

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040619\
 Data File : VR026476.D
 Acq On : 6 Apr 2019 14:59
 Operator : SY/MD
 Sample : K2271-22
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DB7E3

Quant Time: Apr 06 23:36:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 06 23:34:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	442152	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	368965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	107151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	180937	5.39	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.80%
7) Chloroethane-d5	2.62	69	152948	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	3.60	63	352155	4.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.00%
20) 2-Butanone-d5	6.58	46	144128	48.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.24%
24) Chloroform-d	7.20	84	317038	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	7.88	65	133652	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	7.85	84	586967	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	8.89	67	157412	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	9.97	98	535603	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	10.23	79	33020	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
46) 2-Hexanone-d5	10.59	63	116129	53.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	55110	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	99889	6.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.20%#

Target Compounds

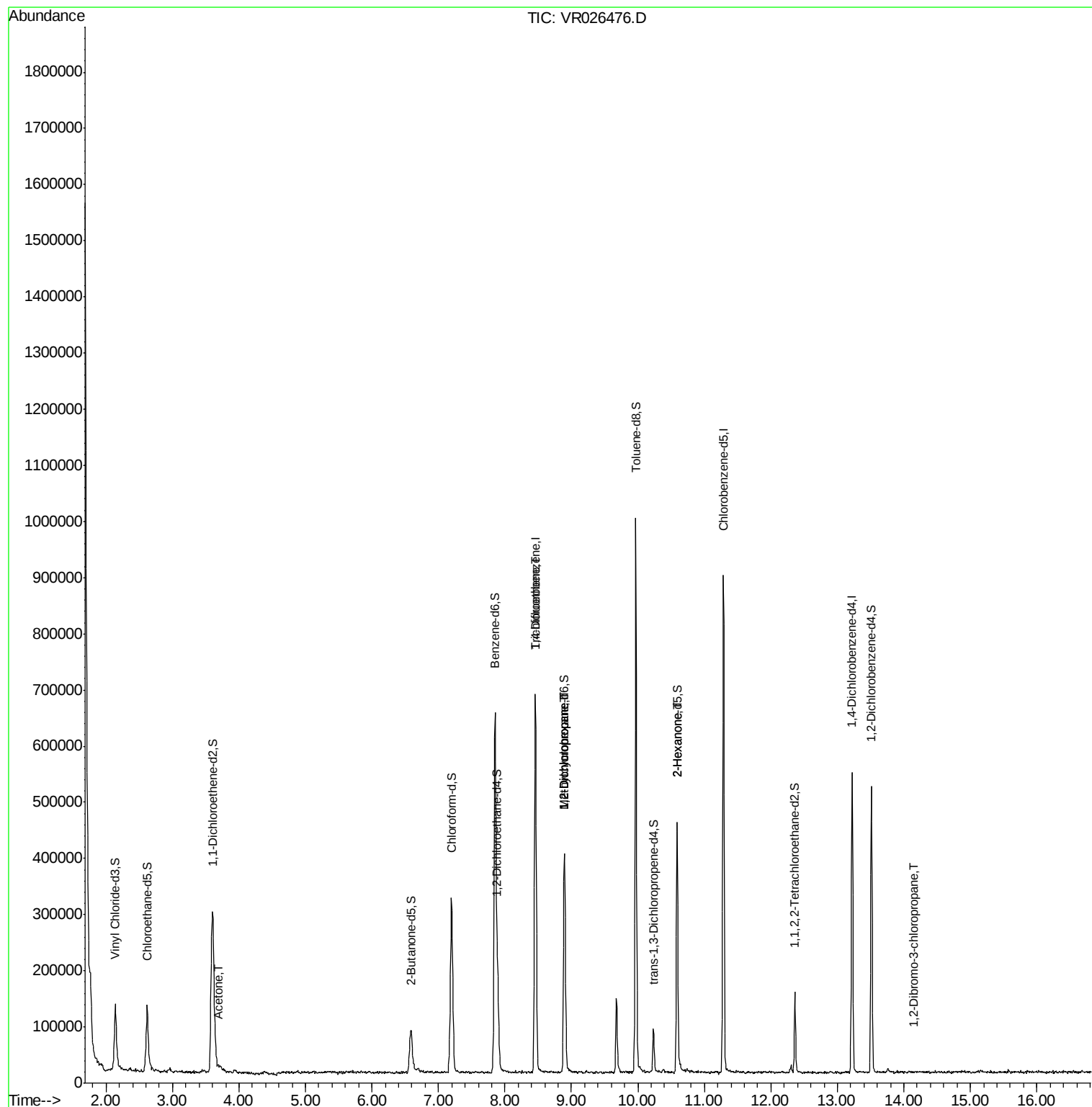
					Qvalue
13) Acetone	3.69	43	10581	3.496 ug/L	89
34) Trichloroethene	8.46	95	16640	0.431 ug/L #	12
35) Methylcyclohexane	8.90	83	38592	0.701 ug/L #	14
37) 1,2-Dichloropropane	8.89	63	21508	0.681 ug/L #	96
48) 2-Hexanone	10.59	43	18922	3.072 ug/L #	74
66) 1,2-Dibromo-3-chloropropan	14.15	75	245	0.224 ug/L #	55

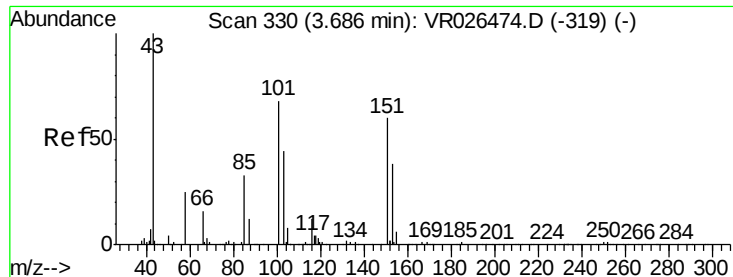
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 06 23:34:06 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.496 ug/L

RT: 3.69 min Scan# 331

Delta R.T. 0.01 min

Lab File: VR026476.D

Acq: 6 Apr 2019 14:59

Instrument :

MSVOA_R

ClientSampleId :

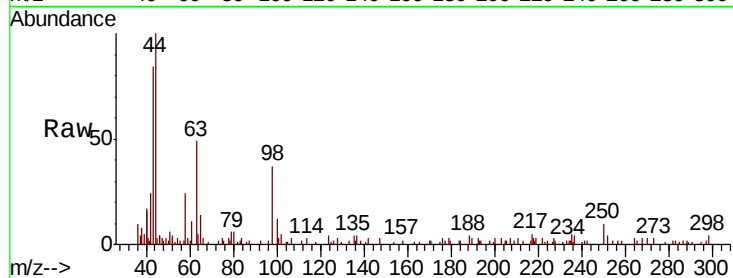
DB7E3

Tgt Ion: 43 Resp: 10581

Ion Ratio Lower Upper

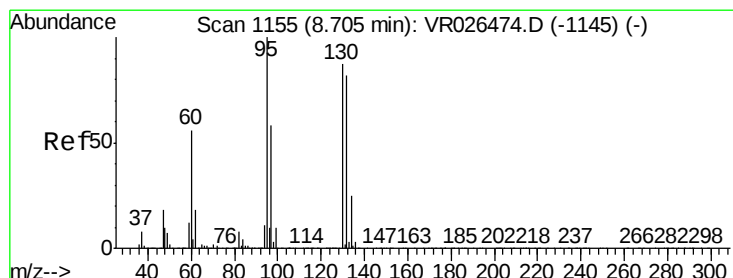
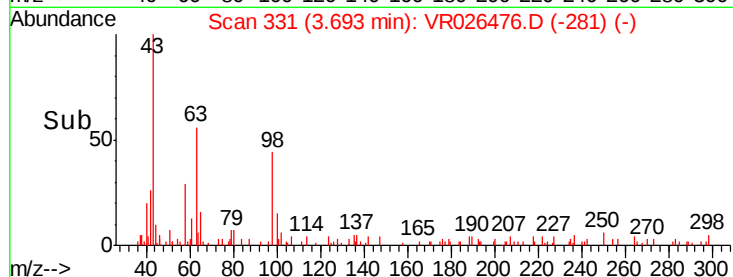
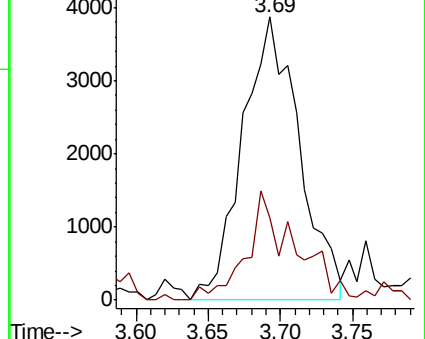
43 100

58 32.7 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.431 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

Lab File: VR026476.D

Acq: 6 Apr 2019 14:59

Tgt Ion: 95 Resp: 16640

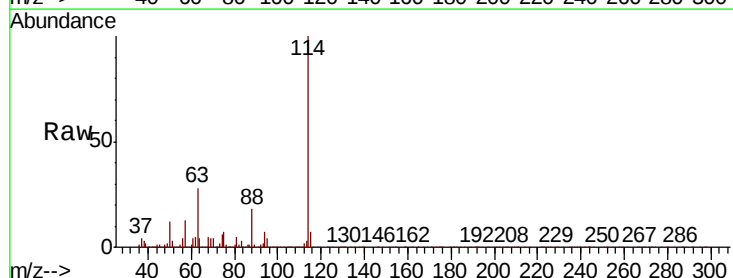
Ion Ratio Lower Upper

95 100

97 1.1 43.8 81.3#

132 0.0 57.2 106.2#

130 1.3 59.7 110.9#

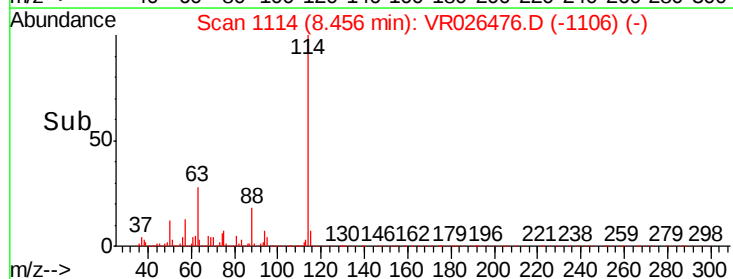
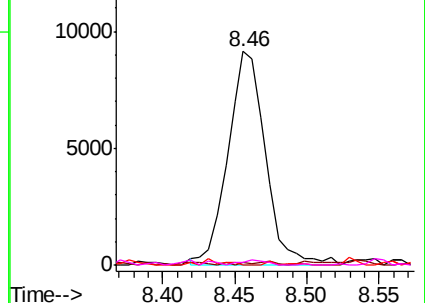


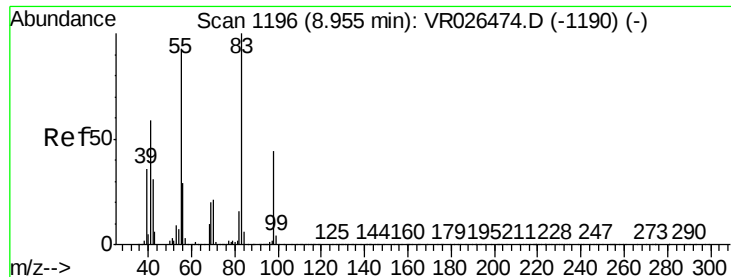
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

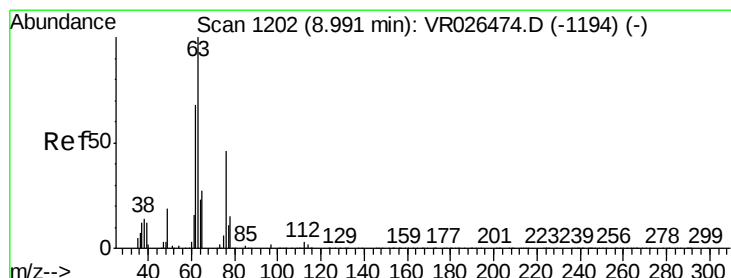
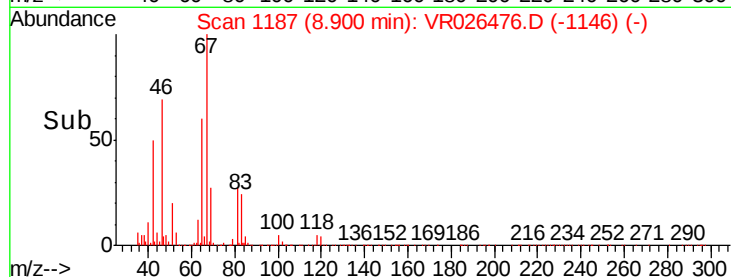
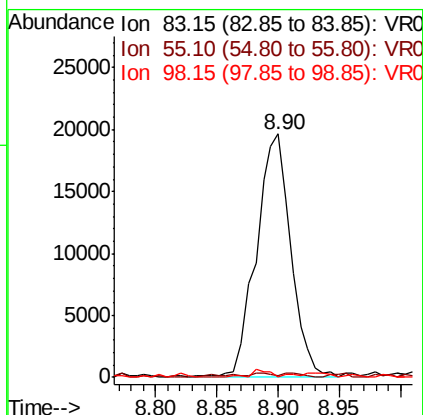
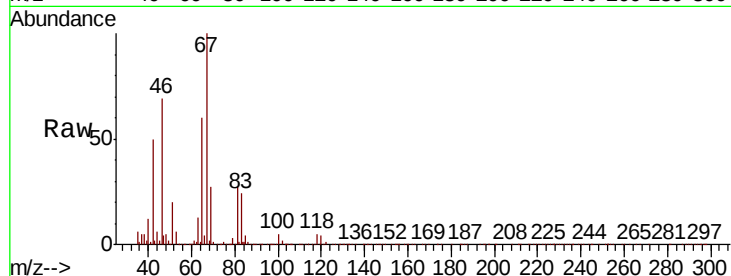




#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026476.D
Acq: 6 Apr 2019 14:59

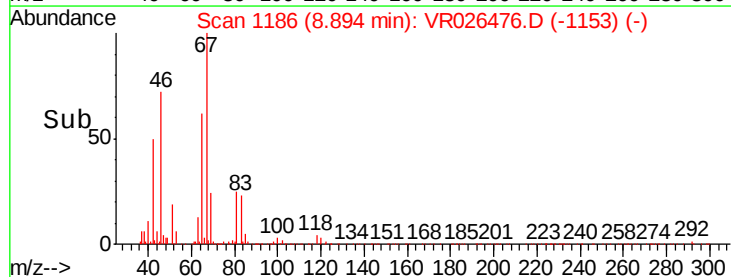
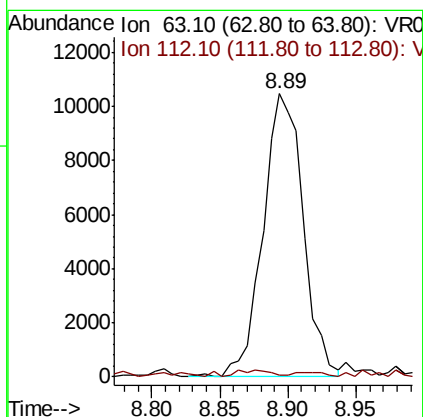
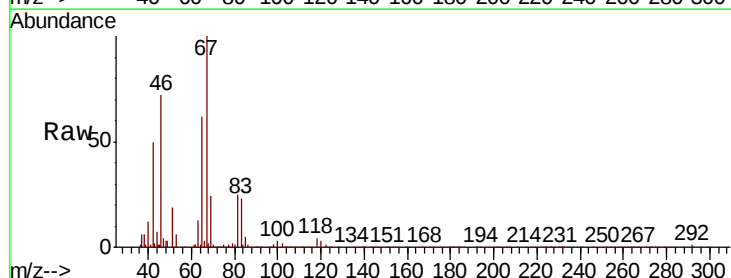
Instrument :
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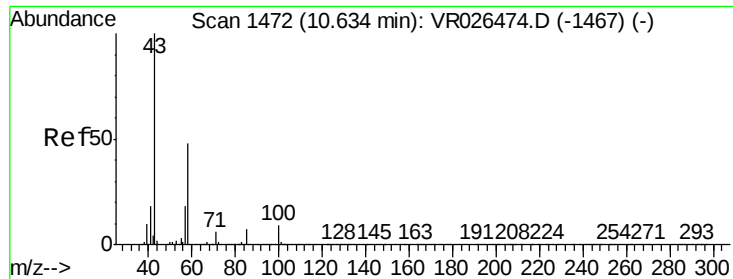
Tgt Ion: 83 Resp: 38592
Ion Ratio Lower Upper
83 100
55 1.0 73.8 110.6#
98 1.4 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026476.D
Acq: 6 Apr 2019 14:59

Tgt Ion: 63 Resp: 21508
Ion Ratio Lower Upper
63 100
112 2.0 2.8 4.2#





#48

2-Hexanone

Concen: 3.072 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR026476.D

Acq: 6 Apr 2019 14:59

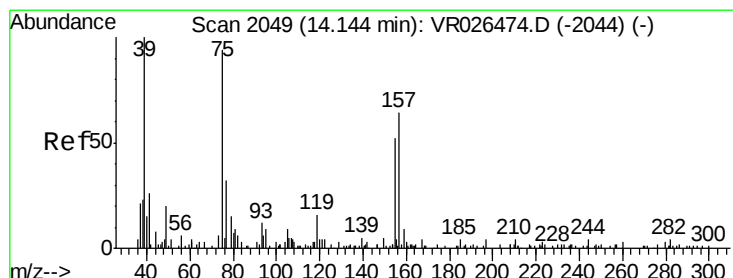
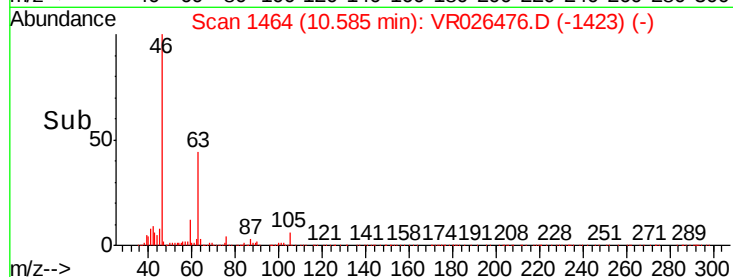
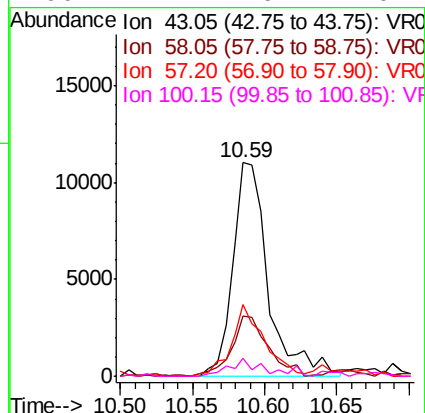
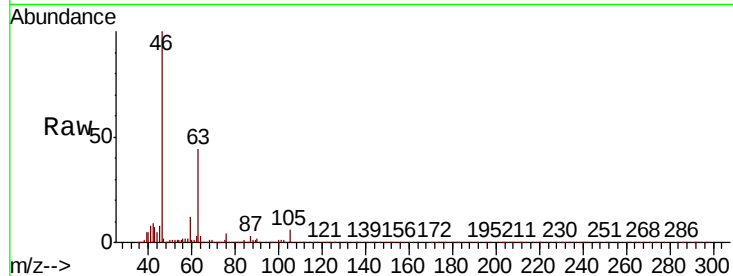
Instrument :

MSVOA_R

ClientSampleId :

DB7E3

Tgt Ion:	43	Resp:	18922
Ion	Ratio	Lower	Upper
43	100		
58	29.3	38.2	57.2#
57	30.7	13.8	20.6#
100	7.2	6.2	9.2



#66

1,2-Dibromo-3-chloropropane

Concen: 0.224 ug/L

RT: 14.15 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VR026476.D

Acq: 6 Apr 2019 14:59

Tgt Ion:	75	Resp:	245
Ion	Ratio	Lower	Upper
75	100		
155	25.5	36.1	54.1#
157	30.8	62.4	93.6#

