

Data File : VR026460.D
Acq On : 5 Apr 2019 13:12
Operator : SY/MD
Sample : K2271-16
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DB7D7

Quant Time: Apr 06 05:58:40 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	499747	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	408710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	120999	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	167839	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	2.62	69	151552	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	3.60	63	331340	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.59	46	159553	47.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.26%
24) Chloroform-d	7.20	84	326640	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	7.89	65	138179	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	7.85	84	599062	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.89	67	159542	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	9.97	98	527337	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	32982	3.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.60%
46) 2-Hexanone-d5	10.59	63	124689	51.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	56068	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	96894	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

					Qvalue
3) Chloromethane	2.01	50	10946	0.203	ug/L 91
13) Acetone	3.69	43	8497	2.484	ug/L 86
35) Methylcyclohexane	8.89	83	37524	0.615	ug/L # 15
37) 1,2-Dichloropropane	8.90	63	21610	0.617	ug/L # 94
47) Tetrachloroethene	10.51	164	7629	0.251	ug/L # 79
48) 2-Hexanone	10.59	43	21362	3.131	ug/L # 76
66) 1,2-Dibromo-3-chloropropan	14.14	75	236	0.191	ug/L # 18

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

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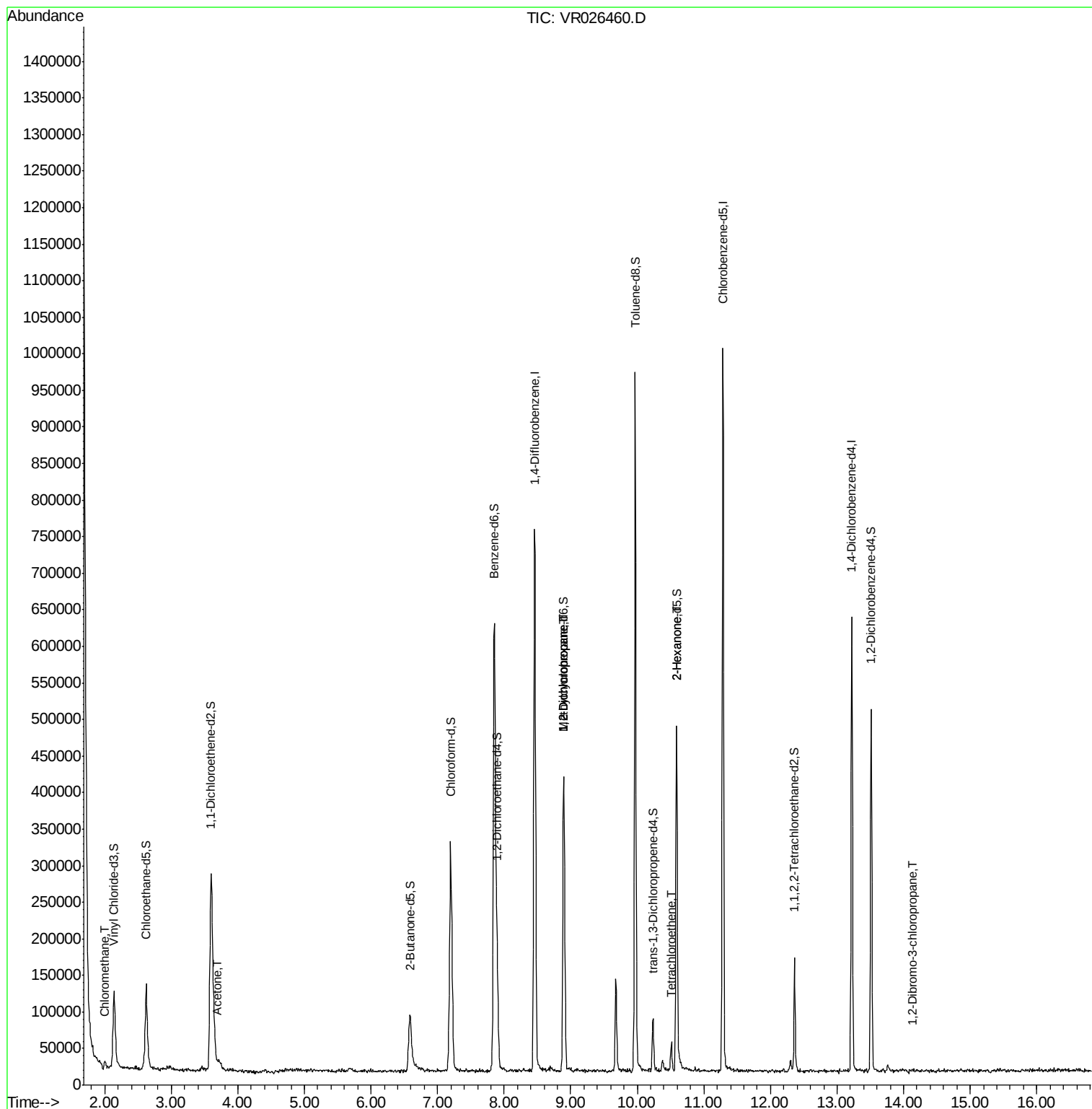
Quant Time: Apr 06 05:58:40 2019

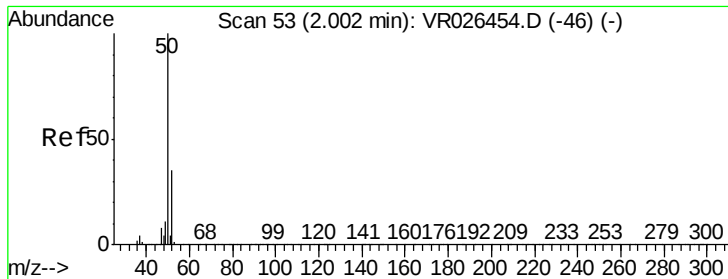
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Sat Apr 06 05:54:53 2019

Response via : Initial Calibration





#3

Chloromethane

Concen: 0.203 ug/L

RT: 2.01 min Scan# 54

Delta R.T. 0.01 min

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Acq: 5 Apr 2019 13:12

Instrument :

MSVOA_R

ClientSampleId :

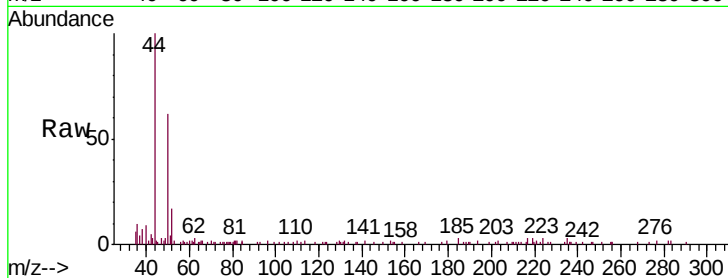
DB7D7

Tgt Ion: 50 Resp: 10946

Ion Ratio Lower Upper

50 100

52 27.4 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0

2.01

5000

4000

3000

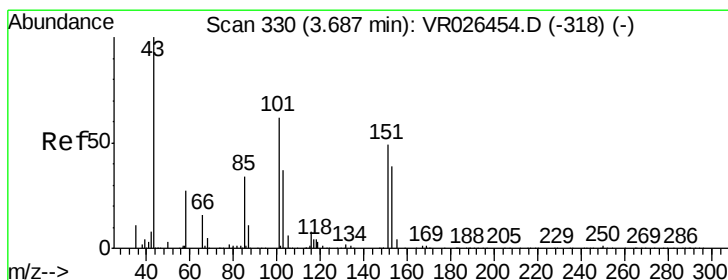
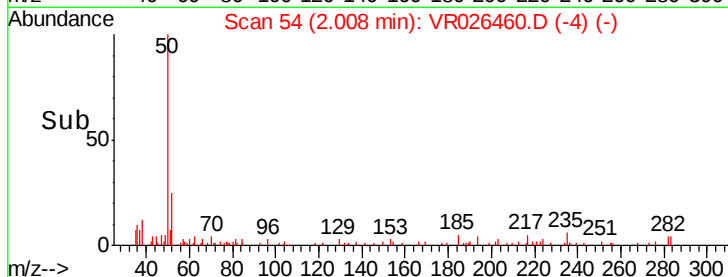
2000

1000

0

Time-->

1.90 1.95 2.00 2.05 2.10



#13

Acetone

Concen: 2.484 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.01 min

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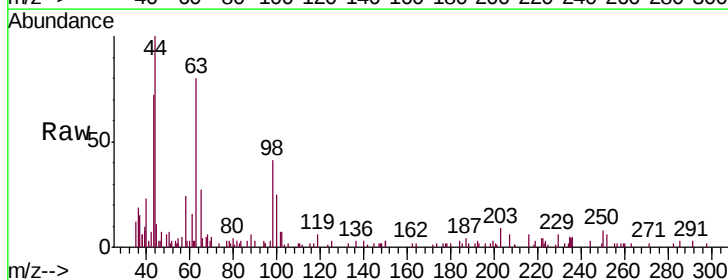
Acq: 5 Apr 2019 13:12

Tgt Ion: 43 Resp: 8497

Ion Ratio Lower Upper

43 100

58 33.9 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.69

3000

2500

2000

1500

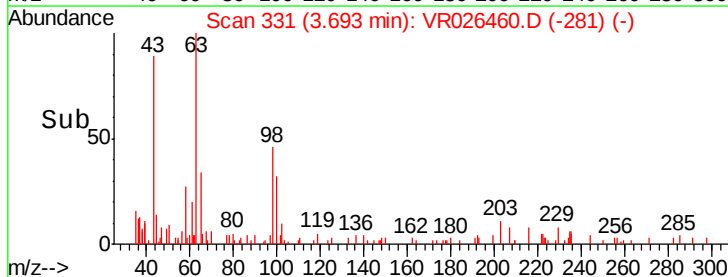
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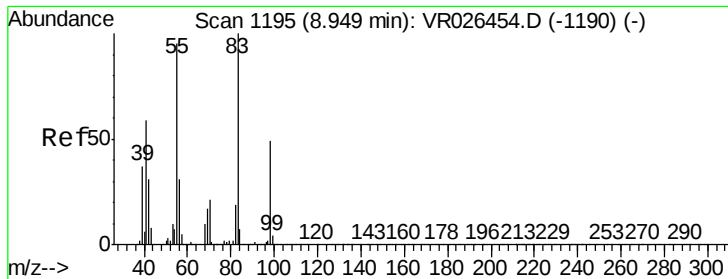
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0

Time-->

3.60 3.65 3.70 3.75

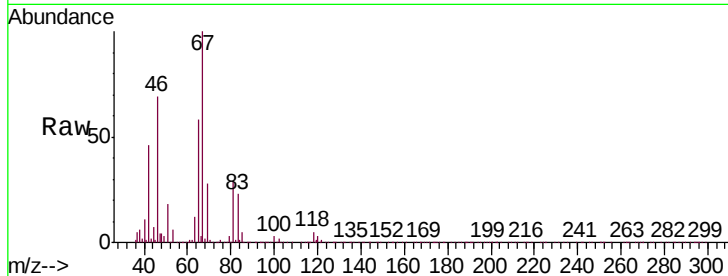




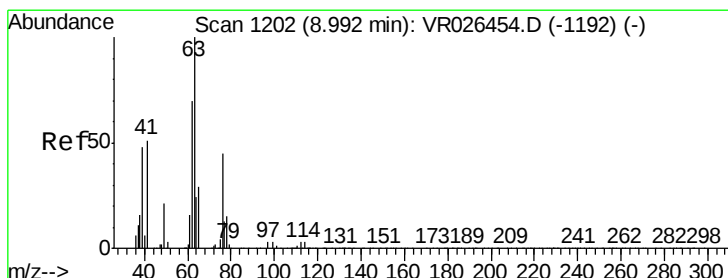
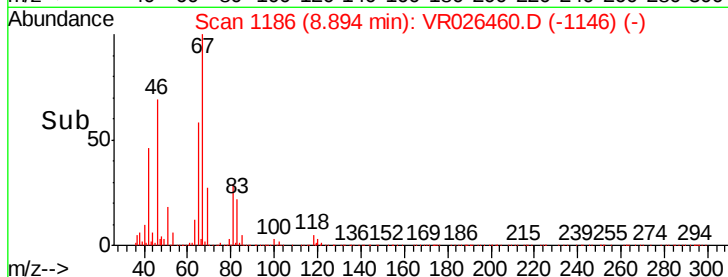
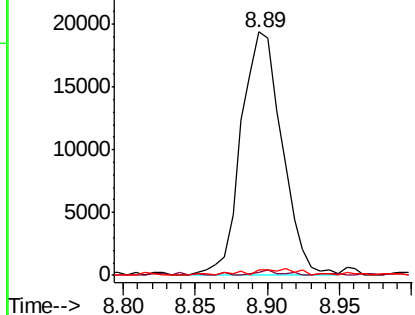
#35
Methylcyclohexane
Concen: 0.615 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.05 min
Lab File: VR026460.D
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Instrument :
MSVOA_R
ClientSampleId :
DB7D7

Tgt Ion: 83 Resp: 37524
Ion Ratio Lower Upper
83 100
55 1.3 73.8 110.6#
98 1.9 34.6 51.8#

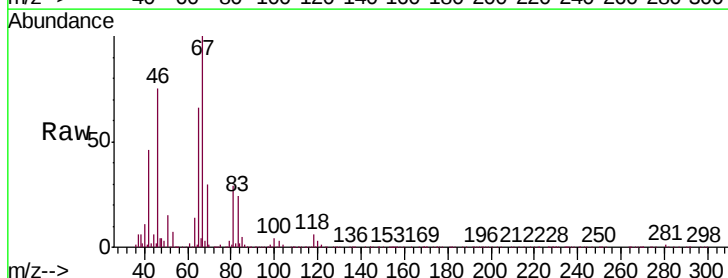


Abundance Ion 83.15 (82.85 to 83.85): VR0
Ion 55.10 (54.80 to 55.80): VR0
Ion 98.15 (97.85 to 98.85): VR0

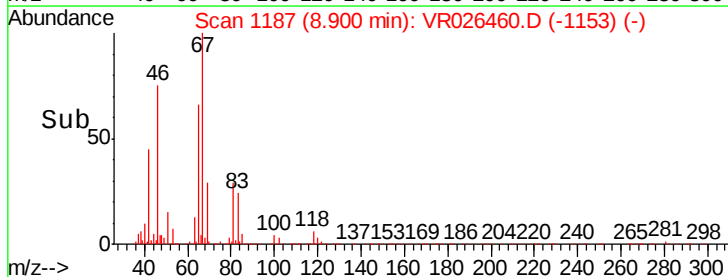
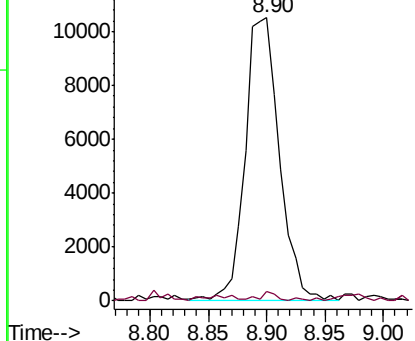


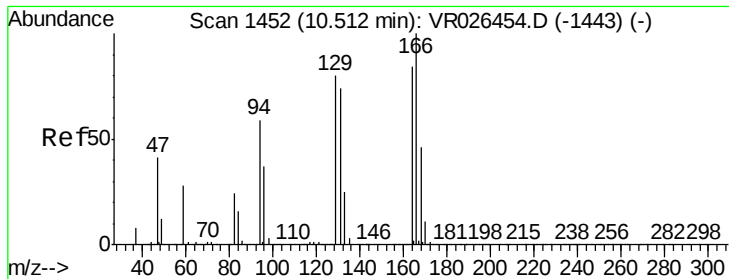
#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026460.D
Acq: 5 Apr 2019 13:12

Tgt Ion: 63 Resp: 21610
Ion Ratio Lower Upper
63 100
112 1.6 2.8 4.2#



Abundance Ion 63.10 (62.80 to 63.80): VR0
Ion 112.10 (111.80 to 112.80): V

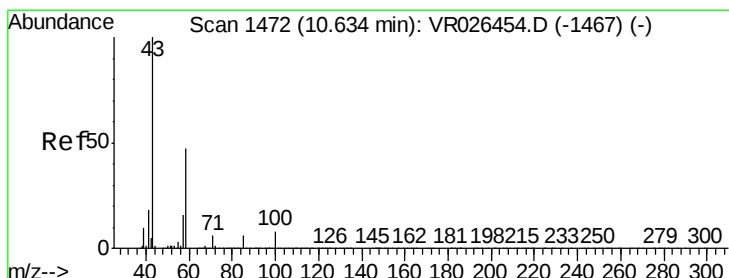
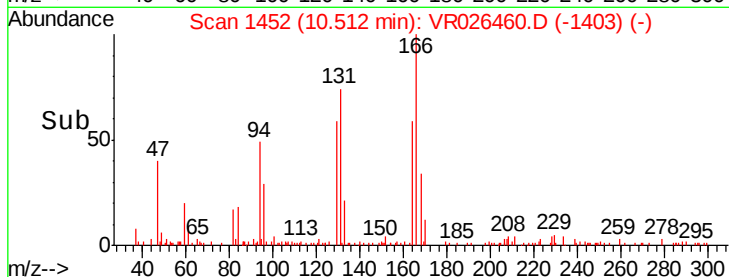
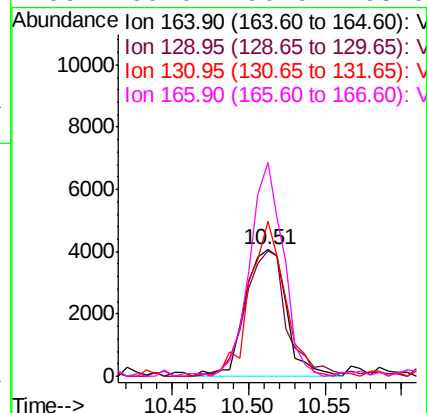
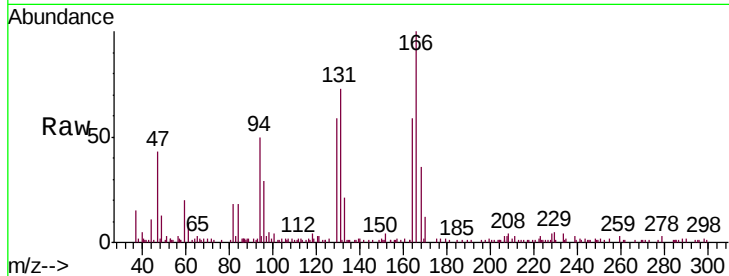




#47
Tetrachloroethene
Concen: 0.251 ug/L
RT: 10.51 min Scan# 1452
Delta R.T. -0.00 min
Lab File: VR026460.D
Acq: 5 Apr 2019 13:12

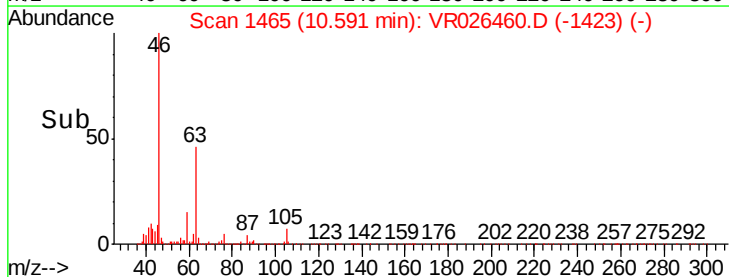
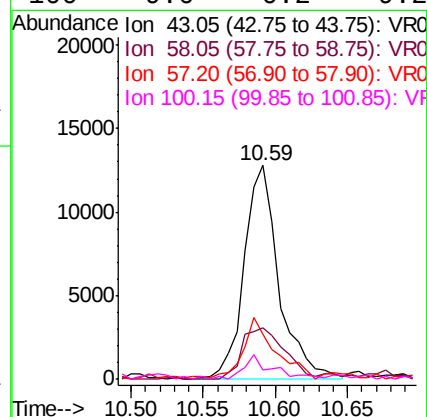
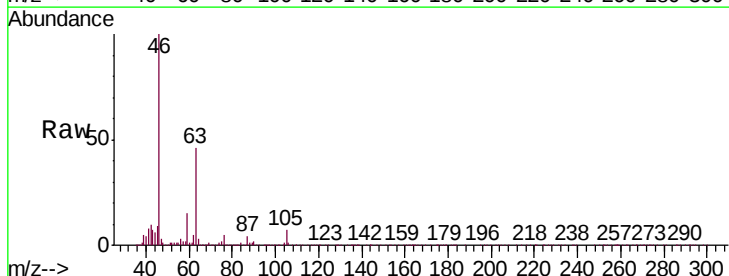
Instrument :
MSVOA_R
ClientSampled :
DB7D7

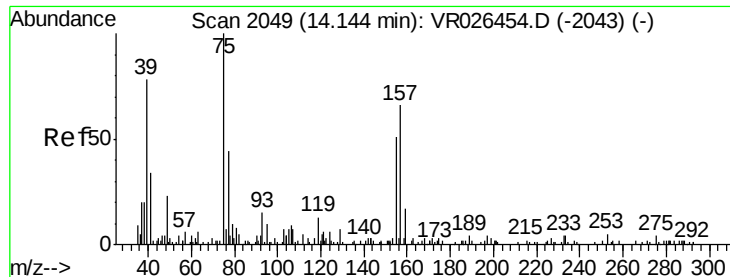
Tgt Ion	Ratio	Lower	Upper
164	100		
129	99.4	74.1	137.5
131	122.9	71.3	132.5
166	169.0	90.9	168.9#



#48
2-Hexanone
Concen: 3.131 ug/L
RT: 10.59 min Scan# 1465
Delta R.T. -0.04 min
Lab File: VR026460.D
Acq: 5 Apr 2019 13:12

Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	38.2	57.2#
57	27.3	13.8	20.6#
100	9.0	6.2	9.2





#66

1,2-Dibromo-3-chloropropane

Concen: 0.191 ug/L

RT: 14.14 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VR026460.D

Acq: 5 Apr 2019 13:12

Instrument :

MSVOA_R

ClientSampleId :

DB7D7

Tgt Ion: 75 Resp: 236

Ion Ratio Lower Upper

75 100

155 0.0 36.1 54.1#

157 0.0 62.4 93.6#

