

Data File : VV011886.D
Acq On : 15 Jul 2019 14:30
Operator : SY/MD
Sample : K3772-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Quant Time: Jul 16 03:59:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 16 03:56:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	175132	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	168144	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	78273	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56545	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	49232	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	2.13	63	67116	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.94	46	147117	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.40	84	109820	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	58578	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	223788	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	69033	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	193537	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	22629	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.14	63	93821	45.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	35942	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	71423	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

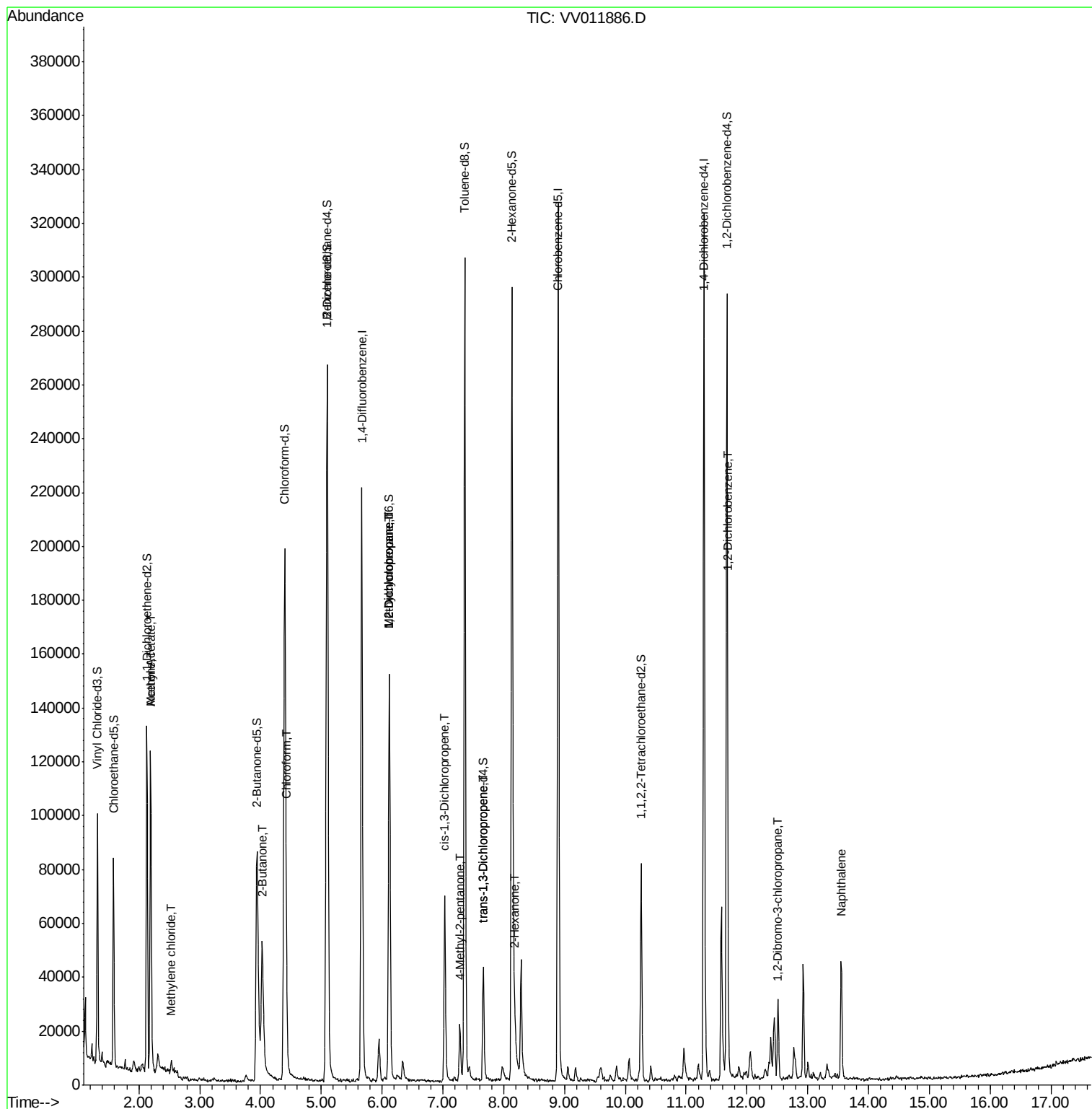
						Qvalue
13) Acetone	2.19	43	129155	76.264	ug/L	96
15) Methyl Acetate	2.19	43	123121	30.582	ug/L #	54
16) Methylene chloride	2.54	84	1603	0.162	ug/L	84
21) 2-Butanone	4.03	43	81911	26.662	ug/L	98
25) Chloroform	4.43	83	2984	0.115	ug/L	79
35) Methylcyclohexane	6.12	83	16305	0.744	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8078	0.616	ug/L #	85
39) cis-1,3-Dichloropropene	7.03	75	1958	0.109	ug/L #	73
40) 4-Methyl-2-pentanone	7.28	43	14538	1.866	ug/L #	88
44) trans-1,3-Dichloropropene	7.67	75	1193	0.086	ug/L	99
48) 2-Hexanone	8.19	43	9098	1.626	ug/L #	79
65) 1,2-Dichlorobenzene	11.69	146	2513	0.105	ug/L #	93
66) 1,2-Dibromo-3-chloropropan	12.49	75	154	0.105	ug/L #	3
69) Naphthalene	13.55	128	32997	1.420	ug/L	97

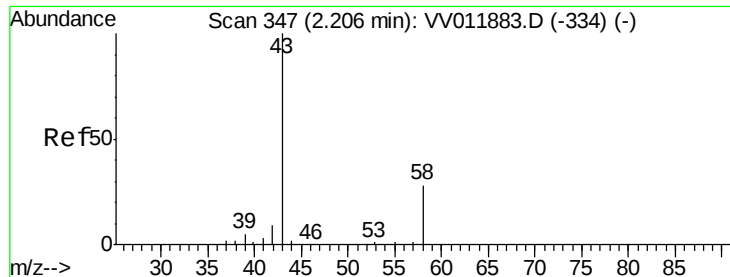
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011886.D
Acq On : 15 Jul 2019 14:30
Operator : SY/MD
Sample : K3772-20
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Quant Time: Jul 16 03:59:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 16 03:56:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 76.264 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.01 min

Lab File: VV011886.D

Acq: 15 Jul 2019 14:30

Instrument :

MSVOA_V

ClientSampleId :

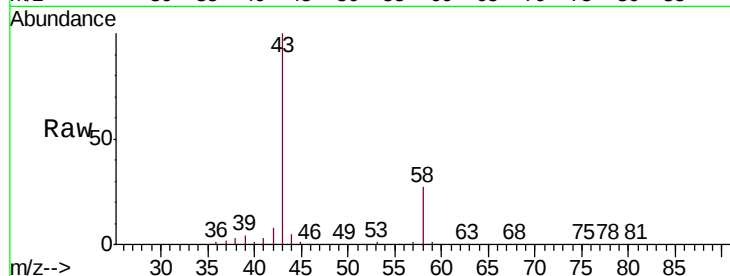
A52X2

Tgt Ion: 43 Resp: 129155

Ion Ratio Lower Upper

43 100

58 27.3 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.19

80000

60000

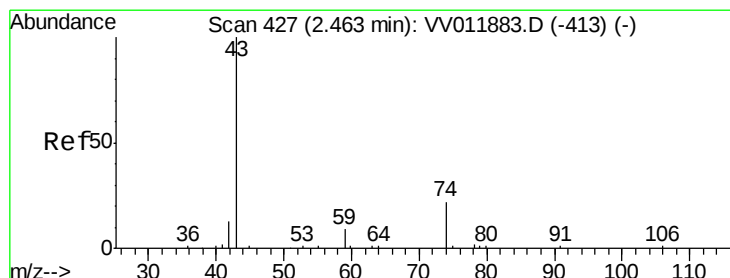
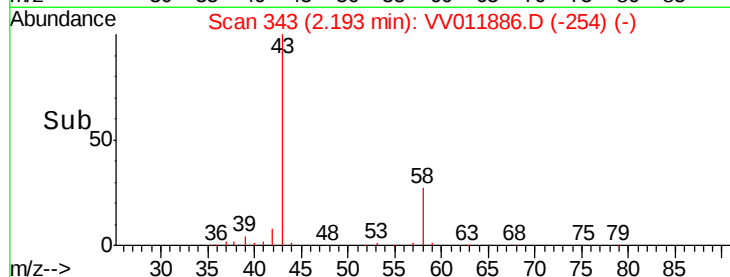
40000

20000

0

Time-->

2.10 2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 30.582 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.27 min

Lab File: VV011886.D

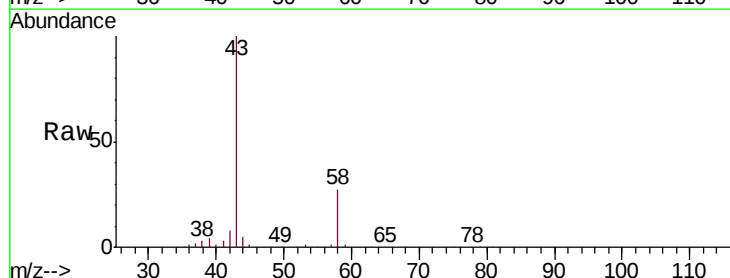
Acq: 15 Jul 2019 14:30

Tgt Ion: 43 Resp: 123121

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.19

80000

60000

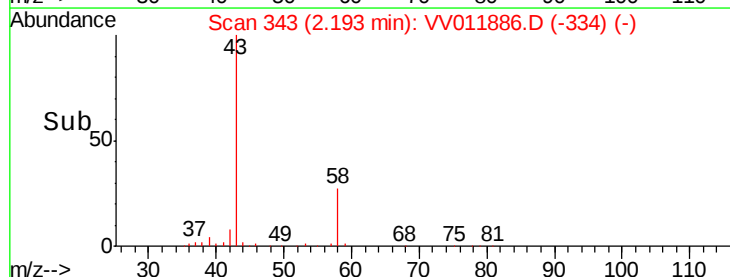
40000

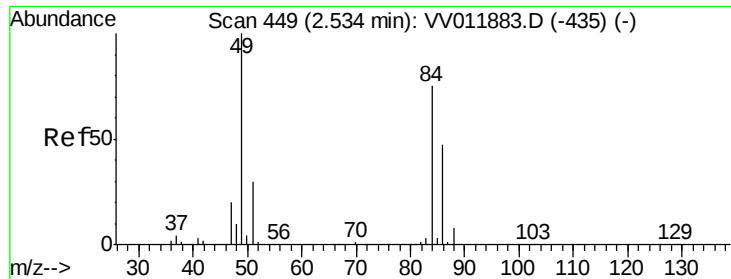
20000

0

Time-->

2.15 2.20 2.25 2.30

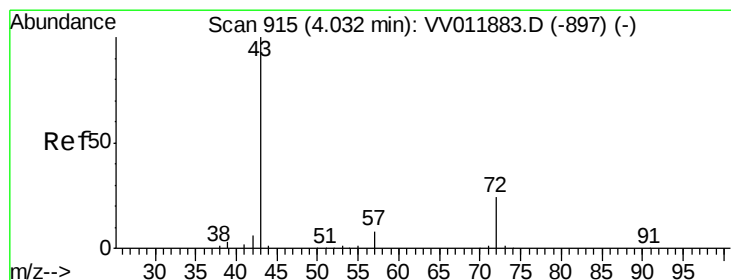
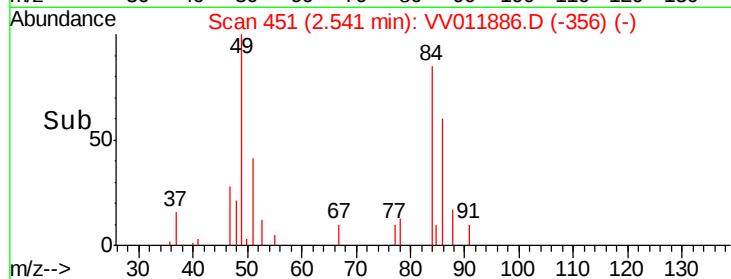
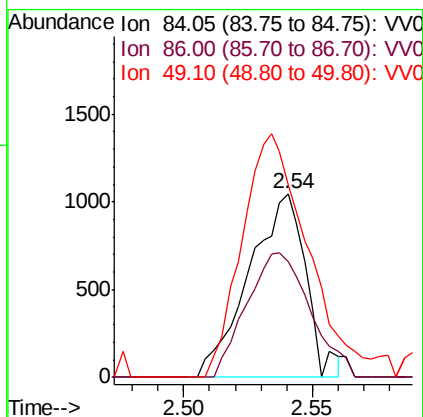
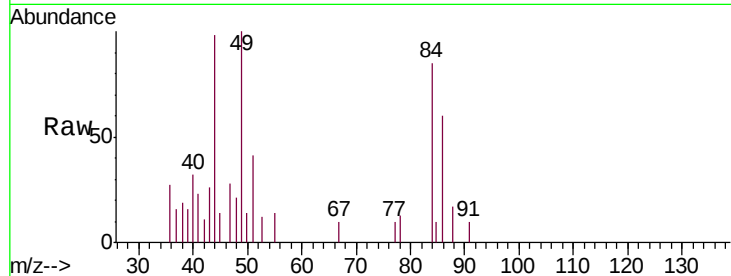




#16
Methylene chloride
Concen: 0.162 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.01 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

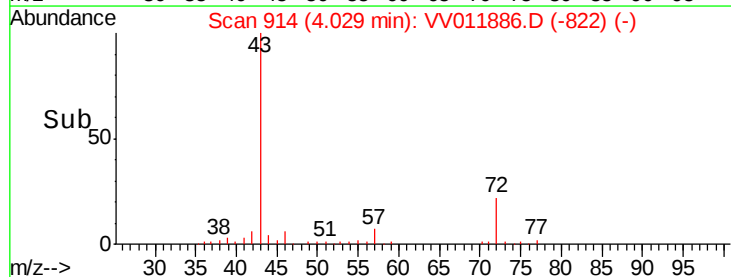
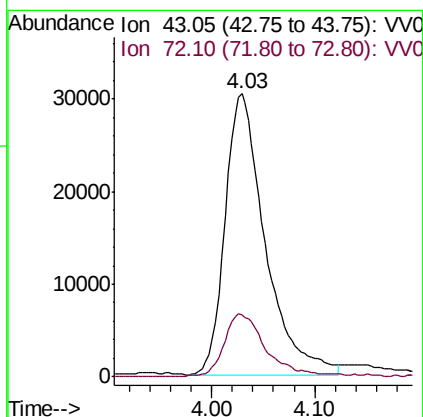
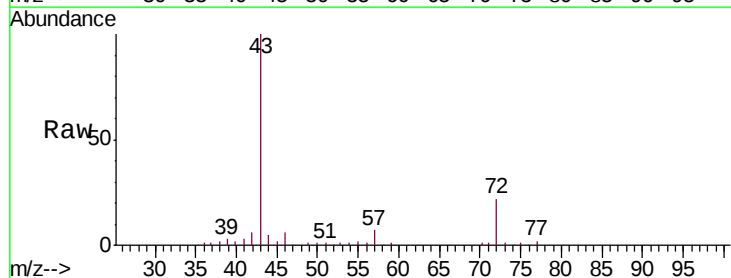
Instrument :
MSVOA_V
ClientSampleId :
A52X2

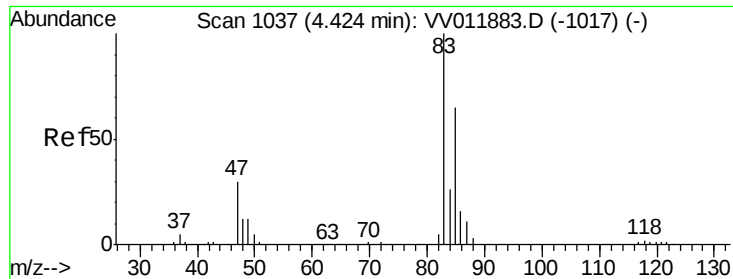
Tgt Ion: 84 Resp: 1603
Ion Ratio Lower Upper
84 100
86 62.6 43.9 81.5
49 104.9 92.6 172.0



#21
2-Butanone
Concen: 26.662 ug/L
RT: 4.03 min Scan# 914
Delta R.T. -0.00 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

Tgt Ion: 43 Resp: 81911
Ion Ratio Lower Upper
43 100
72 23.4 12.2 36.4

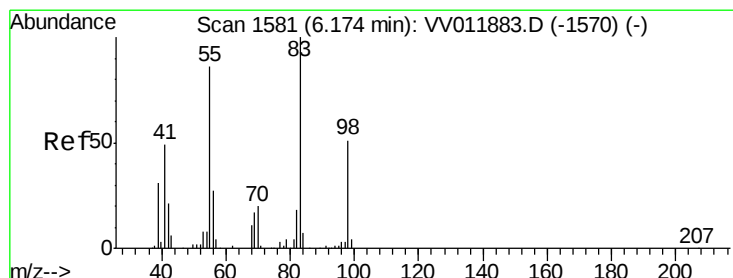
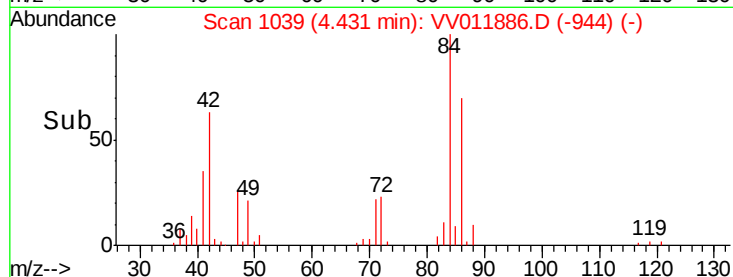
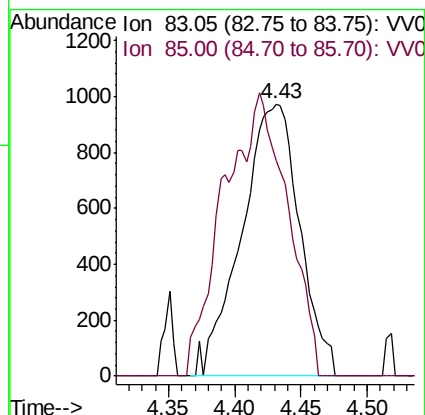
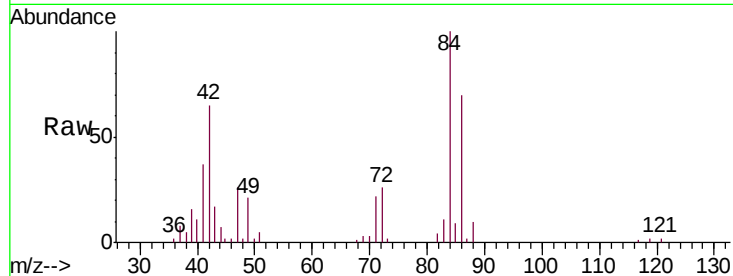




#25
Chloroform
Concen: 0.115 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

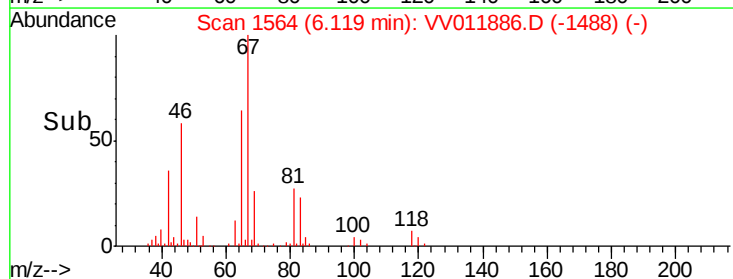
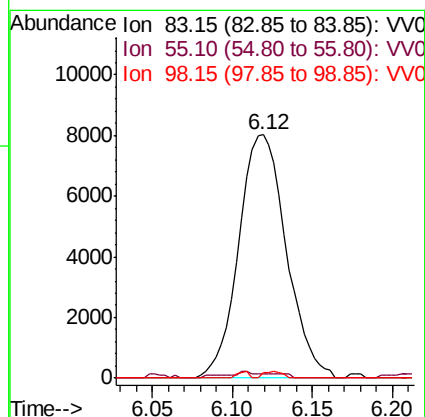
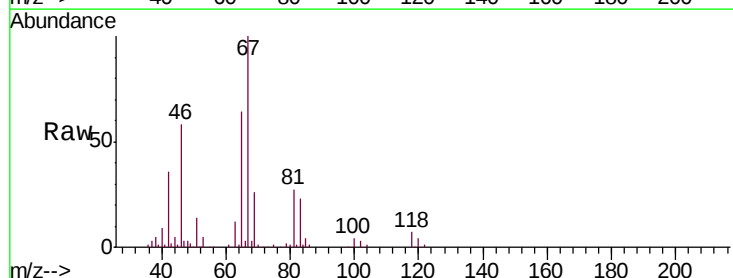
Instrument :
MSVOA_V
ClientSampleId :
A52X2

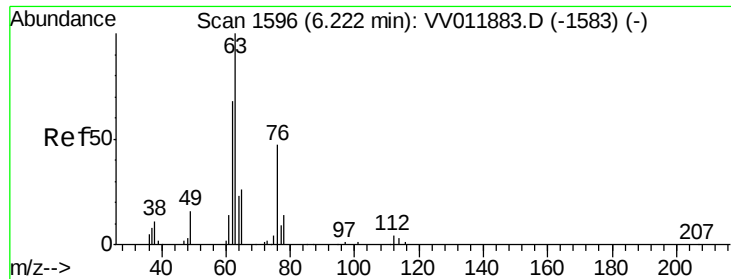
Tgt Ion: 83 Resp: 2984
Ion Ratio Lower Upper
83 100
85 79.0 43.8 81.4



#35
Methylcyclohexane
Concen: 0.744 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

Tgt Ion: 83 Resp: 16305
Ion Ratio Lower Upper
83 100
55 1.1 63.6 95.4#
98 1.1 39.1 58.7#

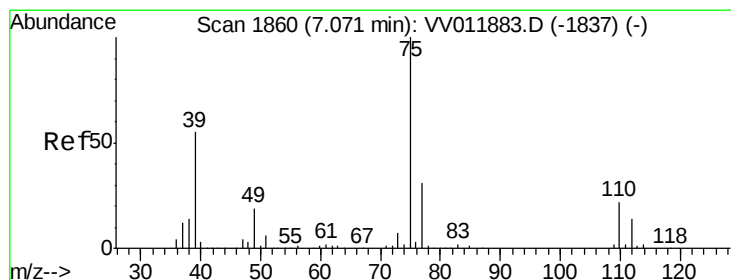
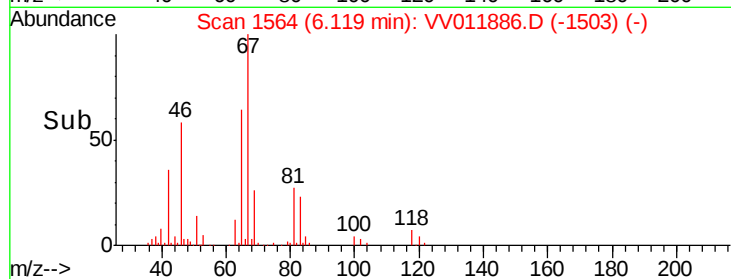
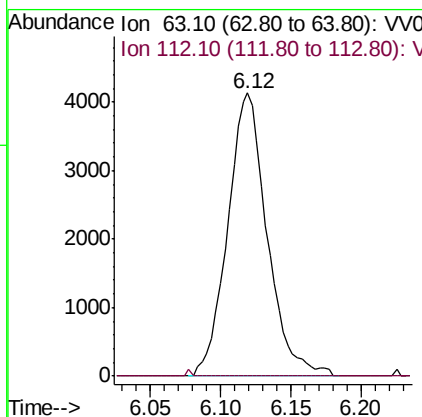
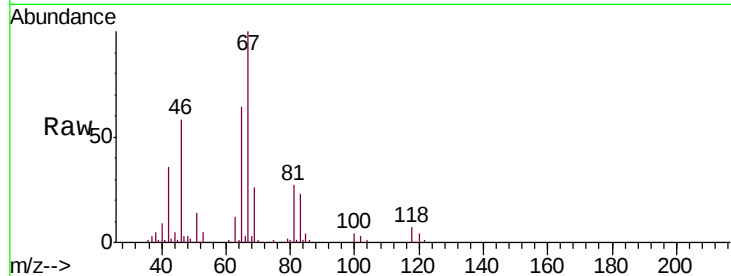




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV011886.D
 Acq: 15 Jul 2019 14:30

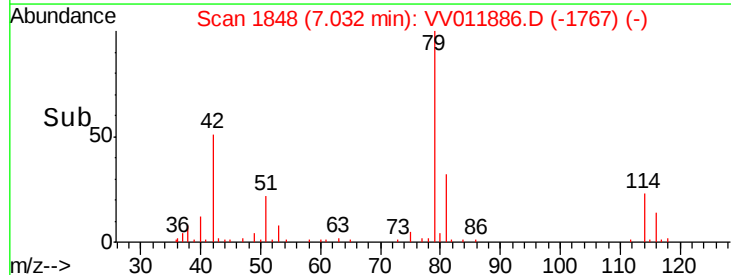
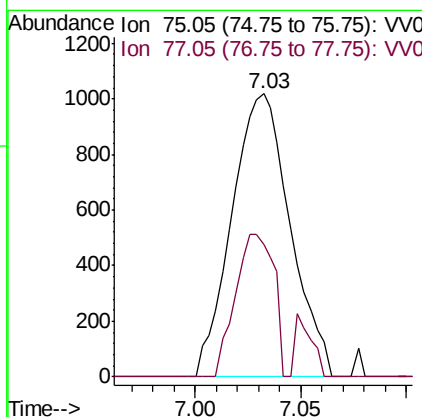
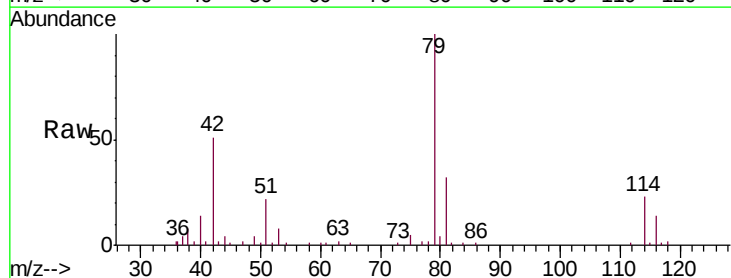
Instrument :
 MSVOA_V
 ClientSampleId :
 A52X2

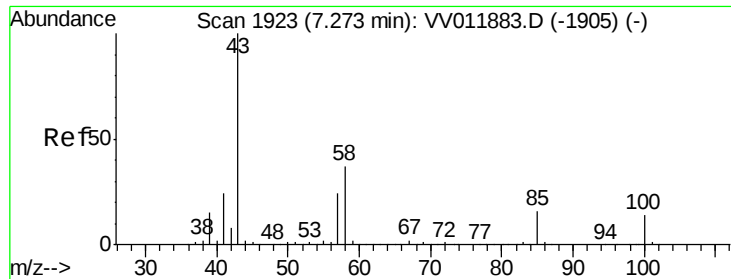
Tgt Ion: 63 Resp: 8078
 Ion Ratio Lower Upper
 63 100
 112 0.2 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV011886.D
 Acq: 15 Jul 2019 14:30

Tgt Ion: 75 Resp: 1958
 Ion Ratio Lower Upper
 75 100
 77 46.6 22.3 41.3#

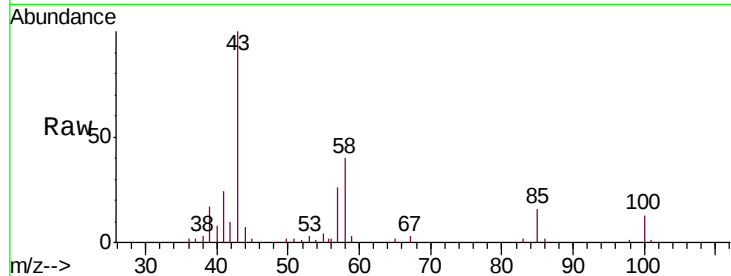




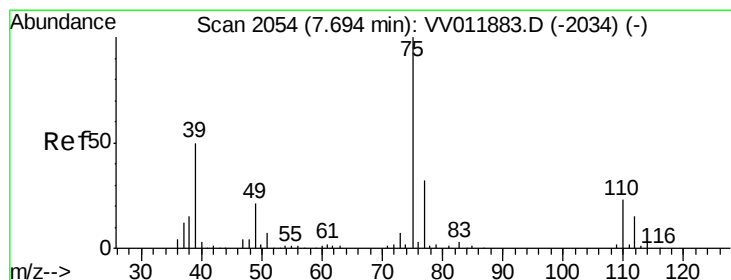
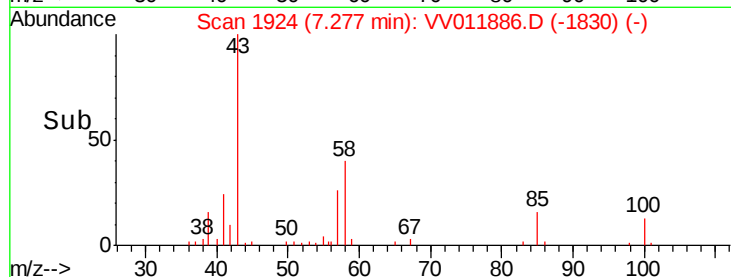
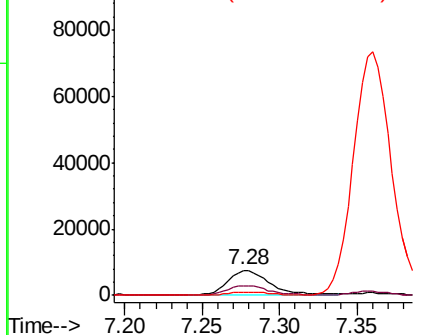
#40
4-Methyl-2-pentanone
Concen: 1.866 ug/L
RT: 7.28 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

Instrument :
MSVOA_V
ClientSampleId :
A52X2

Tgt Ion: 43 Resp: 14538
Ion Ratio Lower Upper
43 100
58 38.1 29.1 43.7
100 0.0 11.2 16.8#

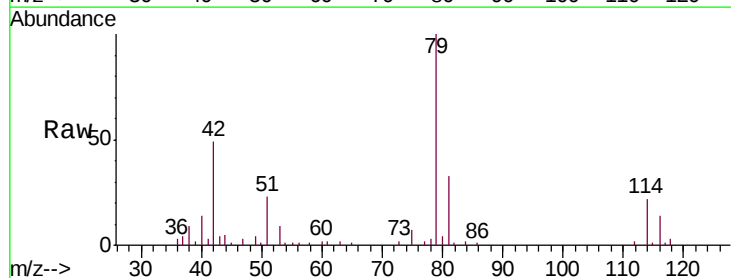


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 100.15 (99.85 to 100.85): VV0

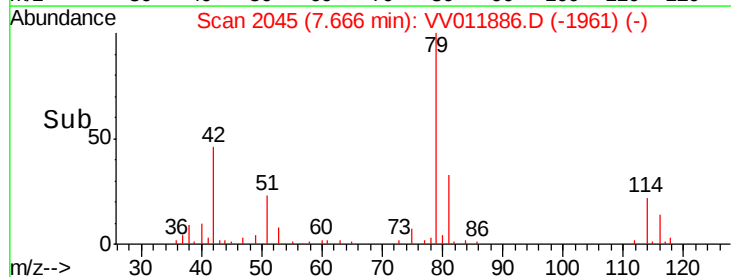
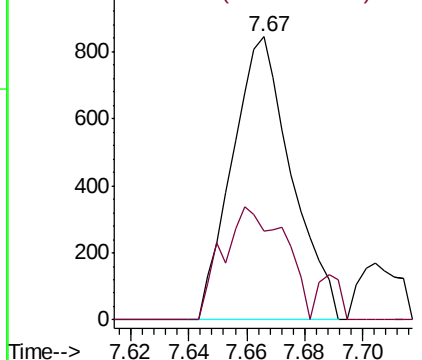


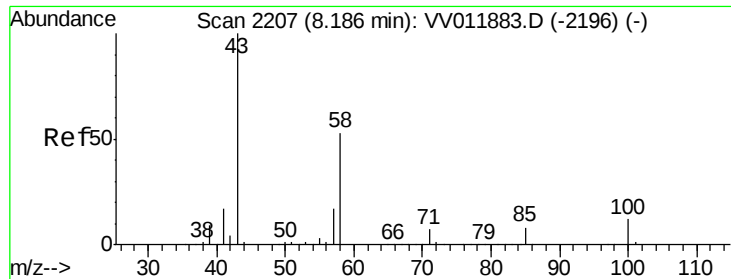
#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

Tgt Ion: 75 Resp: 1193
Ion Ratio Lower Upper
75 100
77 31.4 21.6 40.0



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

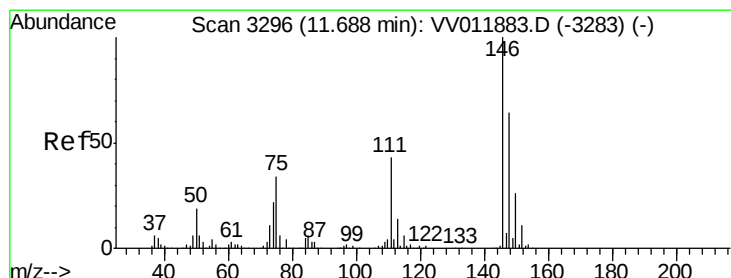
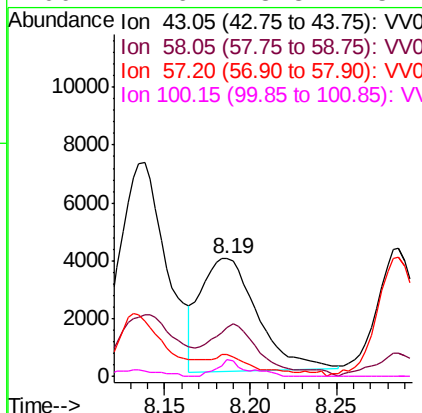
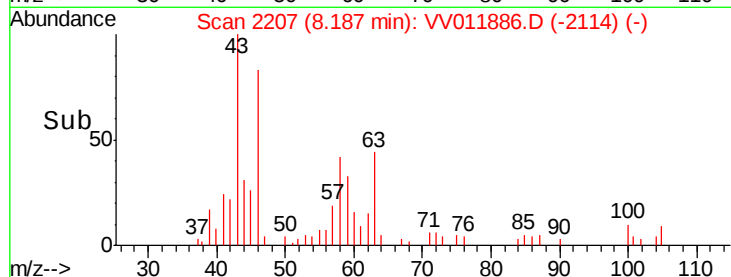
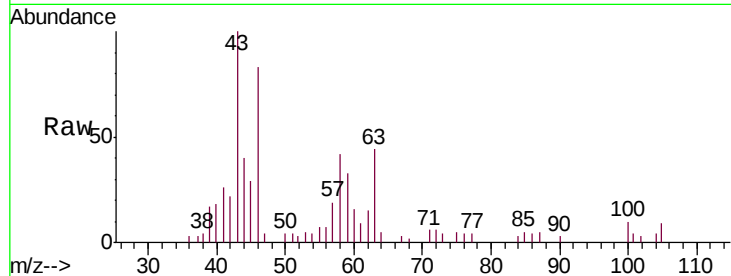




#48
2-Hexanone
Concen: 1.626 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. 0.00 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

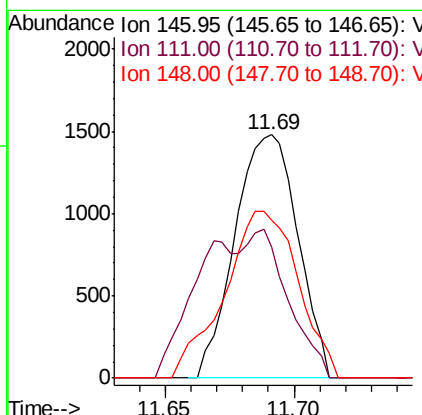
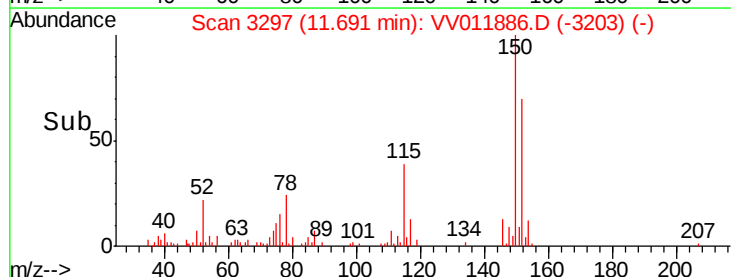
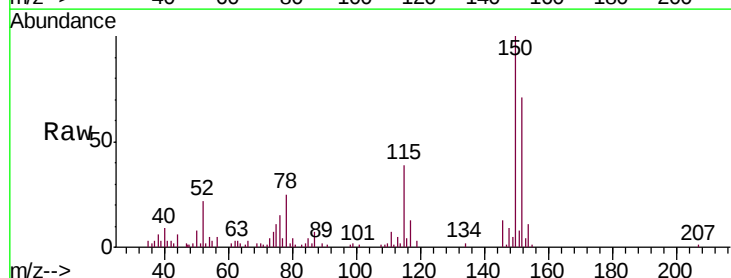
Instrument :
MSVOA_V
ClientSampled :
A52X2

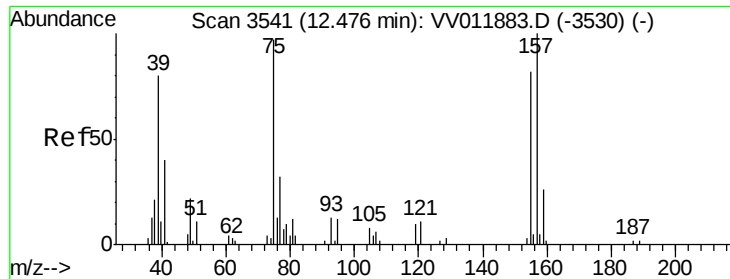
Tgt Ion: 43 Resp: 9098
Ion Ratio Lower Upper
43 100
58 34.0 40.6 61.0#
57 8.8 14.4 21.6#
100 7.6 8.8 13.2#



#65
1,2-Dichlorobenzene
Concen: 0.105 ug/L
RT: 11.69 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VV011886.D
Acq: 15 Jul 2019 14:30

Tgt Ion: 146 Resp: 2513
Ion Ratio Lower Upper
146 100
111 53.8 34.7 52.1#
148 65.1 51.4 77.0

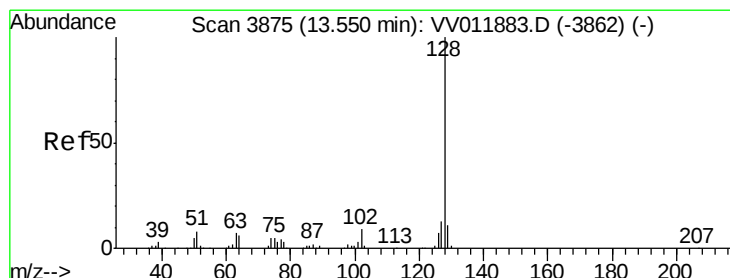
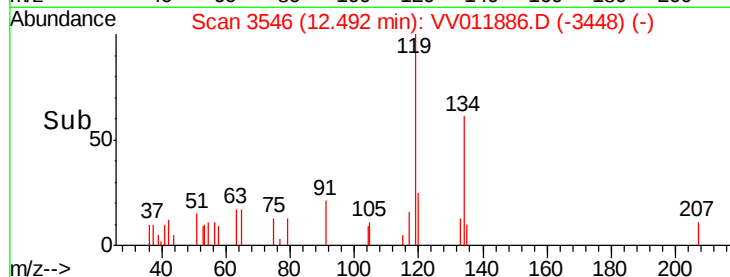
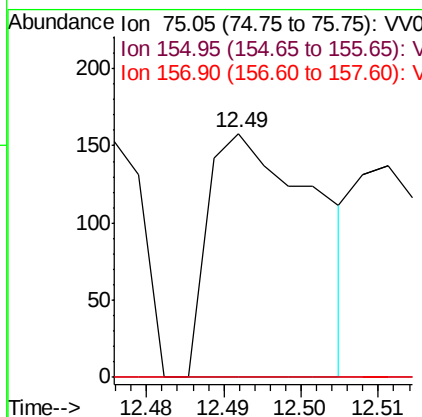
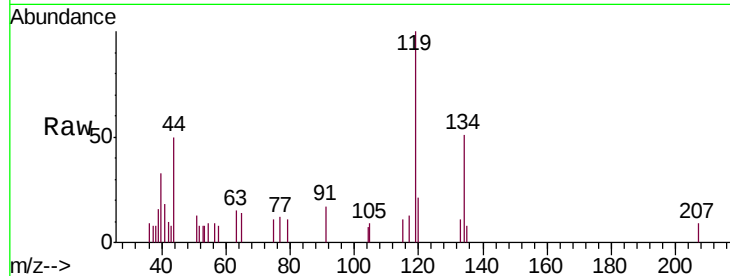




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.105 ug/L
 RT: 12.49 min Scan# 3546
 Delta R.T. 0.02 min
 Lab File: VV011886.D
 Acq: 15 Jul 2019 14:30

Instrument :
 MSVOA_V
 ClientSampleId :
 A52X2

Tgt Ion: 75 Resp: 154
 Ion Ratio Lower Upper
 75 100
 155 0.0 68.7 103.1#
 157 0.0 80.2 120.2#



#69
 Naphthalene
 Concen: 1.420 ug/L
 RT: 13.55 min Scan# 3876
 Delta R.T. 0.00 min
 Lab File: VV011886.D
 Acq: 15 Jul 2019 14:30

Tgt Ion: 128 Resp: 32997
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 13.0
 127 14.7 10.5 15.7

