

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100118\
 Data File : VW005754.D
 Acq On : 02 Oct 2018 00:39
 Operator : SY/AP
 Sample : J5181-01
 Misc : 3.01G/105ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 02 07:20:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 02 07:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	207533	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	220395	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	113270	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	38832	14.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.72%
7) Chloroethane-d5	2.90	69	32679	15.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.32%
10) 1,1-Dichloroethene-d2	4.01	63	64658	11.19	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	44.76%#
20) 2-Butanone-d5	7.09	46	39810	46.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.74%
24) Chloroform-d	7.65	84	108812	20.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.64%
26) 1,2-Dichloroethane-d4	8.31	65	69889	21.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.56%
29) Benzene-d6	8.28	84	195931	17.96	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.84%
33) 1,2-Dichloropropane-d6	9.28	67	67508	21.41	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	85.64%
37) Toluene-d8	10.33	98	191184	17.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.00%
38) trans-1,3-Dichloropropene-	10.58	79	30947	18.69	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.76%
39) 2-Hexanone-d5	10.93	63	35215	47.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71820	23.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.80%
61) 1,2-Dichlorobenzene-d4	13.86	152	84697	21.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.52%

Target Compounds

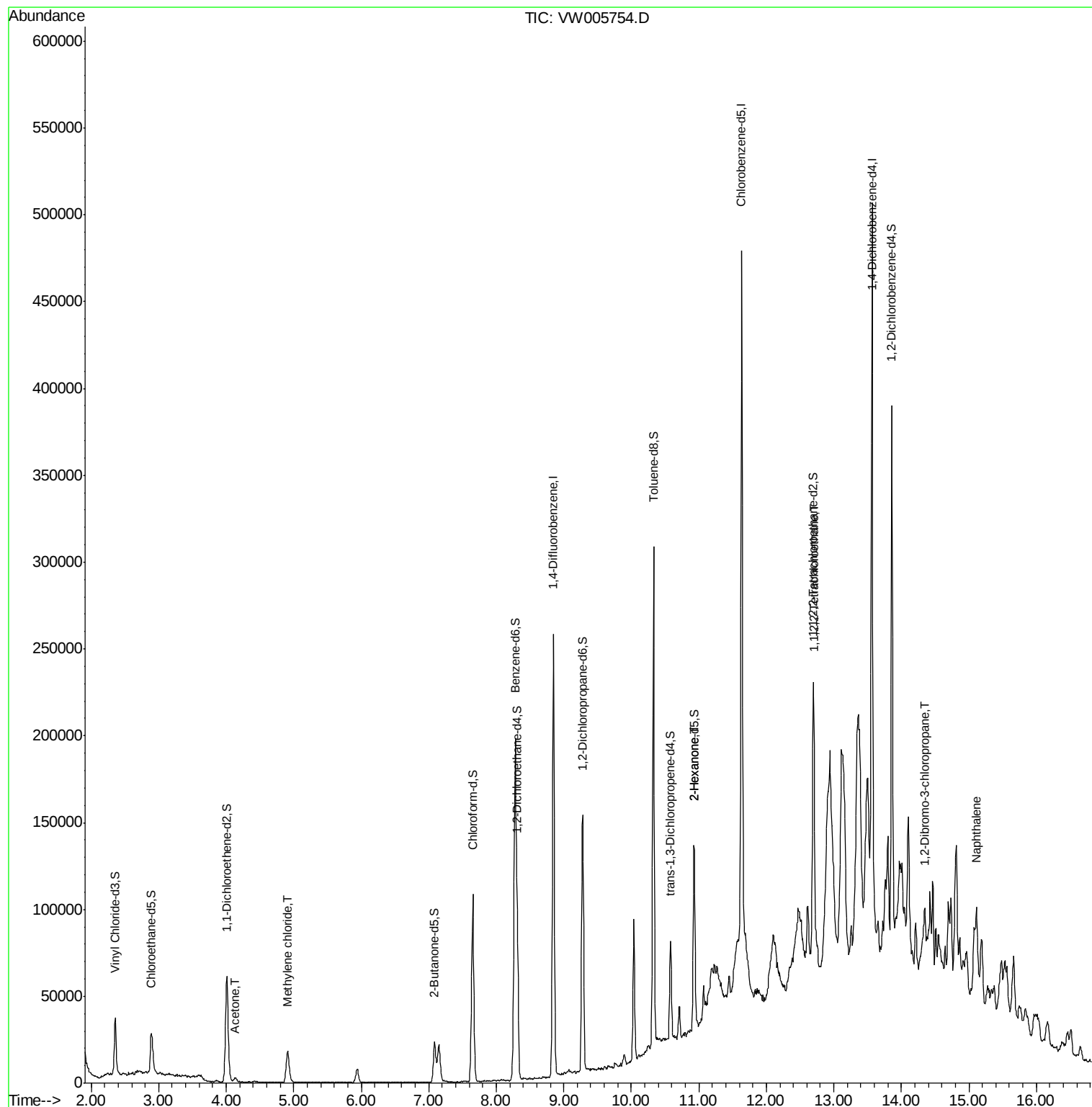
					Ovalue
13) Acetone	4.12	43	3908	4.418 ug/L	91
16) Methylene chloride	4.91	84	13644	3.987 ug/L	96
49) 2-Hexanone	10.93	43	4890	2.813 ug/L #	61
58) 1,1,2,2-Tetrachloroethane	12.71	83	3306	1.023 ug/L #	21
66) 1,2-Dibromo-3-chloropropan	14.33	75	1653	2.511 ug/L #	28
69) Naphthalene	15.11	128	4657	0.479 ug/L	98

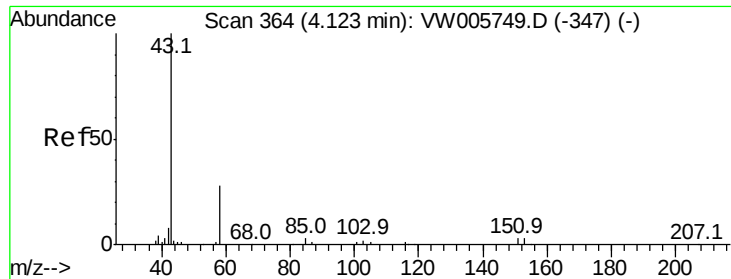
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.418 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW005754.D

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Instrument :

MSVOA_W

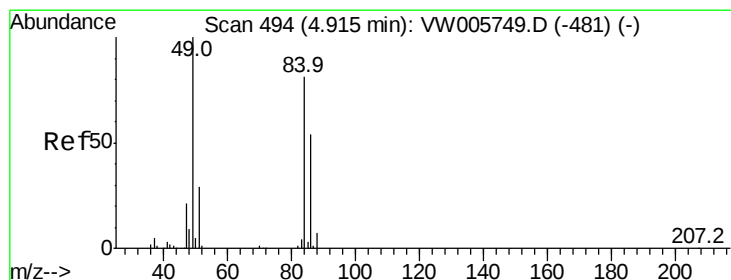
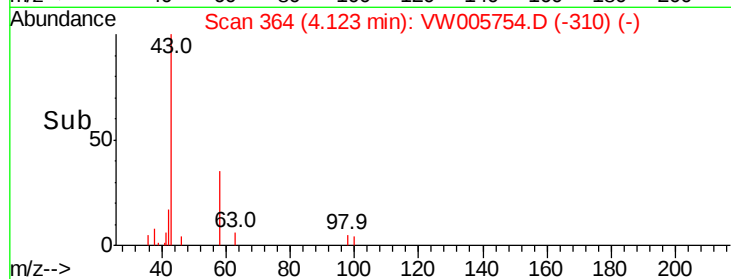
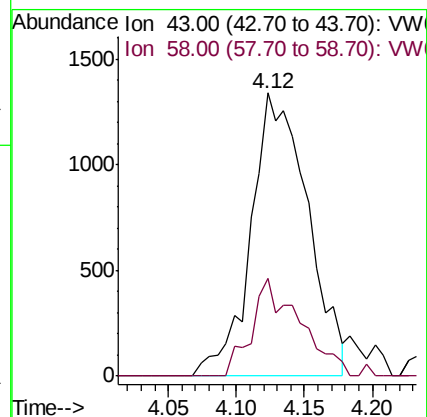
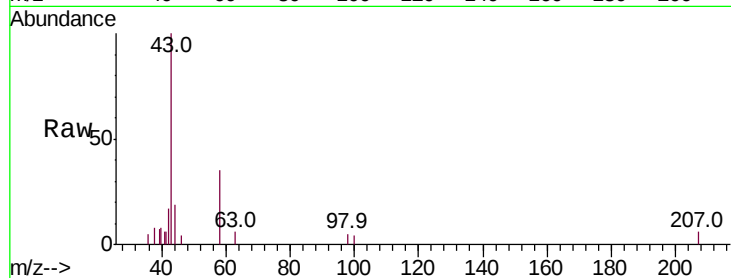
ClientSampleId :

Tot Ion: 43 Resp: 3908

Ion Ratio Lower Upper

43 100

58 12.1 0.0 31.8



#16

Methylene chloride

Concen: 3.987 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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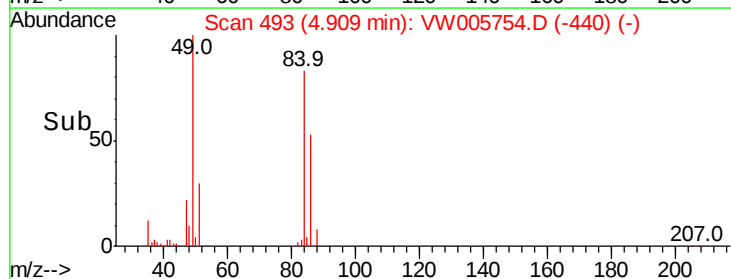
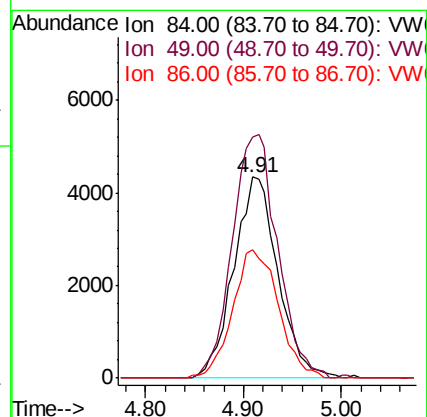
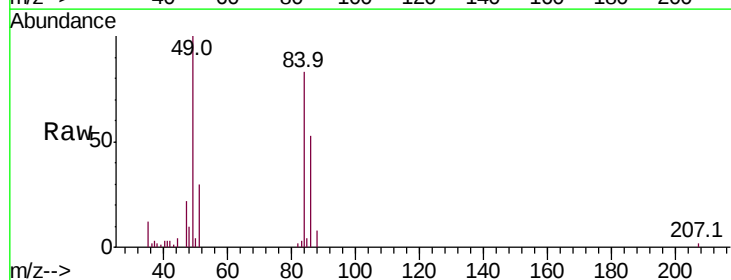
Tgt Ion: 84 Resp: 13644

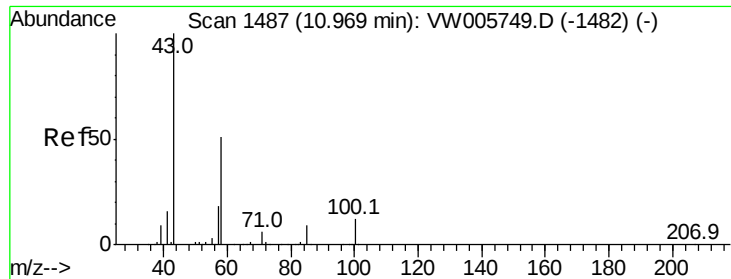
Ion Ratio Lower Upper

84 100

49 120.2 87.2 162.0

86 64.1 43.2 80.2

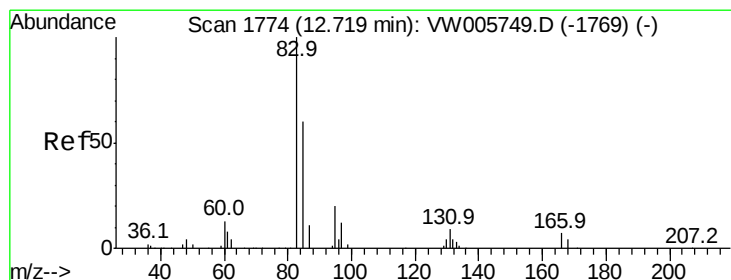
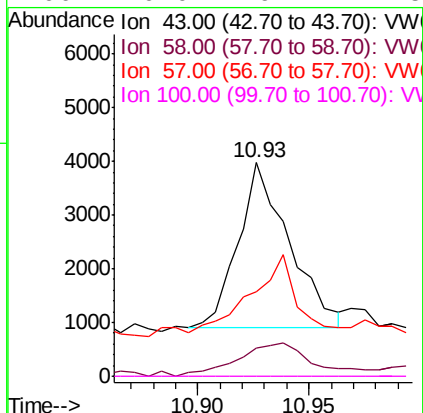
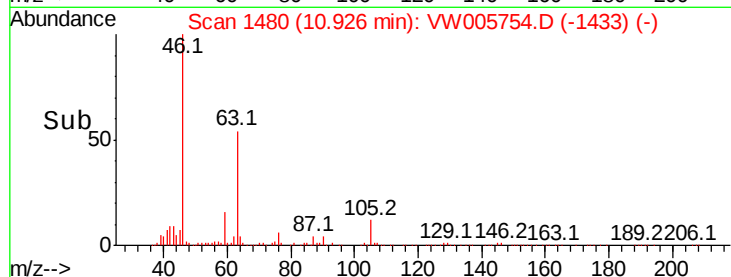
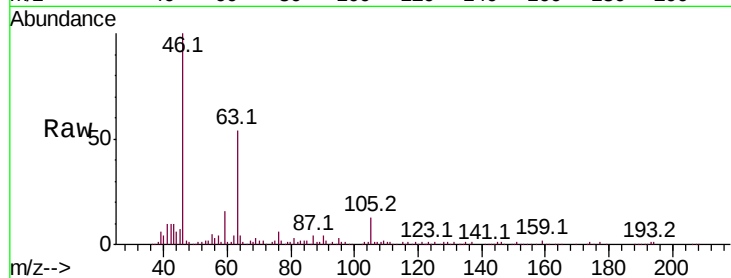




#49
2-Hexanone
Concen: 2.813 ug/L
RT: 10.93 min Scan# 1480
Delta R.T. -0.04 min
Lab File: VW005754.D
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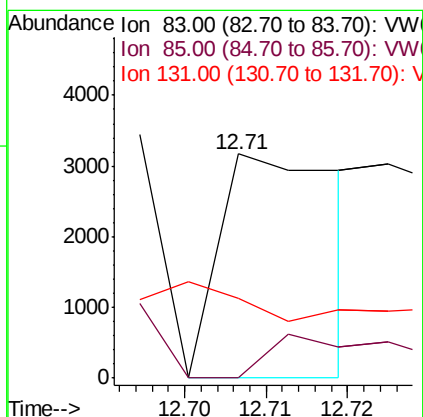
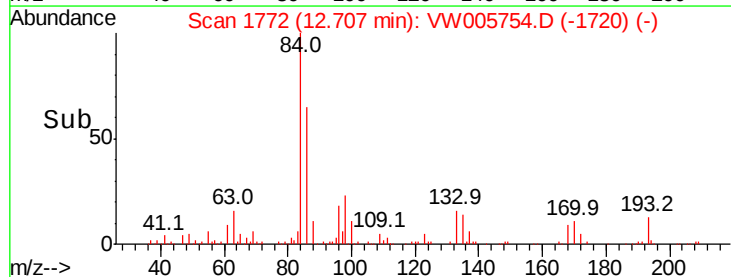
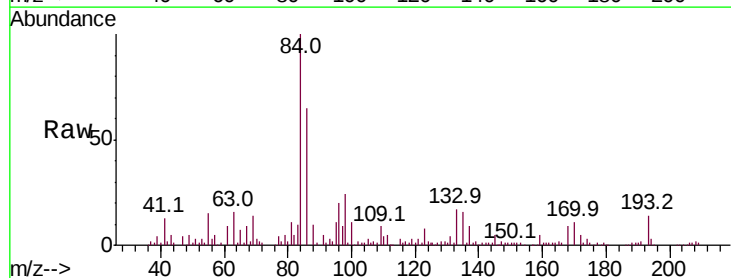
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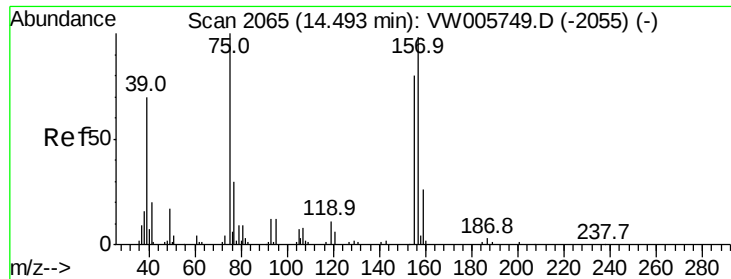
Tot Ion: 43 Resp: 4890
Ion Ratio Lower Upper
43 100
58 27.5 42.0 63.0#
57 44.1 15.7 23.5#
100 0.0 9.7 14.5#



#58
1,1,2,2-Tetrachloroethane
Concen: 1.023 ug/L
RT: 12.71 min Scan# 1772
Delta R.T. -0.01 min
Lab File: VW005754.D
Acq: 02 Oct 2018 00:39

Tgt Ion: 83 Resp: 3306
Ion Ratio Lower Upper
83 100
85 0.0 43.0 80.0#
131 35.4 8.0 12.0#

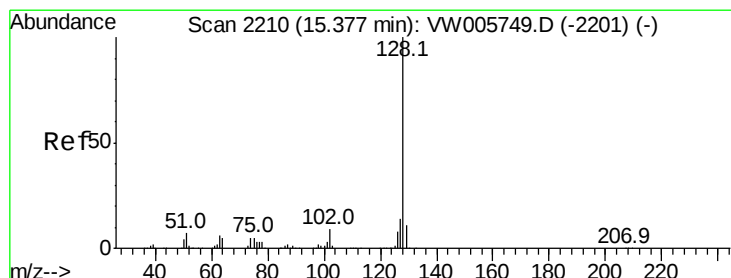
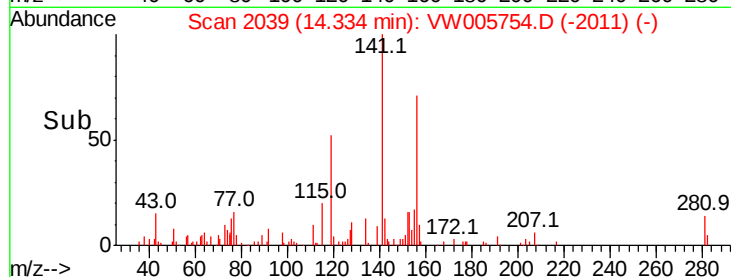
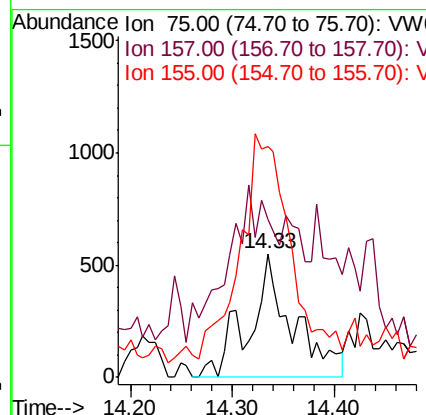
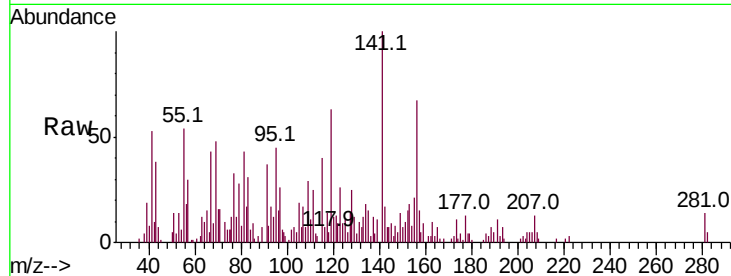




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.511 ug/L
 RT: 14.33 min Scan# 2039
 Delta R.T. -0.16 min
 Lab File: VW005754.D
 Acq: 02 Oct 2018 00:39

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 1653
 Ion Ratio Lower Upper
 75 100
 157 127.4 76.9 115.3#
 155 186.4 64.2 96.2#



#69
 Naphthalene
 Concen: 0.479 ug/L
 RT: 15.11 min Scan# 2167
 Delta R.T. -0.26 min
 Lab File: VW005754.D
 Acq: 02 Oct 2018 00:39

Tgt Ion: 128 Resp: 4657
 Ion Ratio Lower Upper
 128 100
 129 9.9 8.8 13.2
 127 13.9 11.0 16.4

