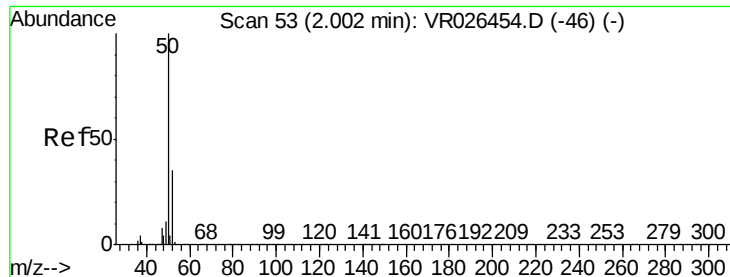
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.088 ug/L

RT: 2.01 min Scan# 54

Delta R.T. 0.01 min

Lab File: VR026470.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_R

ClientSampled :

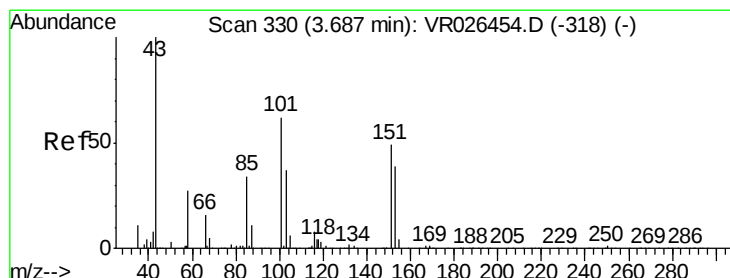
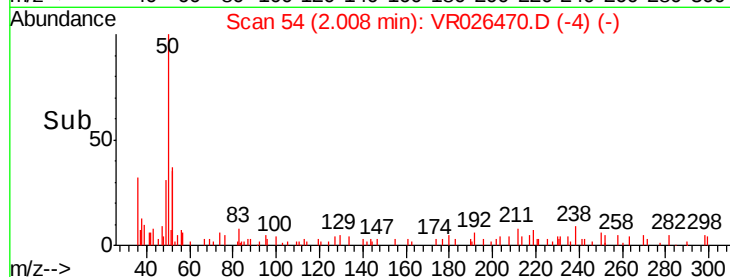
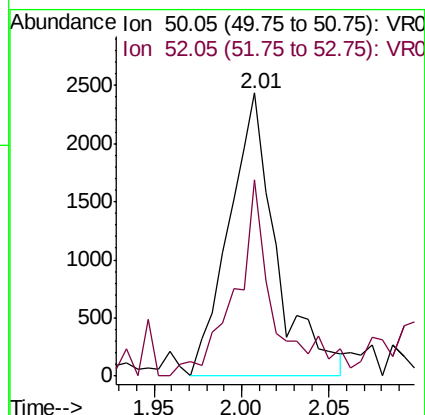
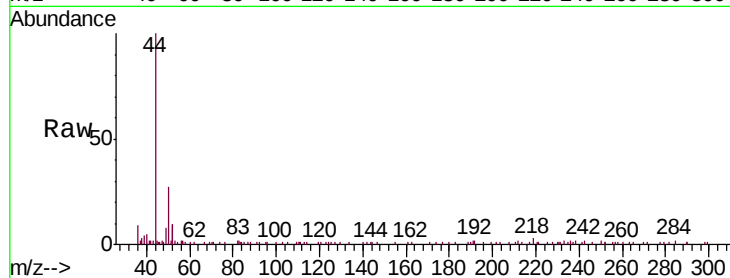
DB7D0

Tgt Ion: 50 Resp: 4580

Ion Ratio Lower Upper

50 100

52 69.2 22.5 41.9#



#13

Acetone

Concen: 2.788 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.01 min

Lab File: VR026470.D

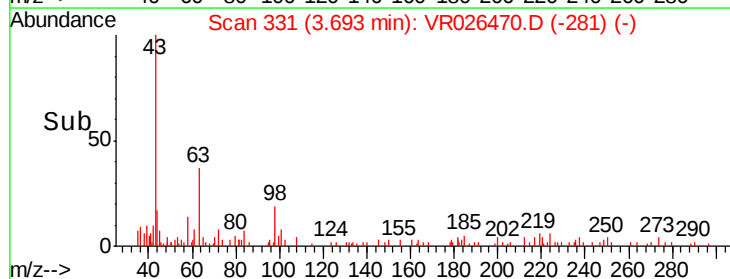
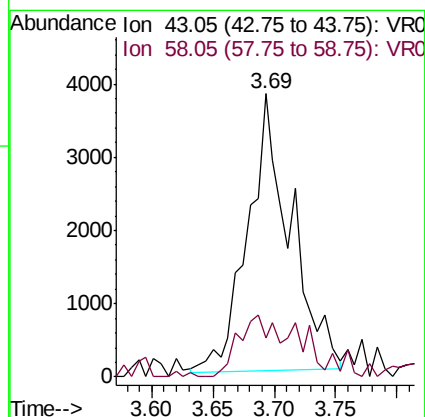
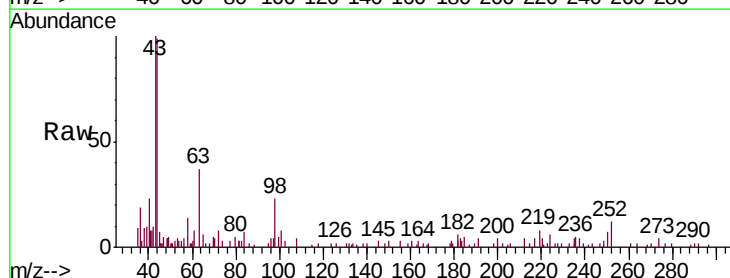
Acq: 5 Apr 2019 19:02

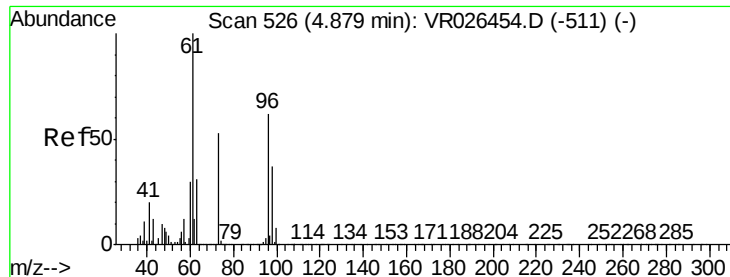
Tgt Ion: 43 Resp: 9163

Ion Ratio Lower Upper

43 100

58 20.9 0.0 53.8

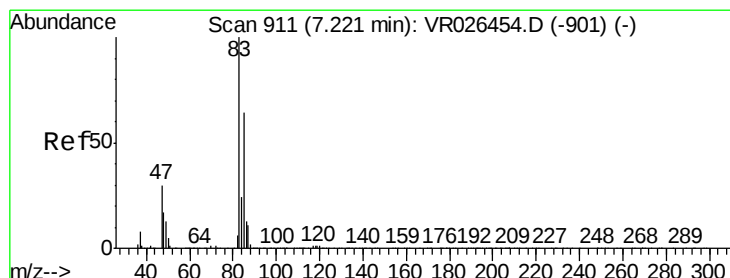
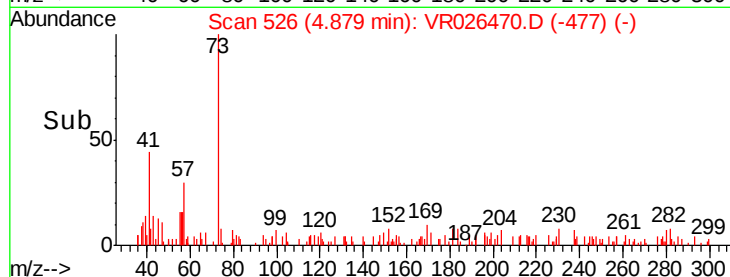
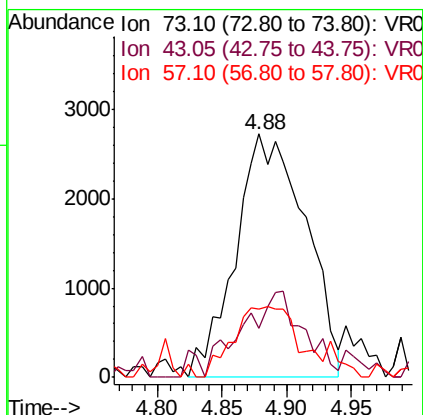
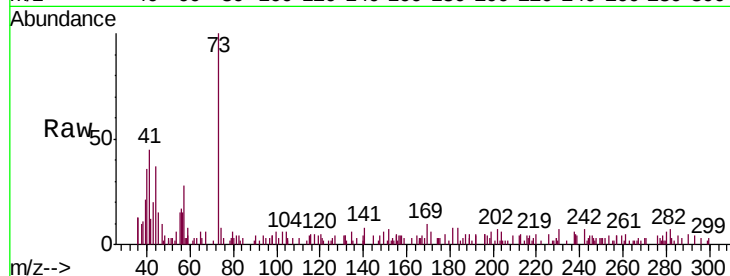




#17
Methyl tert-butyl Ether
Concen: 0.212 ug/L
RT: 4.88 min Scan# 526
Delta R.T. -0.00 min
Lab File: VR026470.D
Acq: 5 Apr 2019 19:02

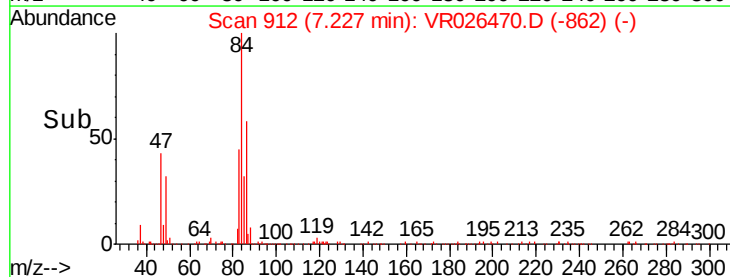
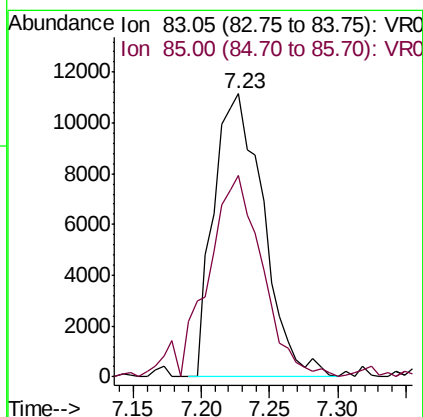
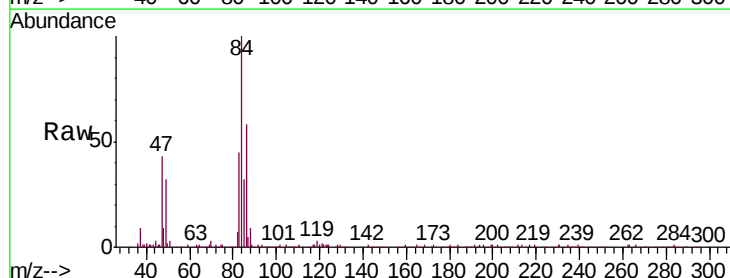
Instrument :
MSVOA_R
ClientSampleId :
DB7D0

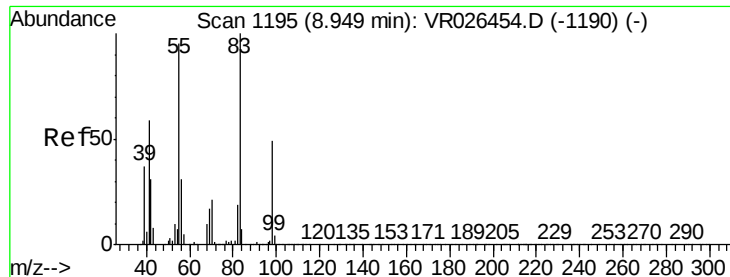
Tgt Ion: 73 Resp: 10279
Ion Ratio Lower Upper
73 100
43 30.9 19.8 29.8#
57 26.6 18.9 28.3



#25
Chloroform
Concen: 0.395 ug/L
RT: 7.23 min Scan# 912
Delta R.T. 0.01 min
Lab File: VR026470.D
Acq: 5 Apr 2019 19:02

Tgt Ion: 83 Resp: 28197
Ion Ratio Lower Upper
83 100
85 71.0 44.2 82.0

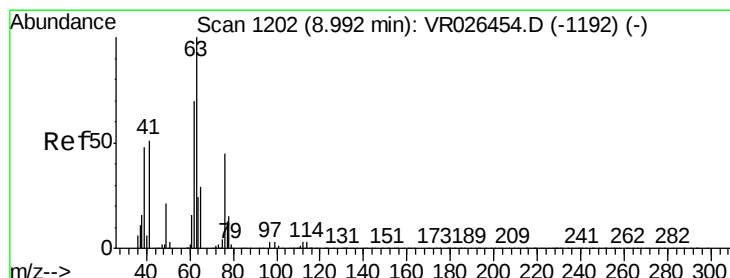
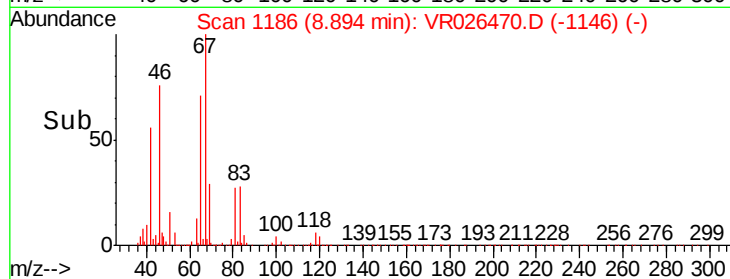
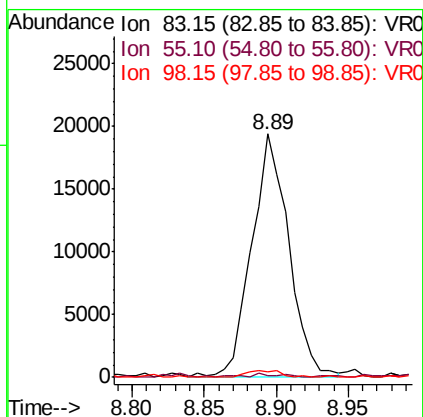
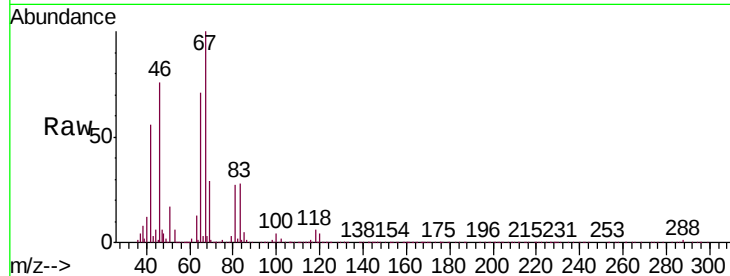




#35
Methylcyclohexane
Concen: 0.597 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026470.D
Acq: 5 Apr 2019 19:02

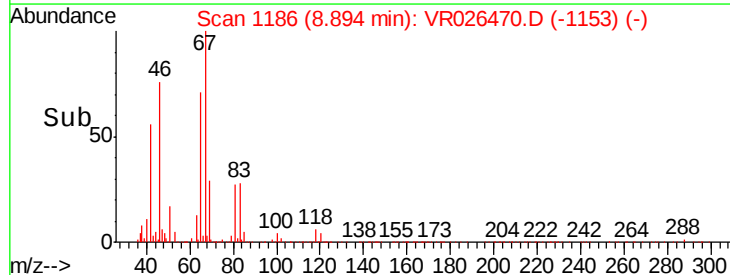
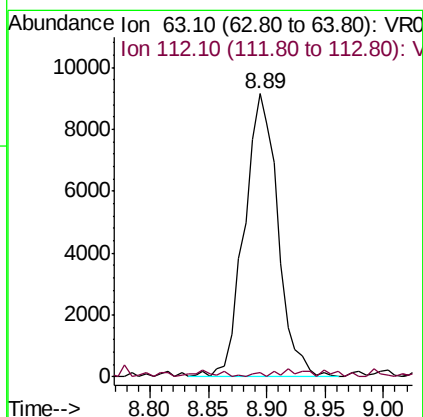
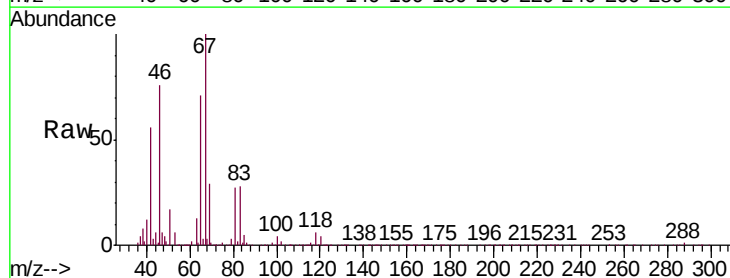
Instrument :
MSVOA_R
ClientSampleID :
DB7D0

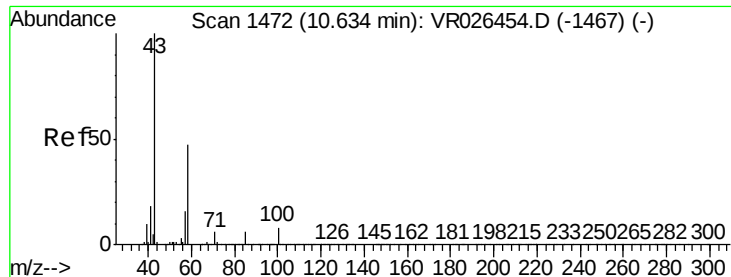
Tgt Ion: 83 Resp: 34573
Ion Ratio Lower Upper
83 100
55 0.9 73.8 110.6#
98 2.8 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.551 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026470.D
Acq: 5 Apr 2019 19:02

Tgt Ion: 63 Resp: 18313
Ion Ratio Lower Upper
63 100
112 0.5 2.8 4.2#





#48

2-Hexanone

Concen: 2.769 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026470.D

Acq: 5 Apr 2019 19:02

Instrument :

MSVOA_R

ClientSampleId :

DB7D0

Tgt Ion: 43 Resp: 17927

Ion Ratio Lower Upper

43 100

58 30.6 38.2 57.2#

57 30.1 13.8 20.6#

100 9.0 6.2 9.2

