

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR040919\
 Data File : VR026545.D
 Acq On : 10 Apr 2019 8:05
 Operator : SY/MD
 Sample : K2289-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZG5

Quant Time: Apr 10 08:36:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 10 08:33:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	512079	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	431472	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	126213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	169484	4.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.20%
7) Chloroethane-d5	2.62	69	156669	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	3.60	63	342690	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	159939	46.11	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.22%
24) Chloroform-d	7.20	84	340984	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	7.89	65	149815	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	7.85	84	609953	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	8.89	67	165715	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	9.97	98	556249	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	10.24	79	31936	3.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.40%
46) 2-Hexanone-d5	10.59	63	131903	51.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.86%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64095	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	113795	5.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.00%

Target Compounds

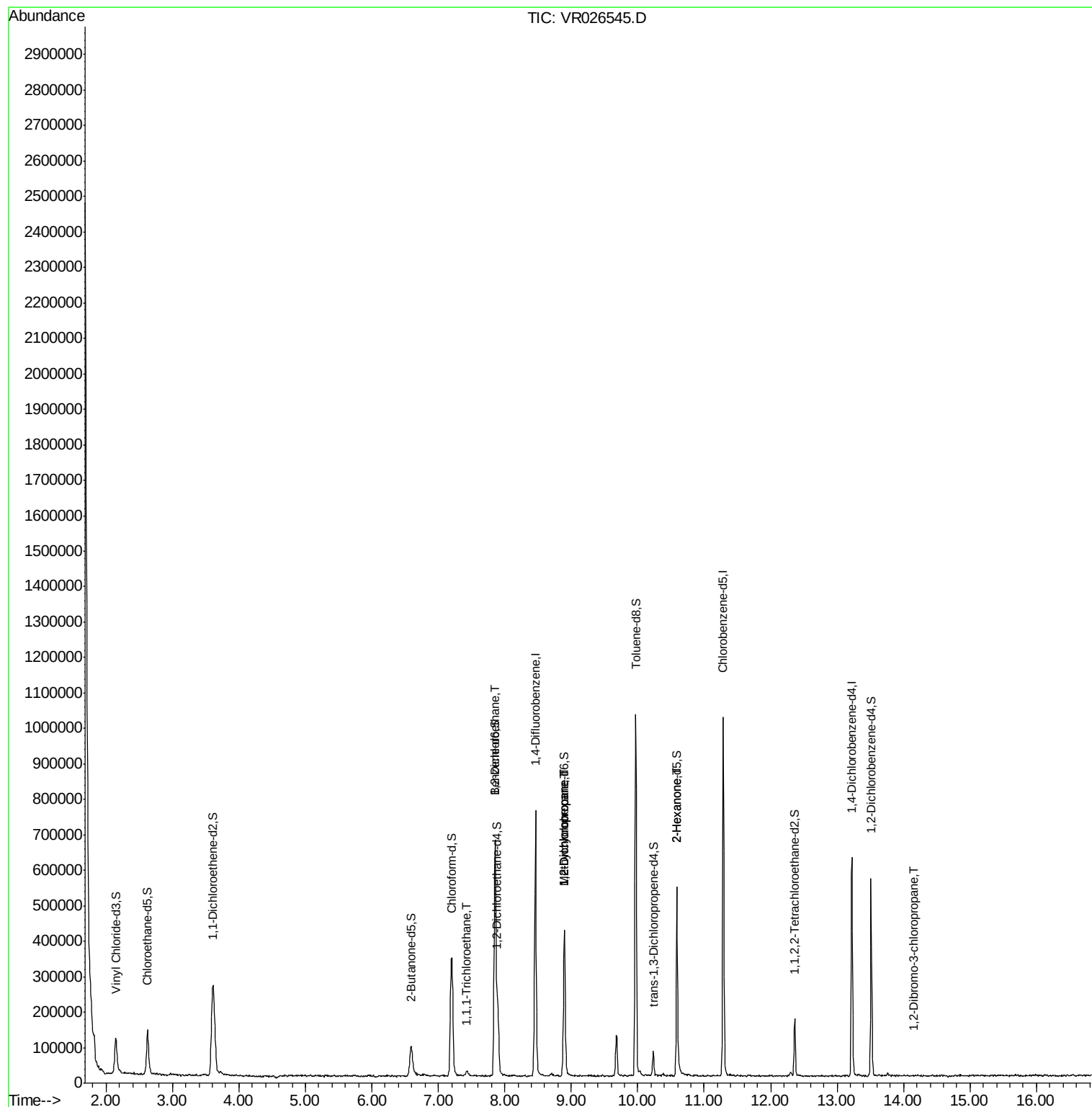
					Qvalue
27) 1,2-Dichloroethane	7.85	62	5159	0.136 ug/L	98
29) 1,1,1-Trichloroethane	7.42	97	12663	0.178 ug/L	94
35) Methylcyclohexane	8.90	83	42476	0.659 ug/L #	14
37) 1,2-Dichloropropane	8.90	63	21505	0.582 ug/L #	92
48) 2-Hexanone	10.59	43	23428	3.253 ug/L #	73
66) 1,2-Dibromo-3-chloropropan	14.14	75	212	0.164 ug/L #	1

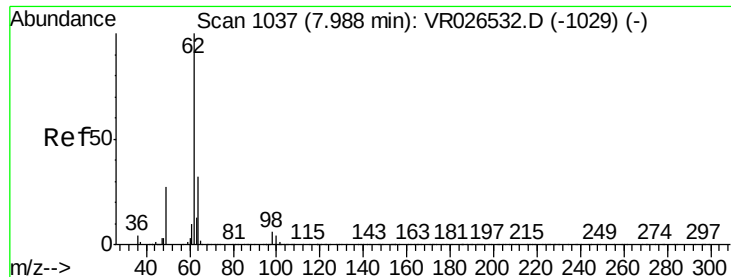
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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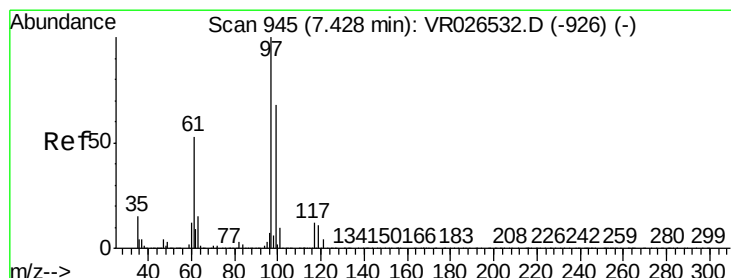
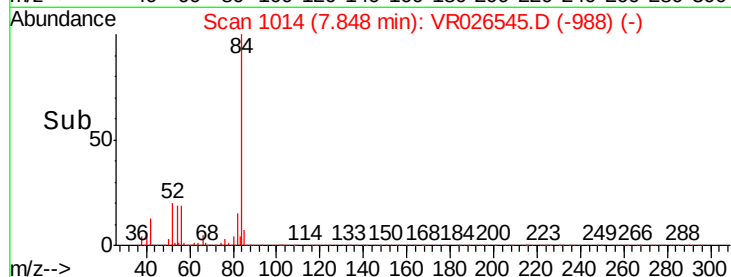
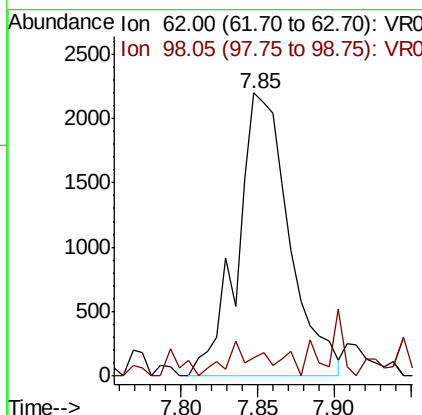
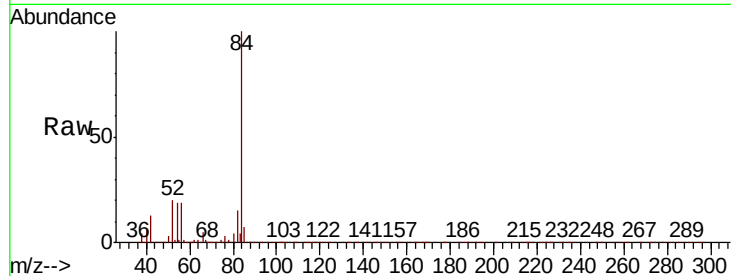




#27
 1,2-Dichloroethane
 Concen: 0.136 ug/L
 RT: 7.85 min Scan# 1014
 Delta R.T. -0.14 min
 Lab File: VR026545.D
 Acq: 10 Apr 2019 8:05

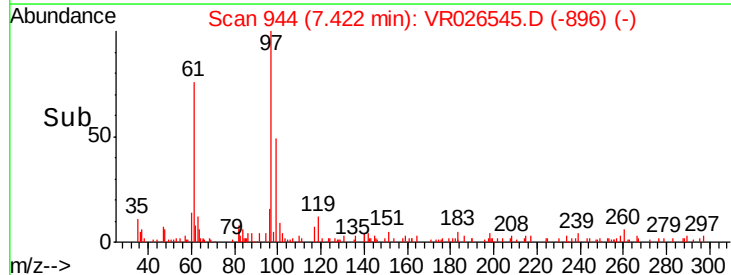
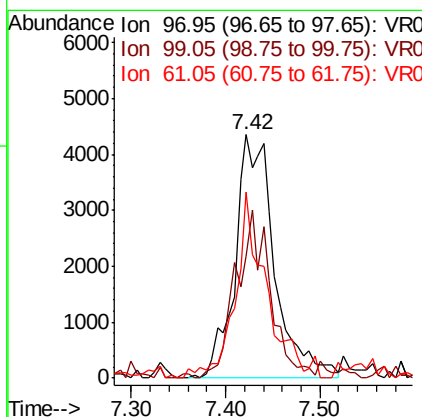
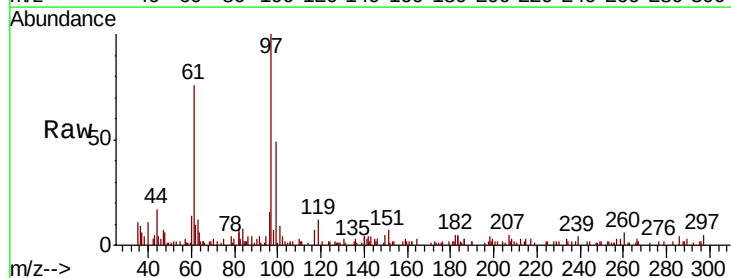
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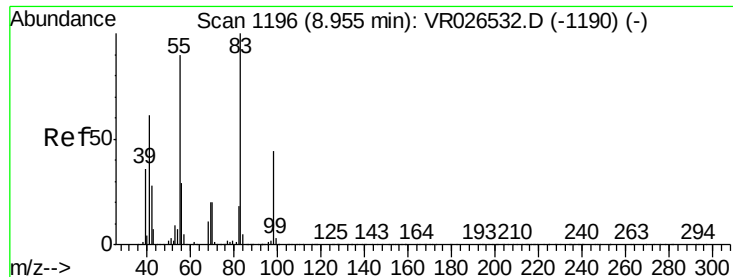
Tgt Ion: 62 Resp: 5159
 Ion Ratio Lower Upper
 62 100
 98 6.6 4.8 7.2



#29
 1,1,1-Trichloroethane
 Concen: 0.178 ug/L
 RT: 7.42 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: VR026545.D
 Acq: 10 Apr 2019 8:05

Tgt Ion: 97 Resp: 12663
 Ion Ratio Lower Upper
 97 100
 99 60.2 49.6 74.4
 61 59.0 41.8 62.6

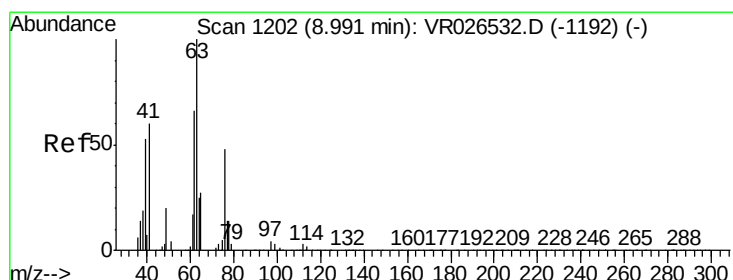
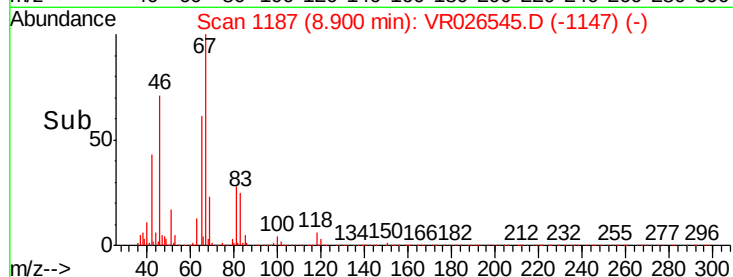
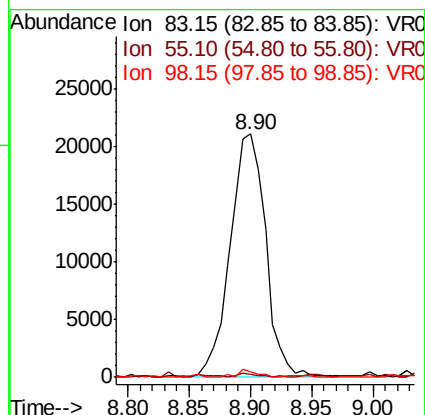
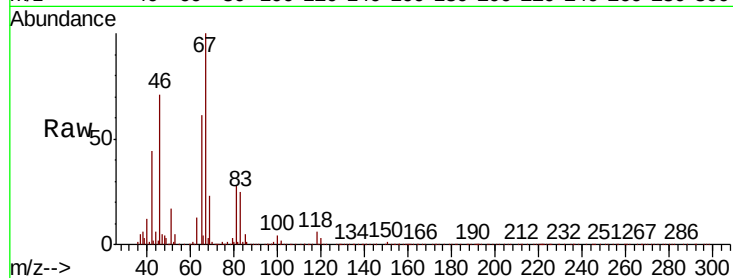




#35
Methylcyclohexane
Concen: 0.659 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026545.D
Acq: 10 Apr 2019 8:05

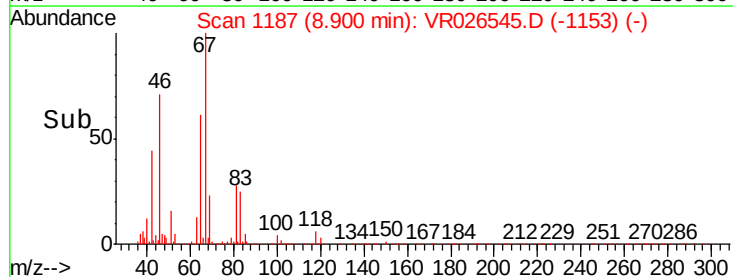
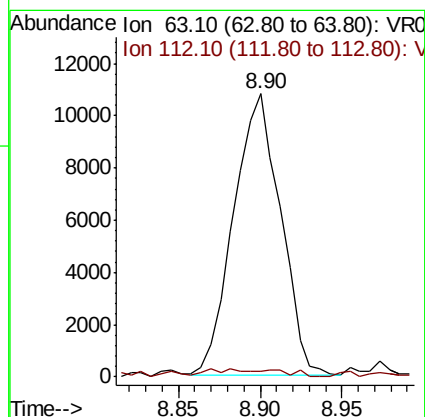
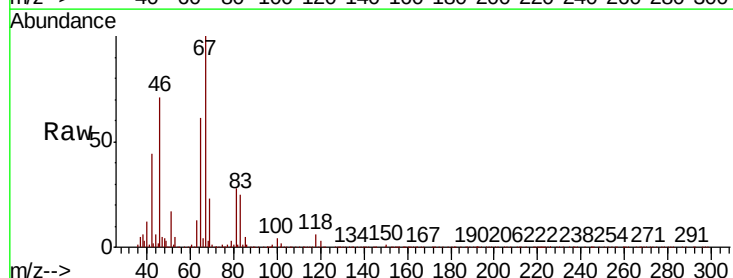
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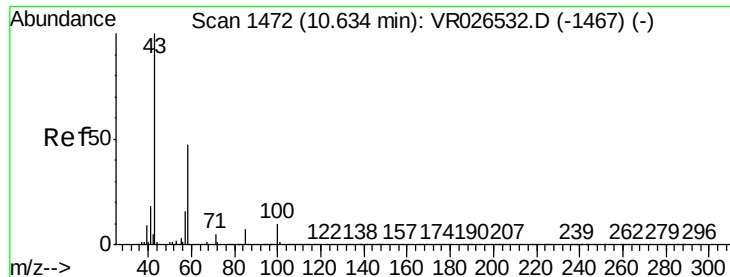
Tgt Ion: 83 Resp: 42476
Ion Ratio Lower Upper
83 100
55 0.9 73.8 110.6#
98 1.9 34.6 51.8#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.09 min
Lab File: VR026545.D
Acq: 10 Apr 2019 8:05

Tgt Ion: 63 Resp: 21505
Ion Ratio Lower Upper
63 100
112 0.8 2.8 4.2#





#48

2-Hexanone

Concen: 3.253 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026545.D

Acq: 10 Apr 2019 8:05

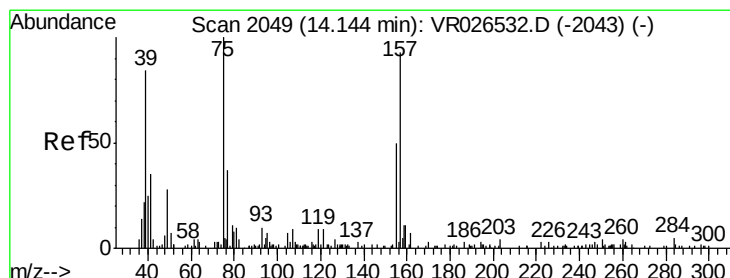
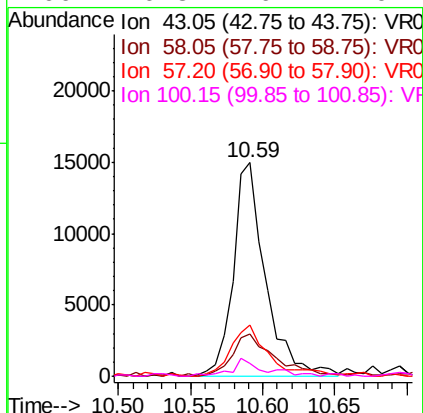
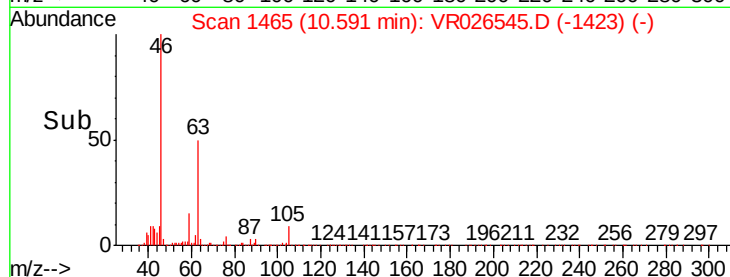
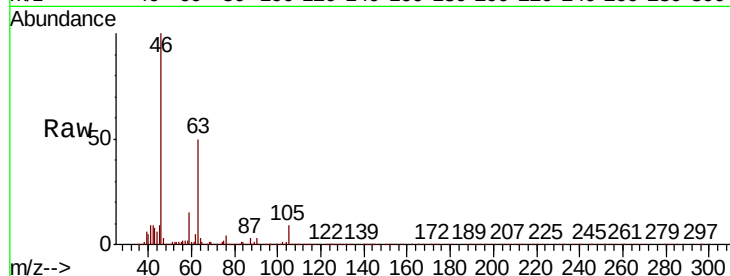
Instrument :

MSVOA_R

ClientSampleId :

BEZG5

Tgt Ion:	43	Resp:	23428
Ion	Ratio	Lower	Upper
43	100		
58	26.1	38.2	57.2#
57	27.8	13.8	20.6#
100	6.3	6.2	9.2



#66

1,2-Dibromo-3-chloropropane

Concen: 0.164 ug/L

RT: 14.14 min Scan# 2048

Delta R.T. -0.01 min

Lab File: VR026545.D

Acq: 10 Apr 2019 8:05

Tgt Ion:	75	Resp:	212
Ion	Ratio	Lower	Upper
75	100		
155	212.6	36.1	54.1#
157	37.0	62.4	93.6#

