

Data File : VV011680.D
Acq On : 21 Jun 2019 13:13
Operator : SY/MD
Sample : K3276-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8E1

Quant Time: Jun 22 04:14:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	162475	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	152589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61394	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47965	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.56	69	36263	4.78	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	72778	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.94	46	164867	58.04	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.08%
24) Chloroform-d	4.40	84	87151	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.08	65	60995	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.09	84	204828	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	63915	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	173226	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	19421	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	120032	55.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	48056	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	59716	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

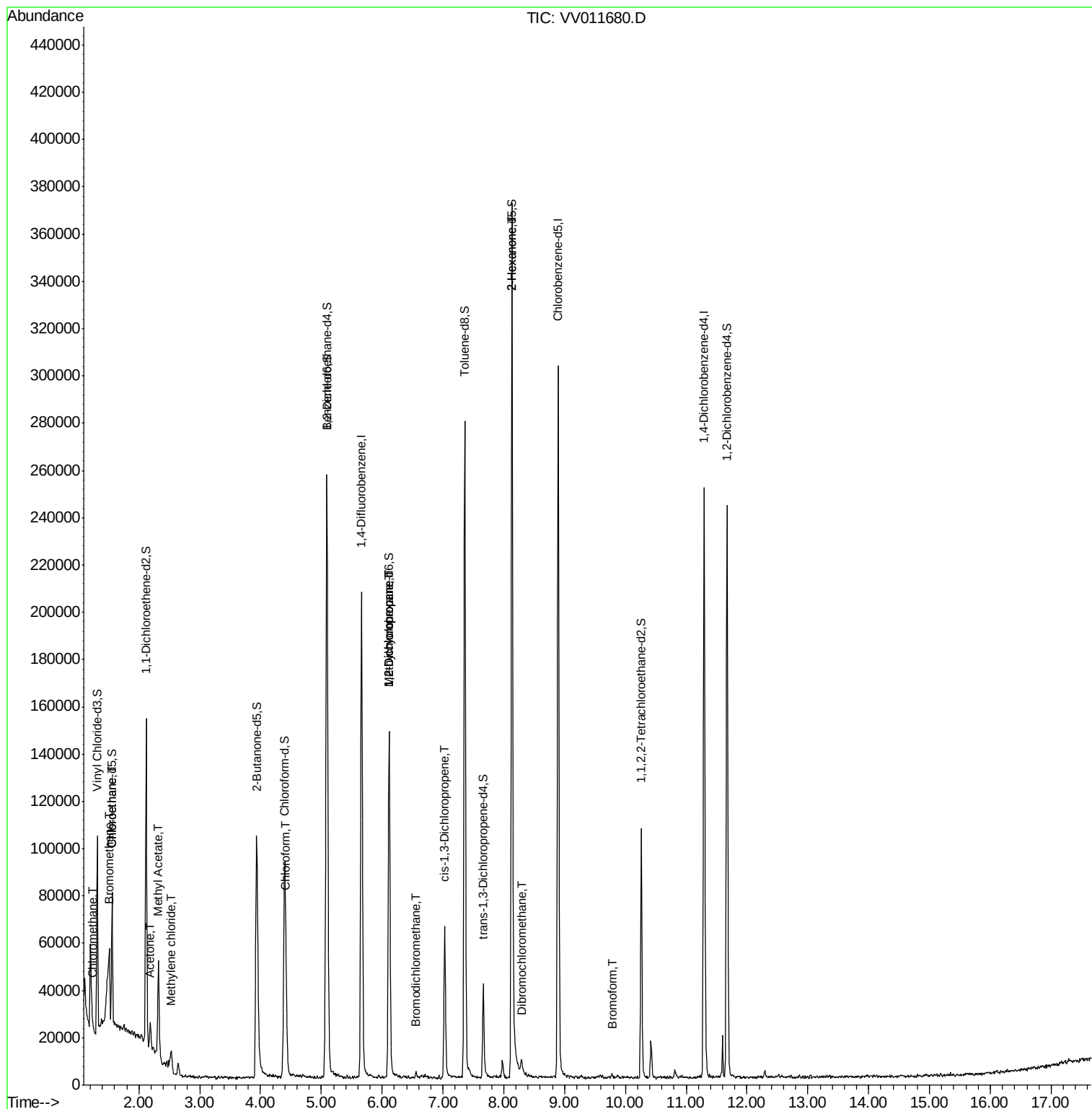
					Qvalue
3) Chloromethane	1.25	50	1340	0.087 ug/L	91
6) Bromomethane	1.51	94	1042	0.159 ug/L	97
8) Chloroethane	1.55	64	1991	0.254 ug/L #	55
13) Acetone	2.19	43	10762	5.245 ug/L	98
15) Methyl Acetate	2.32	43	10782	2.110 ug/L #	57
16) Methylene chloride	2.53	84	2178	0.194 ug/L	95
25) Chloroform	4.42	83	17329	0.672 ug/L	97
35) Methylcyclohexane	6.12	83	15187	0.701 ug/L #	14
37) 1,2-Dichloropropane	6.12	63	7917	0.616 ug/L #	89
38) Bromodichloromethane	6.55	83	1216	0.083 ug/L #	91
39) cis-1,3-Dichloropropene	7.03	75	1862	0.110 ug/L	85
48) 2-Hexanone	8.13	43	17350	3.063 ug/L #	71
49) Dibromochloromethane	8.29	129	1242	0.152 ug/L	87
61) Bromoform	9.78	173	404	0.117 ug/L #	73

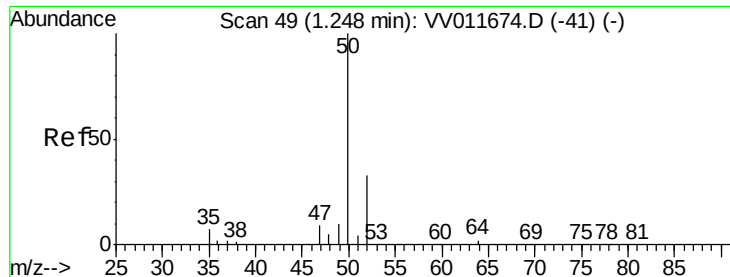
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011680.D
Acq On : 21 Jun 2019 13:13
Operator : SY/MD
Sample : K3276-03
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB8E1

Quant Time: Jun 22 04:14:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.087 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011680.D

Acq: 21 Jun 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

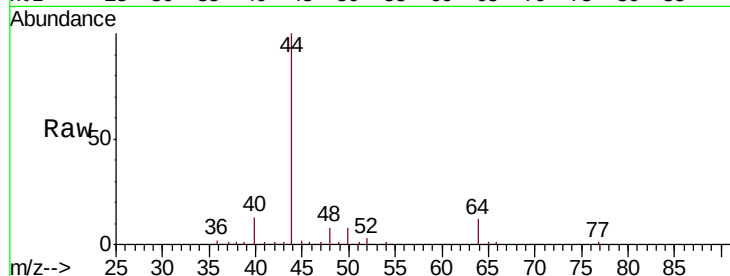
DB8E1

Tgt Ion: 50 Resp: 1340

Ion Ratio Lower Upper

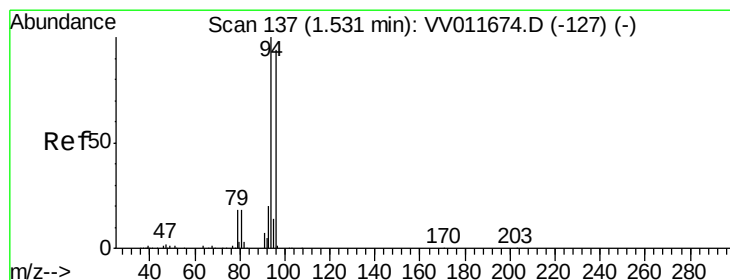
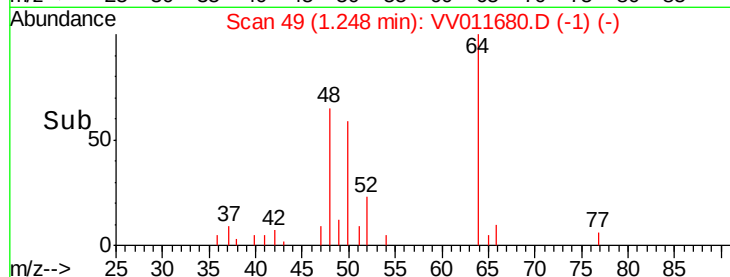
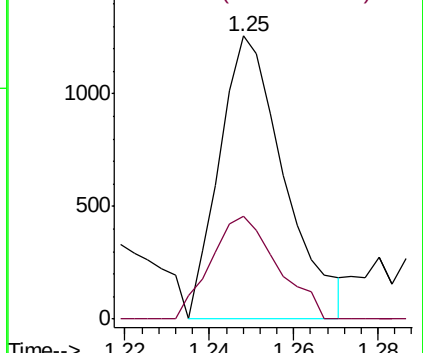
50 100

52 36.1 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.159 ug/L

RT: 1.51 min Scan# 131

Delta R.T. -0.02 min

Lab File: VV011680.D

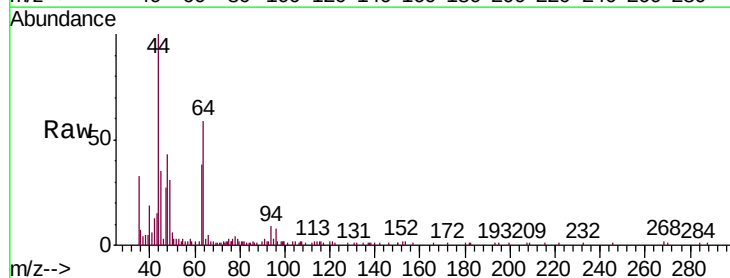
Acq: 21 Jun 2019 13:13

Tgt Ion: 94 Resp: 1042

Ion Ratio Lower Upper

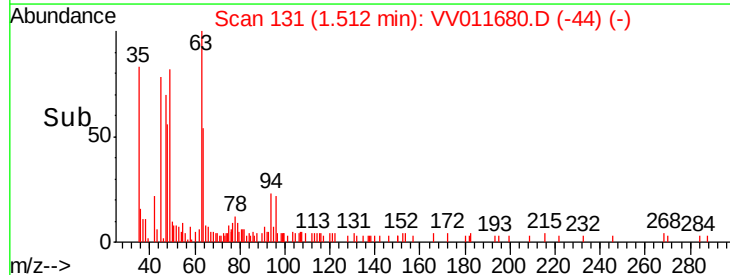
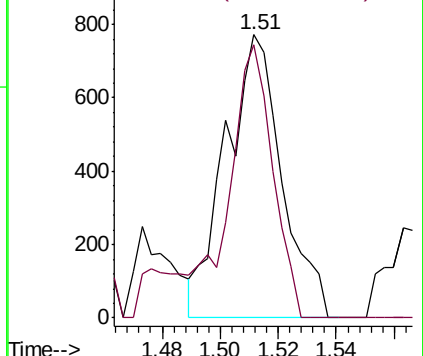
94 100

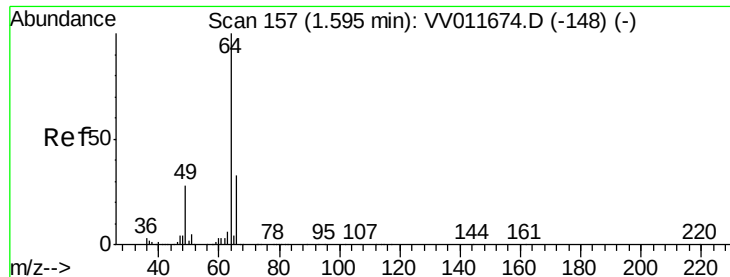
96 96.2 65.2 121.2



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.254 ug/L

RT: 1.55 min Scan# 142

Delta R.T. -0.05 min

Lab File: VV011680.D

Acq: 21 Jun 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

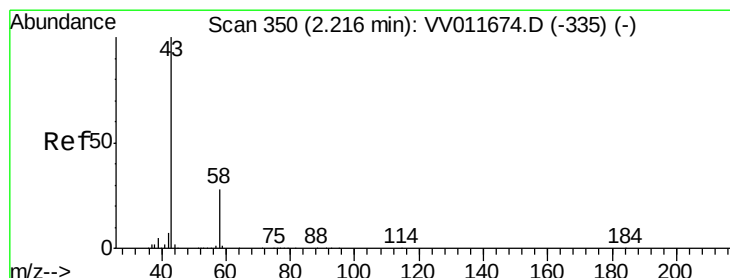
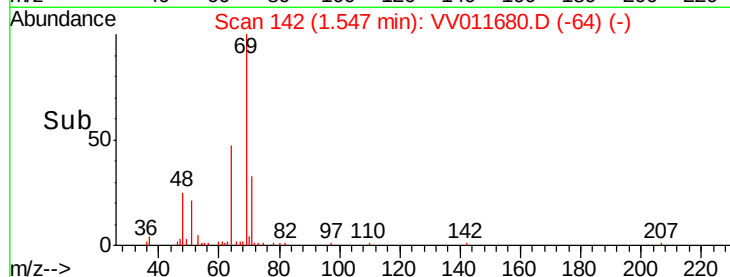
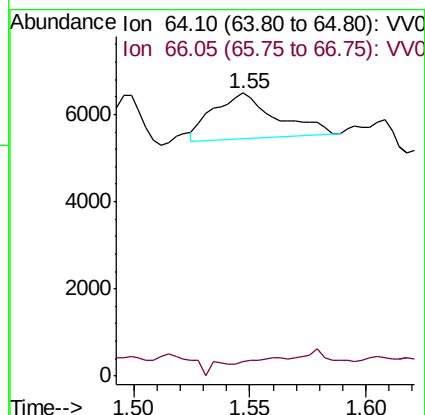
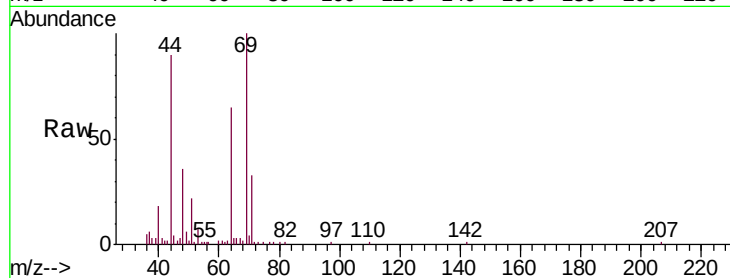
DB8E1

Tgt Ion: 64 Resp: 1991

Ion Ratio Lower Upper

64 100

66 5.3 20.6 38.4#



#13

Acetone

Concen: 5.245 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV011680.D

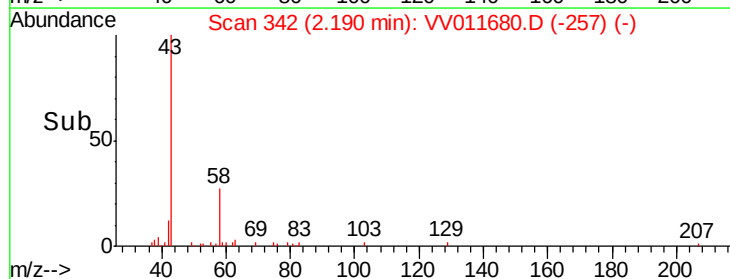
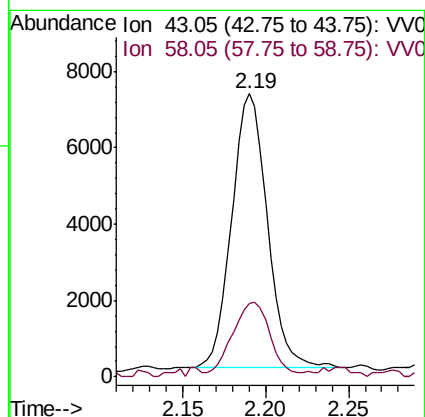
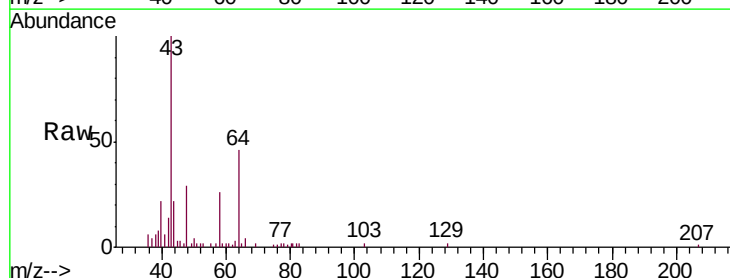
Acq: 21 Jun 2019 13:13

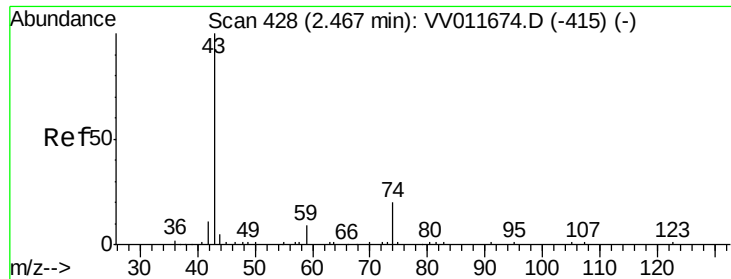
Tgt Ion: 43 Resp: 10762

Ion Ratio Lower Upper

43 100

58 29.1 0.0 56.6

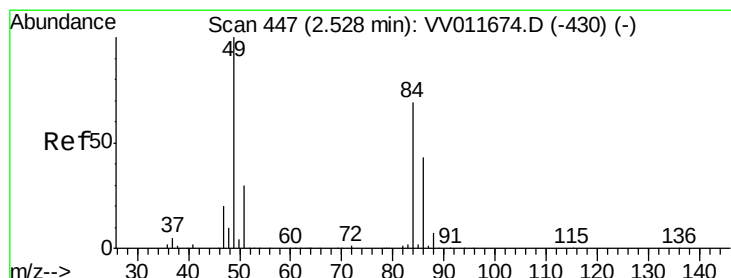
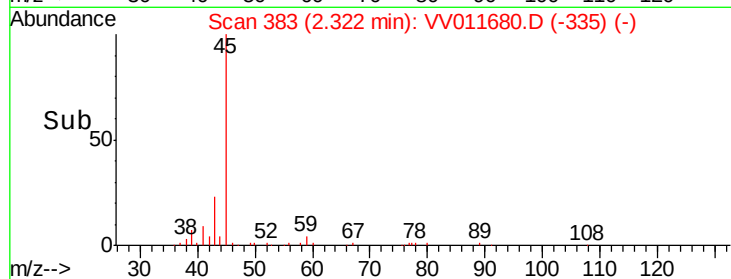
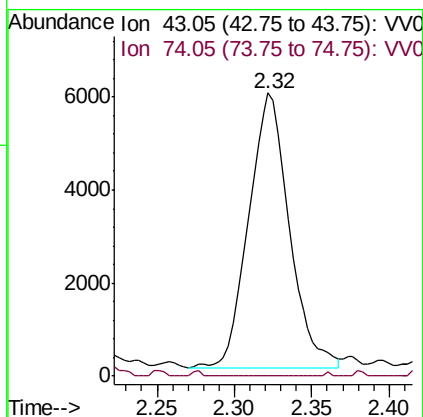
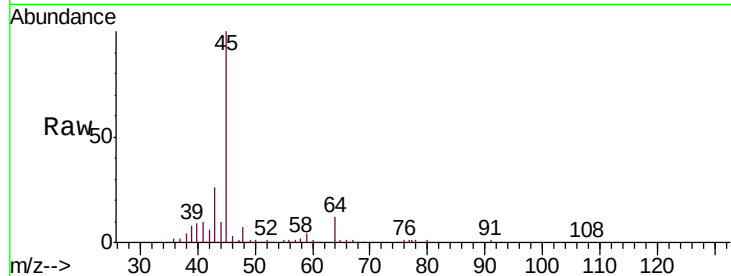




#15
Methyl Acetate
Concen: 2.110 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.14 min
Lab File: VV011680.D
Acq: 21 Jun 2019 13:13

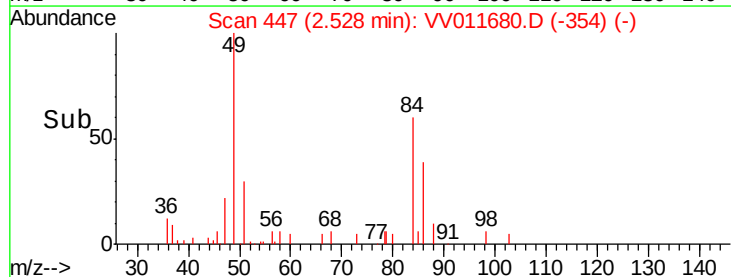
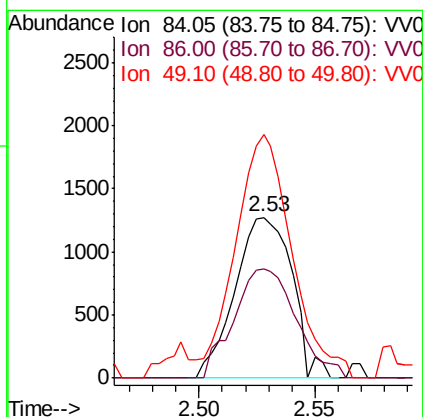
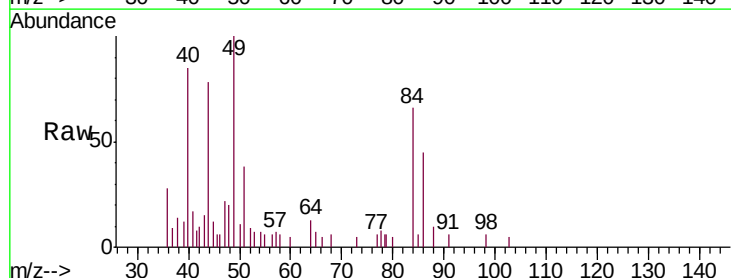
Instrument :
MSVOA_V
ClientSampleId :
DB8E1

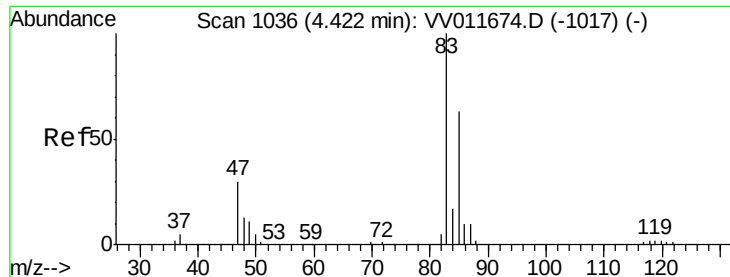
Tgt Ion: 43 Resp: 10782
Ion Ratio Lower Upper
43 100
74 0.2 16.2 24.2#



#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV011680.D
Acq: 21 Jun 2019 13:13

Tgt Ion: 84 Resp: 2178
Ion Ratio Lower Upper
84 100
86 67.6 44.9 83.5
49 151.3 101.4 188.2

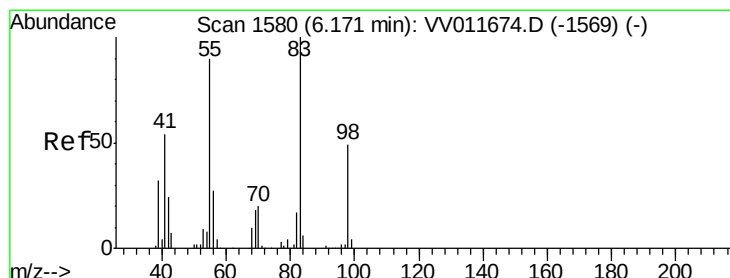
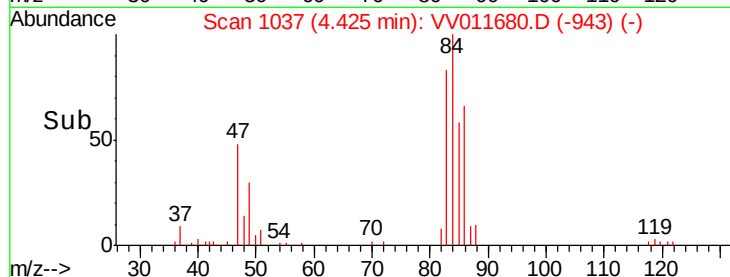
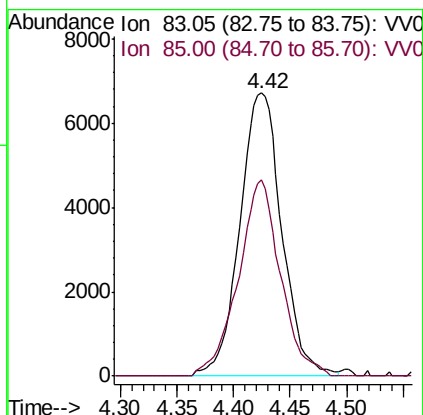
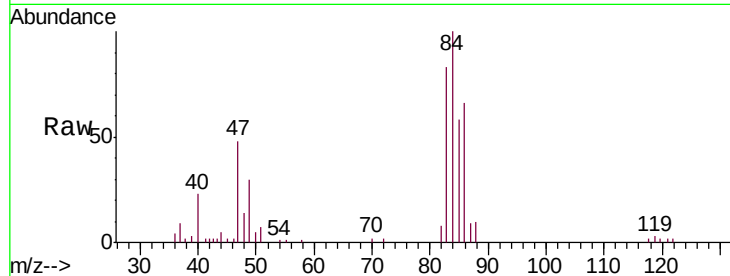




#25
Chloroform
Concen: 0.672 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011680.D
Acq: 21 Jun 2019 13:13

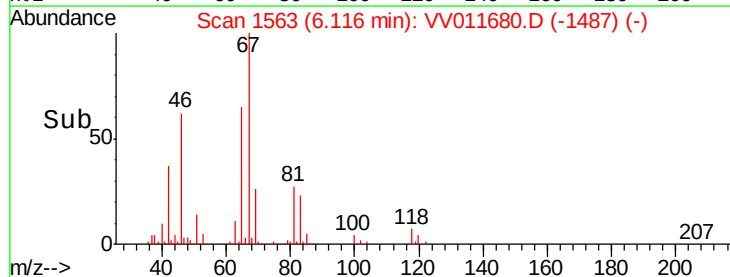
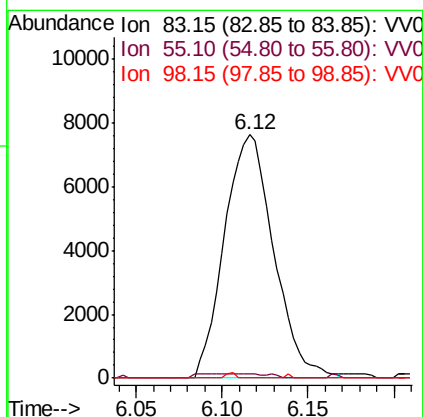
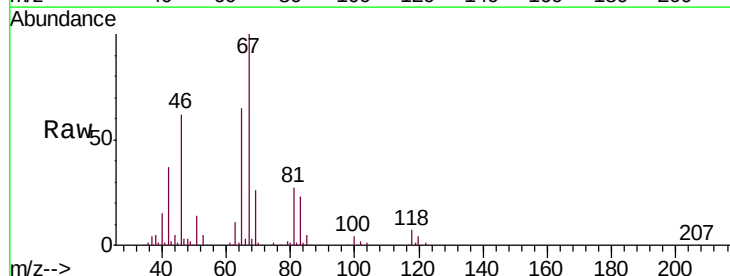
Instrument :
MSVOA_V
ClientSampled :
DB8E1

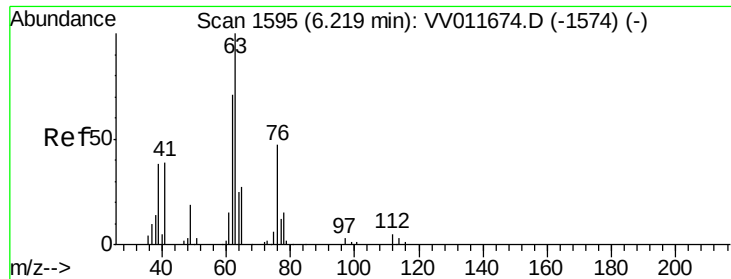
Tgt Ion: 83 Resp: 17329
Ion Ratio Lower Upper
83 100
85 69.5 47.0 87.2



#35
Methylcyclohexane
Concen: 0.701 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011680.D
Acq: 21 Jun 2019 13:13

Tgt Ion: 83 Resp: 15187
Ion Ratio Lower Upper
83 100
55 0.2 69.4 104.2#
98 0.4 40.2 60.4#

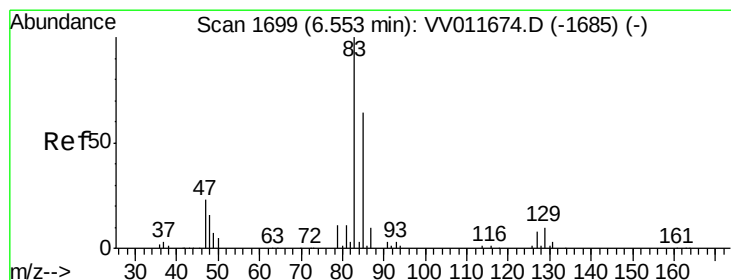
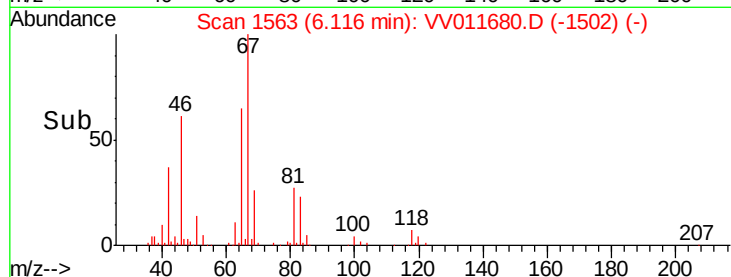
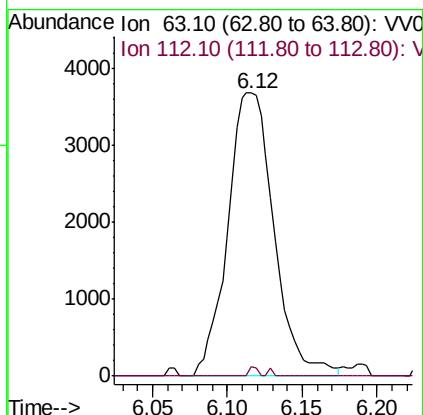
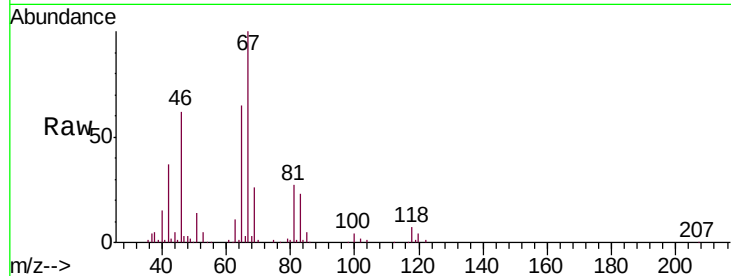




#37
 1,2-Dichloropropane
 Concen: 0.616 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011680.D
 Acq: 21 Jun 2019 13:13

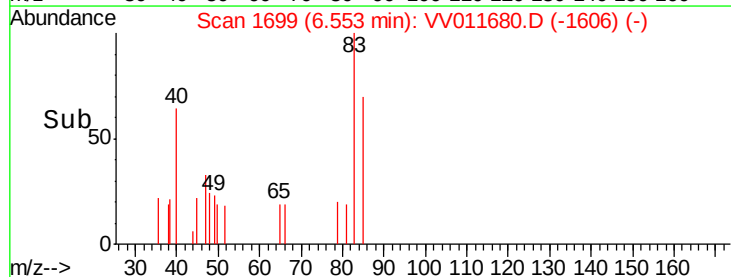
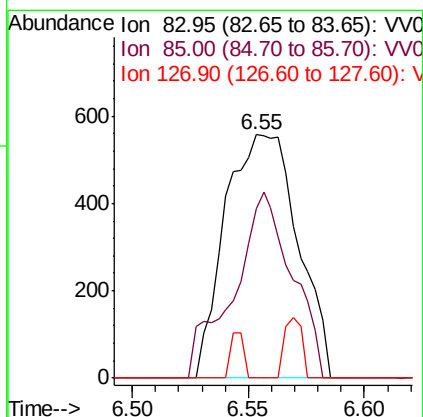
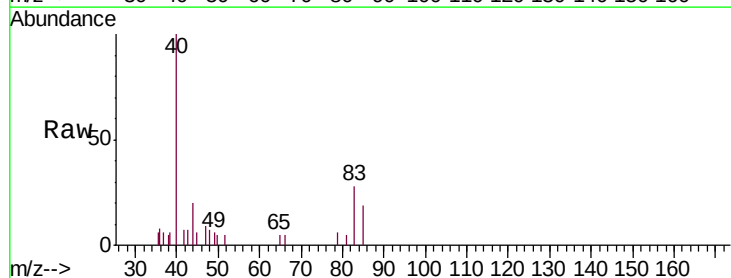
Instrument :
 MSVOA_V
 ClientSampled :
 DB8E1

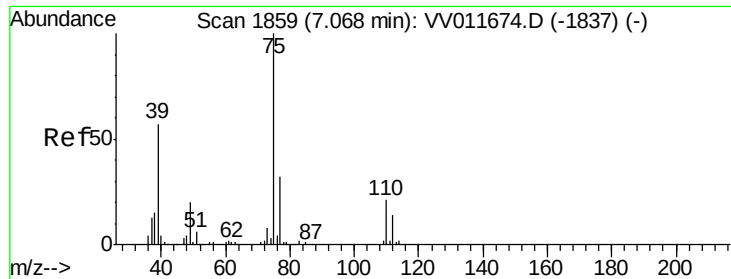
Tgt Ion: 63 Resp: 7917
 Ion Ratio Lower Upper
 63 100
 112 0.5 3.4 5.2#



#38
 Bromodichloromethane
 Concen: 0.083 ug/L
 RT: 6.55 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VV011680.D
 Acq: 21 Jun 2019 13:13

Tgt Ion: 83 Resp: 1216
 Ion Ratio Lower Upper
 83 100
 85 69.5 44.5 82.7
 127 0.0 6.2 9.2#

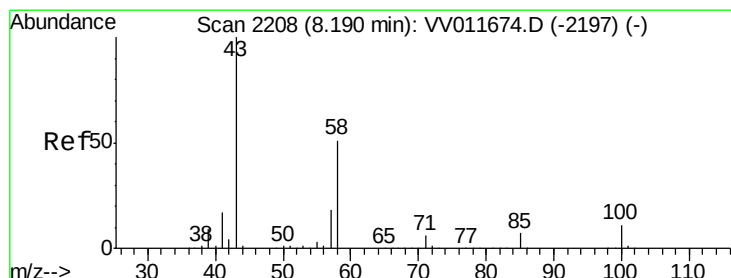
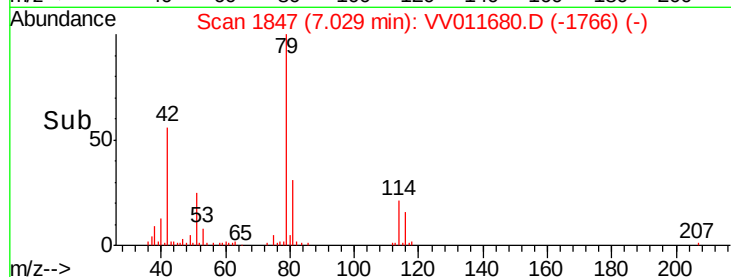
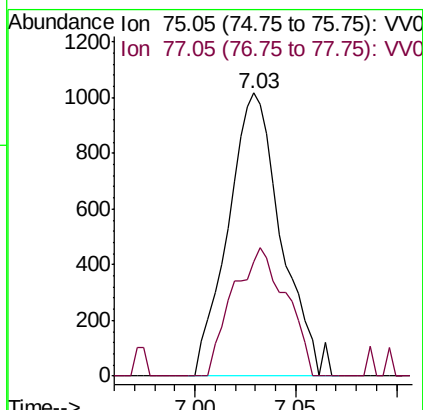
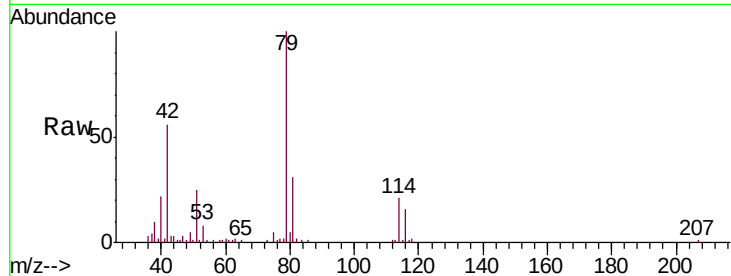




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV011680.D
 Acq: 21 Jun 2019 13:13

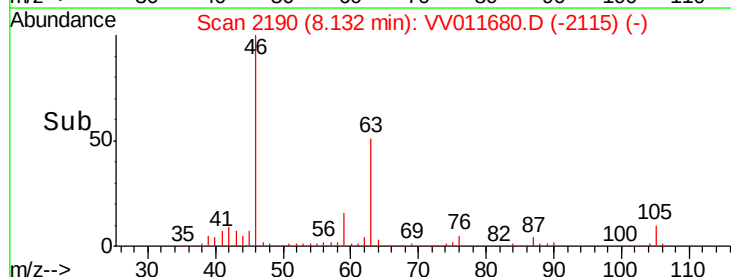
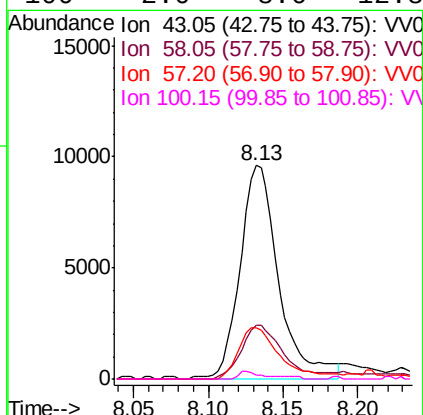
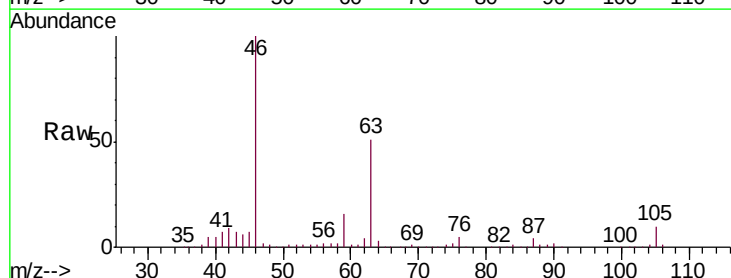
Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E1

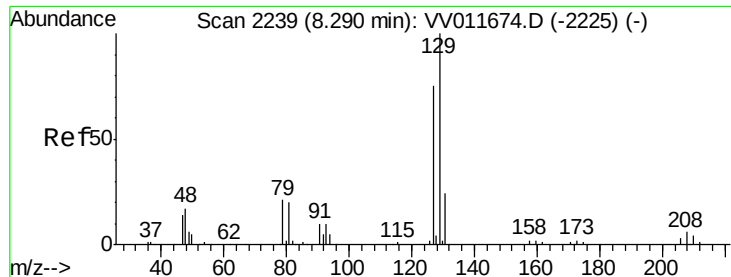
Tgt Ion: 75 Resp: 1862
 Ion Ratio Lower Upper
 75 100
 77 40.3 22.4 41.6



#48
 2-Hexanone
 Concen: 3.063 ug/L
 RT: 8.13 min Scan# 2190
 Delta R.T. -0.06 min
 Lab File: VV011680.D
 Acq: 21 Jun 2019 13:13

Tgt Ion: 43 Resp: 17350
 Ion Ratio Lower Upper
 43 100
 58 26.7 40.1 60.1#
 57 26.0 14.4 21.6#
 100 2.0 8.6 12.8#





#49

Dibromochloromethane

Concen: 0.152 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. -0.00 min

Lab File: VV011680.D

Acq: 21 Jun 2019 13:13

Instrument :

MSVOA_V

ClientSampleId :

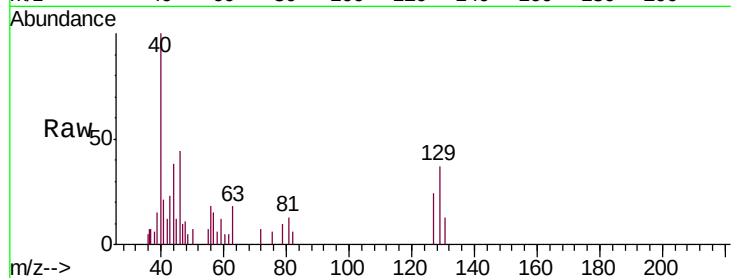
DB8E1

Tgt Ion:129 Resp: 1242

Ion Ratio Lower Upper

129 100

127 65.3 53.5 99.5



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.29

800

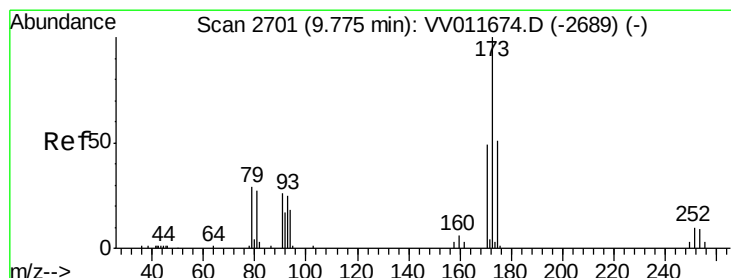
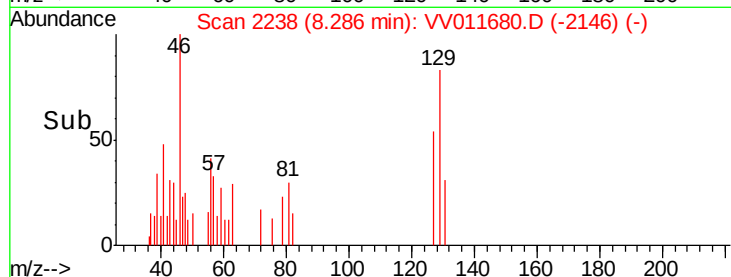
600

400

200

0

Time-->



#61

Bromoform

Concen: 0.117 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. 0.00 min

Lab File: VV011680.D

Acq: 21 Jun 2019 13:13

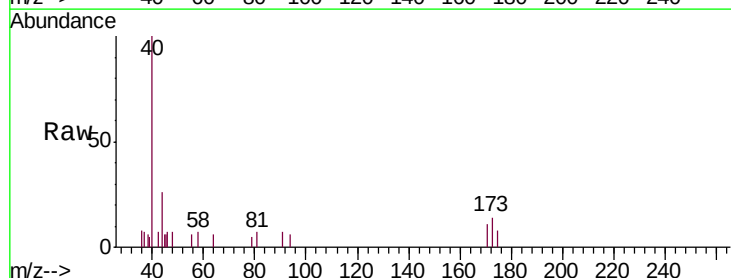
Tgt Ion:173 Resp: 404

Ion Ratio Lower Upper

173 100

175 66.6 38.3 57.5#

254 0.0 7.4 11.0#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

300

200

100

0

Time-->

