

Data File : VV009823.D
Acq On : 22 Mar 2019 13:27
Operator : SY/MD
Sample : K2049-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB-190319-01

Quant Time: Mar 23 03:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	100651	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	100591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45734	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56766	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.59	69	53061	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	110451	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.98	46	71227	50.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.20%
24) Chloroform-d	4.40	84	59967	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.09	65	29169	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	124053	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.12	67	37755	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.36	98	113547	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
43) trans-1,3-Dichloropropene-	7.67	79	11405	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.14	63	60979	49.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	27332	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	39042	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

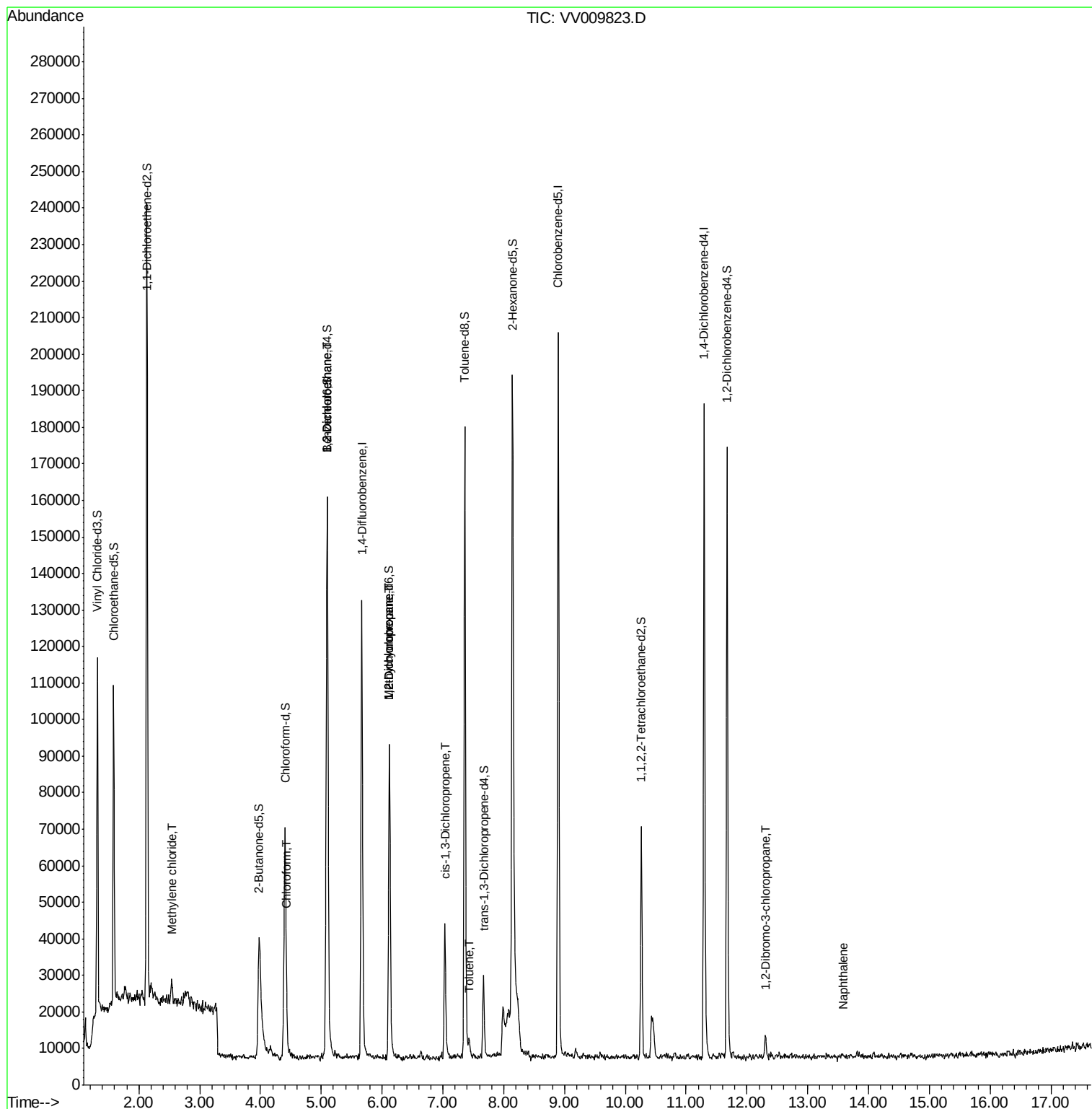
						Qvalue
16) Methylene chloride	2.54	84	2614	0.172	ug/L	91
25) Chloroform	4.43	83	991	0.081	ug/L	91
27) 1,2-Dichloroethane	5.09	62	970	0.131	ug/L #	75
35) Methylcyclohexane	6.12	83	8429	0.689	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	4511	0.639	ug/L #	88
39) cis-1,3-Dichloropropene	7.04	75	1060	0.111	ug/L	93
42) Toluene	7.43	91	2508	0.078	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.30	75	187	0.255	ug/L #	1
69) Naphthalene	13.57	128	851	0.066	ug/L #	69

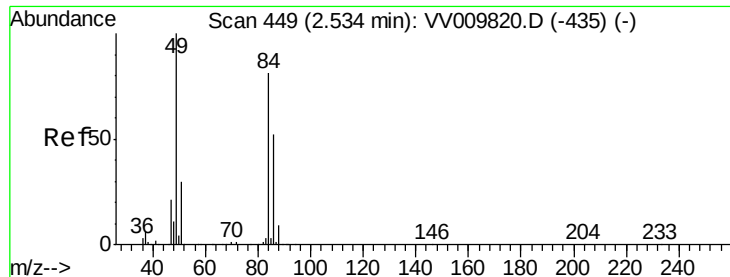
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV009823.D
Acq On : 22 Mar 2019 13:27
Operator : SY/MD
Sample : K2049-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
TB-190319-01

Quant Time: Mar 23 03:56:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 23 03:53:22 2019
Response via : Initial Calibration

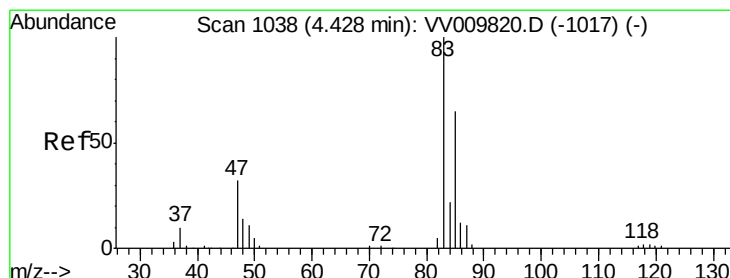
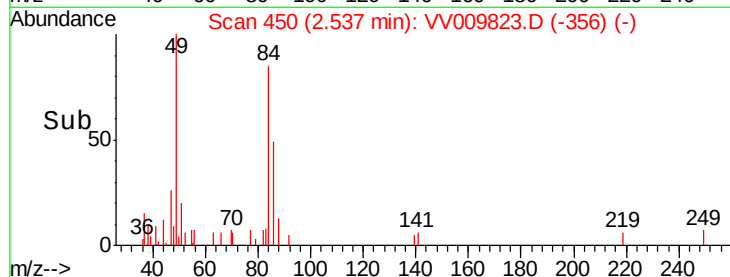
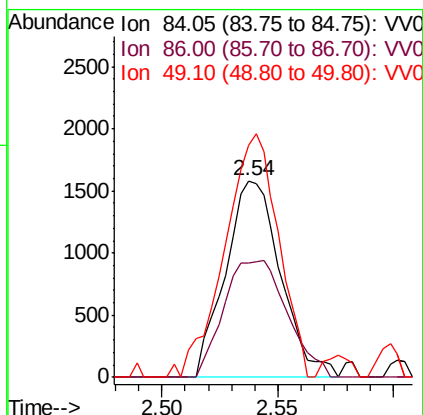
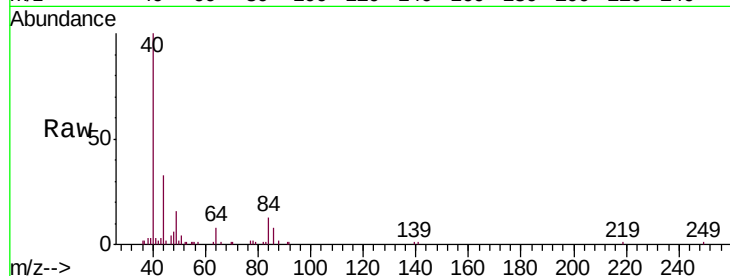




#16
Methylene chloride
Concen: 0.172 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009823.D
Acq: 22 Mar 2019 13:27

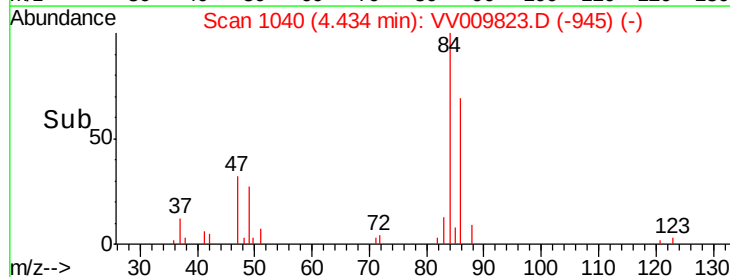
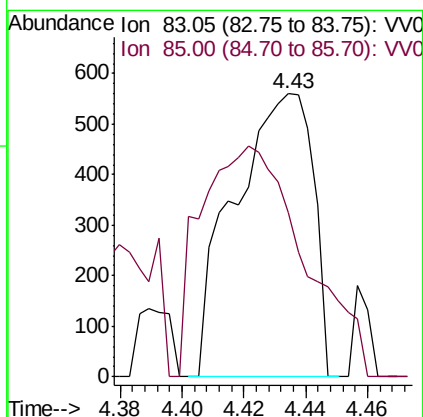
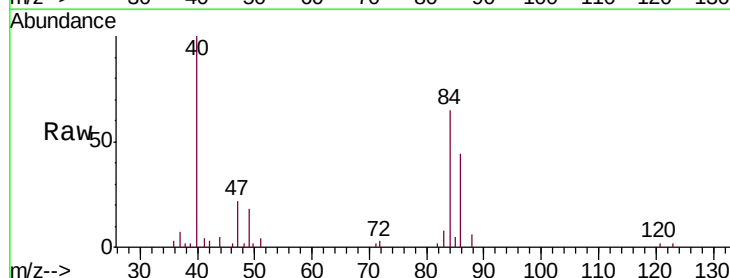
Instrument :
MSVOA_V
ClientSampleId :
TB-190319-01

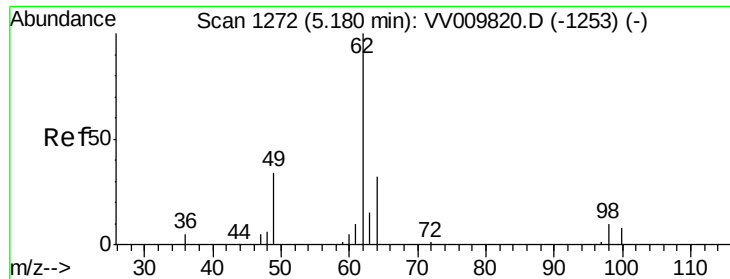
Tgt Ion: 84 Resp: 2614
Ion Ratio Lower Upper
84 100
86 58.4 46.1 85.5
49 118.3 89.7 166.5



#25
Chloroform
Concen: 0.081 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.01 min
Lab File: VV009823.D
Acq: 22 Mar 2019 13:27

Tgt Ion: 83 Resp: 991
Ion Ratio Lower Upper
83 100
85 58.2 45.7 84.9





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV009823.D

Acq: 22 Mar 2019 13:27

Instrument :

MSVOA_V

ClientSampleId :

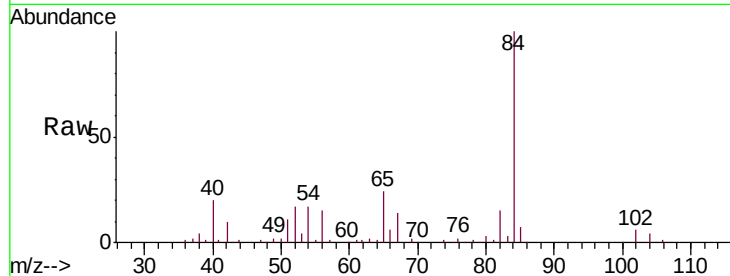
TB-190319-01

Tgt Ion: 62 Resp: 970

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.0#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

5.09

400

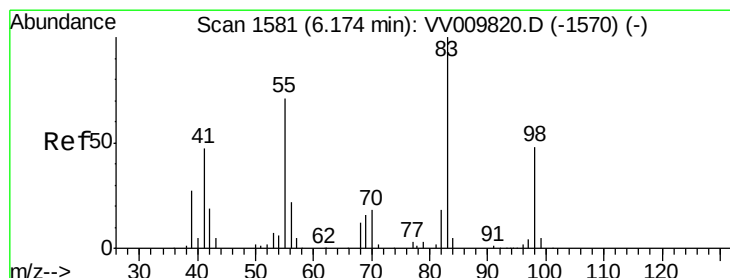
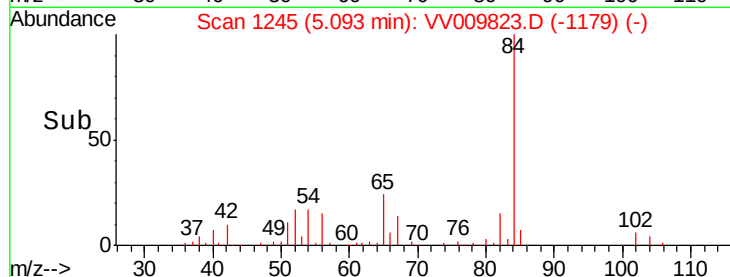
300

200

100

0

Time-->



#35

Methylcyclohexane

Concen: 0.689 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.05 min

Lab File: VV009823.D

Acq: 22 Mar 2019 13:27

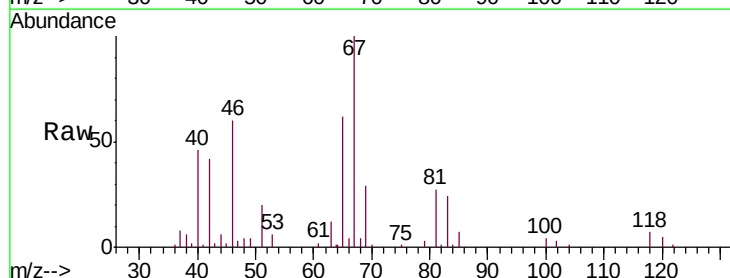
Tgt Ion: 83 Resp: 8429

Ion Ratio Lower Upper

83 100

55 0.3 57.4 86.2#

98 0.6 38.9 58.3#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

6.12

5000

4000

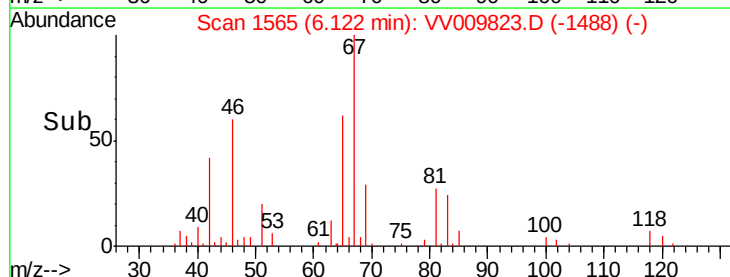
3000

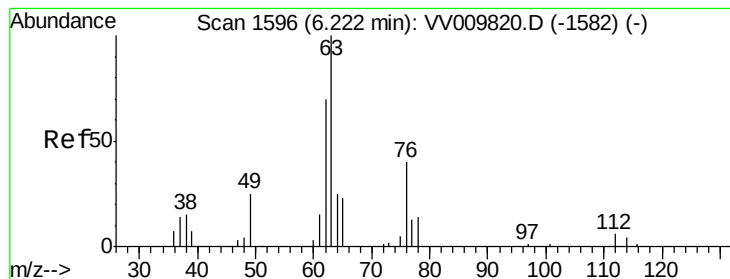
2000

1000

0

Time-->





#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.12 min Scan# 1565

Delta R.T. -0.10 min

Lab File: VV009823.D

Acq: 22 Mar 2019 13:27

Instrument :

MSVOA_V

ClientSampleId :

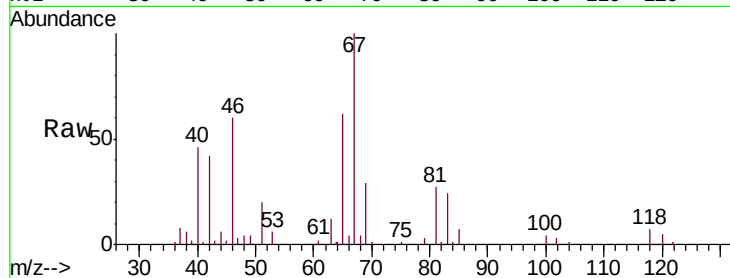
TB-190319-01

Tgt Ion: 63 Resp: 4511

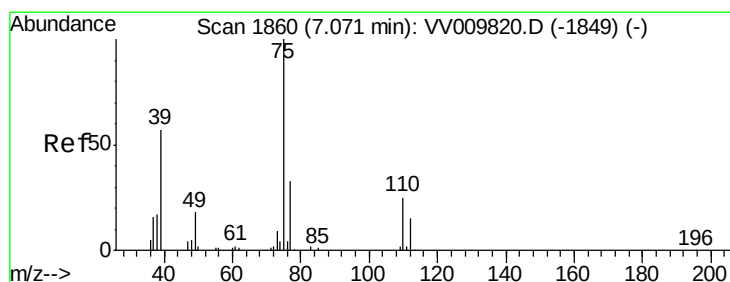
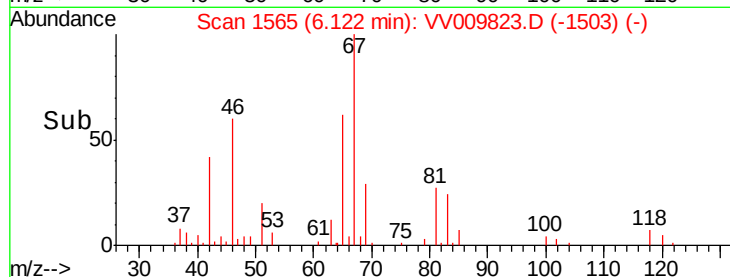
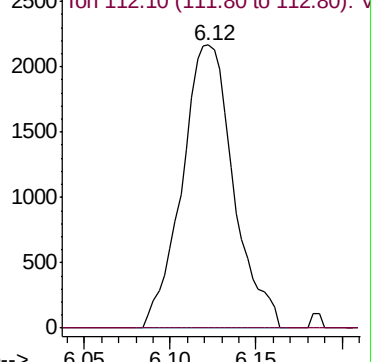
Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VV009823.D (-1503) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.04 min Scan# 1849

Delta R.T. -0.04 min

Lab File: VV009823.D

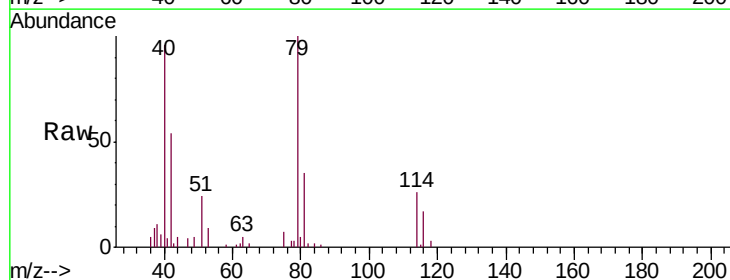
Acq: 22 Mar 2019 13:27

Tgt Ion: 75 Resp: 1060

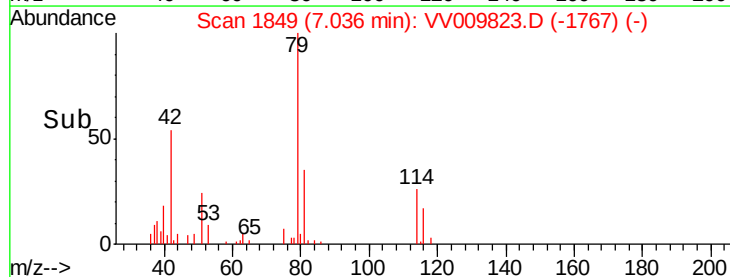
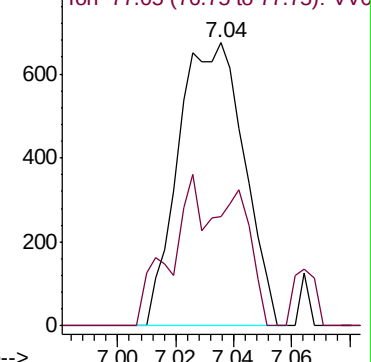
Ion Ratio Lower Upper

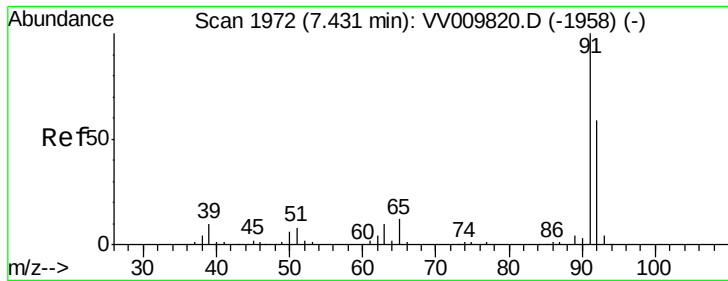
75 100

77 38.7 24.1 44.8



Abundance Ion 75.05 (74.75 to 75.75): VV009823.D (-1767) (-)





#42

Toluene

Concen: 0.078 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV009823.D

Acq: 22 Mar 2019 13:27

Instrument :

MSVOA_V

ClientSampleId :

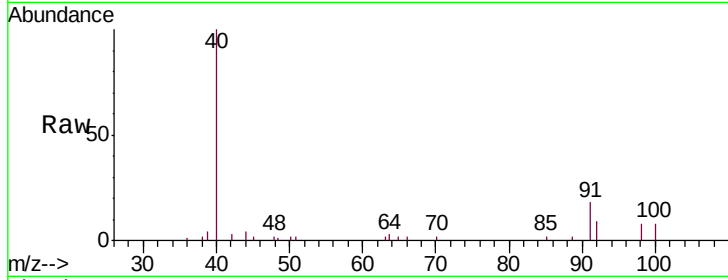
TB-190319-01

Tgt Ion: 91 Resp: 2508

Ion Ratio Lower Upper

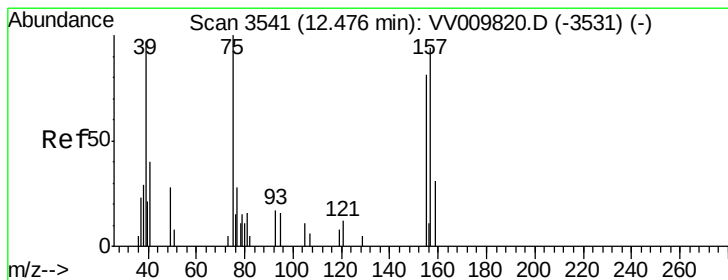
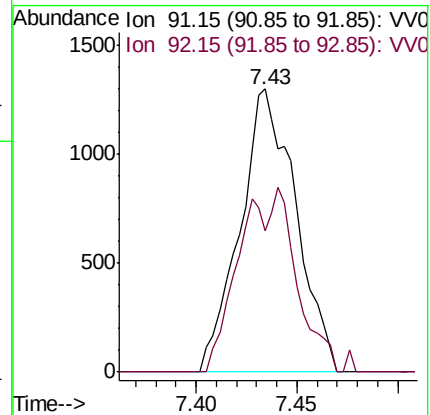
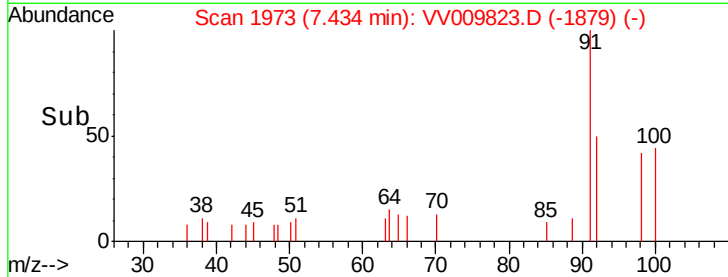
91 100

92 49.9 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV009823.D (-1879) (-)

Ion 92.15 (91.85 to 92.85): VV009823.D (-1879) (-)



#66

1,2-Dibromo-3-chloropropane

Concen: 0.255 ug/L

RT: 12.30 min Scan# 3486

Delta R.T. -0.18 min

Lab File: VV009823.D

Acq: 22 Mar 2019 13:27

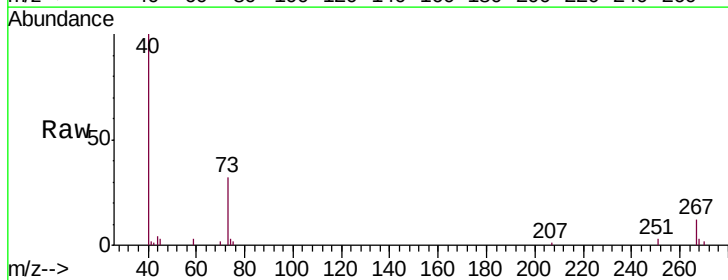
Tgt Ion: 75 Resp: 187

Ion Ratio Lower Upper

75 100

155 0.0 73.5 110.3#

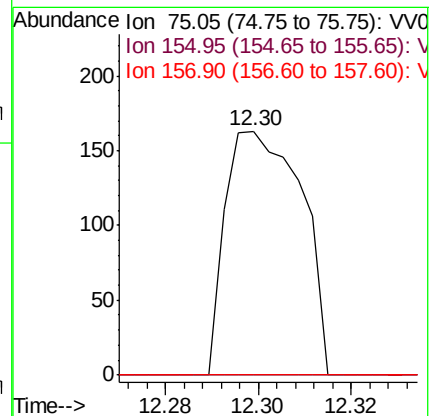
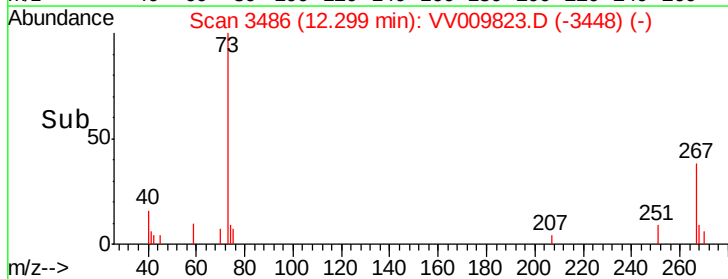
157 0.0 88.3 132.5#

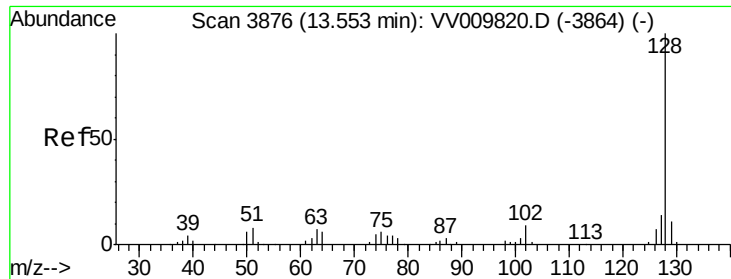


Abundance Ion 75.05 (74.75 to 75.75): VV009823.D (-3448) (-)

Ion 154.95 (154.65 to 155.65): VV009823.D (-3448) (-)

Ion 156.90 (156.60 to 157.60): VV009823.D (-3448) (-)





#69

Naphthalene

Concen: 0.066 ug/L

RT: 13.57 min Scan# 3880

Delta R.T. 0.01 min

Lab File: VV009823.D

Acq: 22 Mar 2019 13:27

Instrument :

MSVOA_V

ClientSampleId :

TB-190319-01

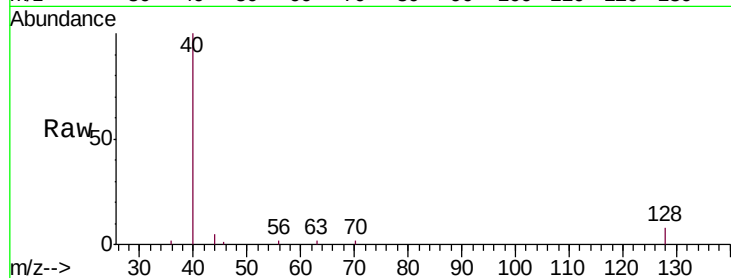
Tgt Ion:128 Resp: 851

Ion Ratio Lower Upper

128 100

129 0.0 8.9 13.3#

127 0.0 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

