

Data File : VV010550.D
Acq On : 29 Apr 2019 16:40
Operator : SY/MD
Sample : VV0430WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK42

Quant Time: Apr 30 06:49:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	192387	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	188196	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82772	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40034	4.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.60%
7) Chloroethane-d5	1.58	69	29291	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.13	63	58413	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.94	46	103236	42.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.54%
24) Chloroform-d	4.40	84	115941	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	55209	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	222354	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.12	67	62457	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	202546	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.66	79	21556	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.13	63	89282	41.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	47801	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	84106	5.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.40%

Target Compounds

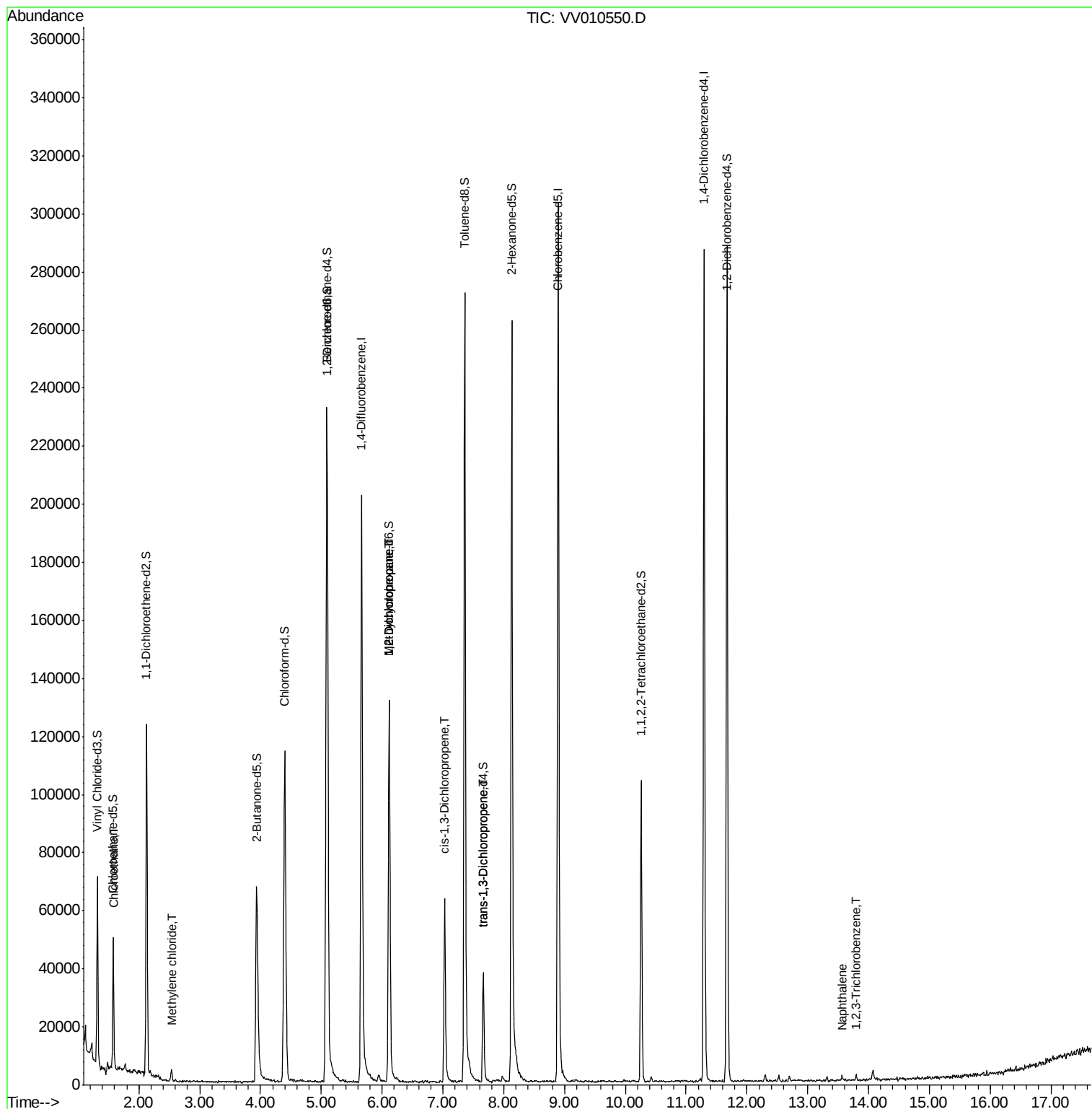
					Qvalue	
8) Chloroethane	1.59	64	535	0.124	ug/L #	61
16) Methylene chloride	2.54	84	1707	0.121	ug/L	95
35) Methylcyclohexane	6.12	83	15373	0.836	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7433	0.662	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1750	0.108	ug/L	93
44) trans-1,3-Dichloropropene	7.66	75	1250	0.098	ug/L	93
69) Naphthalene	13.56	128	1530	0.063	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	861	0.053	ug/L	89

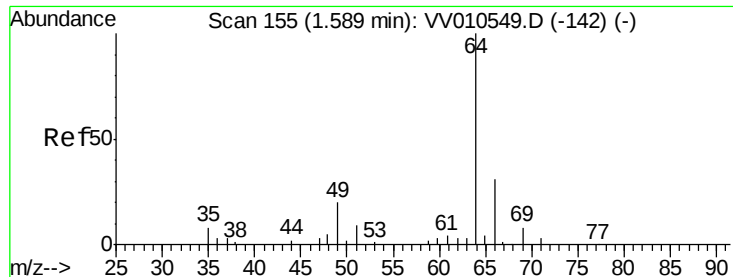
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV010550.D
Acq On : 29 Apr 2019 16:40
Operator : SY/MD
Sample : VV0430WBL01
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK42

Quant Time: Apr 30 06:49:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.124 ug/L

RT: 1.59 min Scan# 156

Delta R.T. 0.00 min

Lab File: VV010550.D

Acq: 29 Apr 2019 16:40

Instrument :

MSVOA_V

ClientSampled :

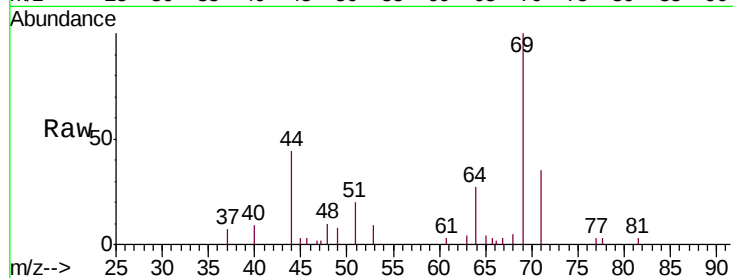
VBLK42

Tgt Ion: 64 Resp: 535

Ion Ratio Lower Upper

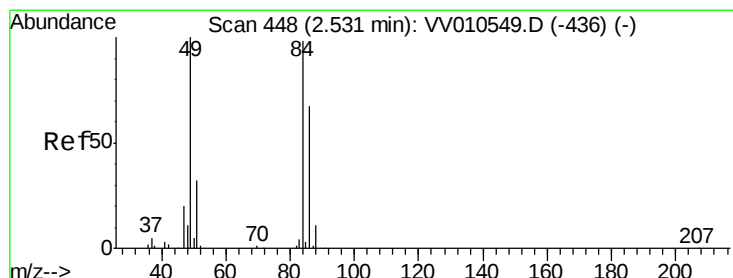
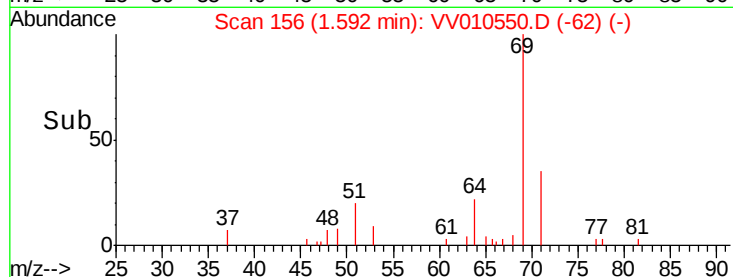
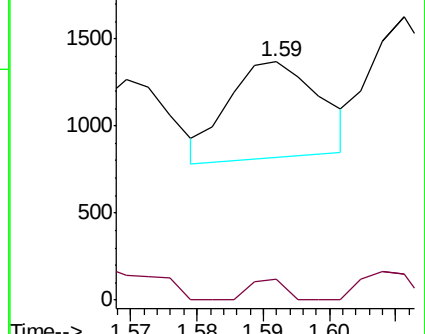
64 100

66 8.6 20.7 38.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#16

Methylene chloride

Concen: 0.121 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.01 min

Lab File: VV010550.D

Acq: 29 Apr 2019 16:40

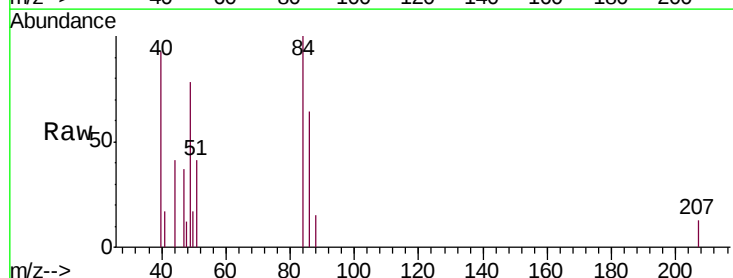
Tgt Ion: 84 Resp: 1707

Ion Ratio Lower Upper

84 100

86 64.4 43.7 81.1

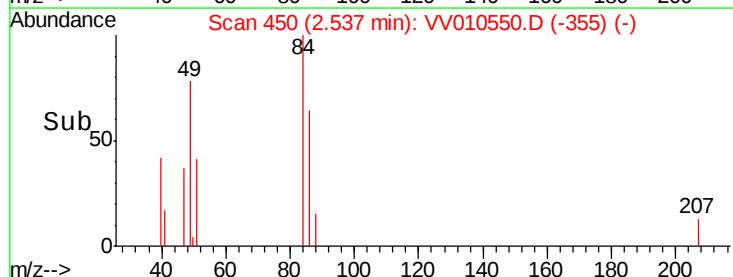
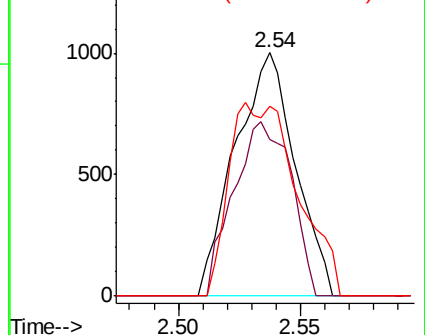
49 94.9 71.4 132.6

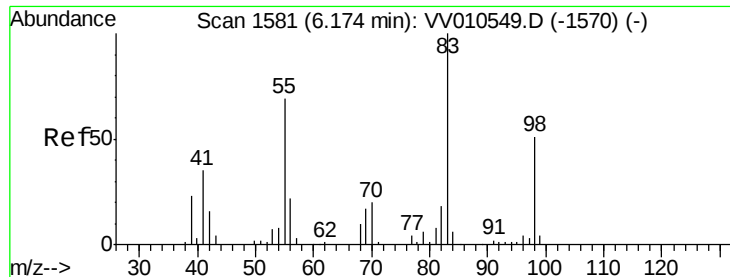


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

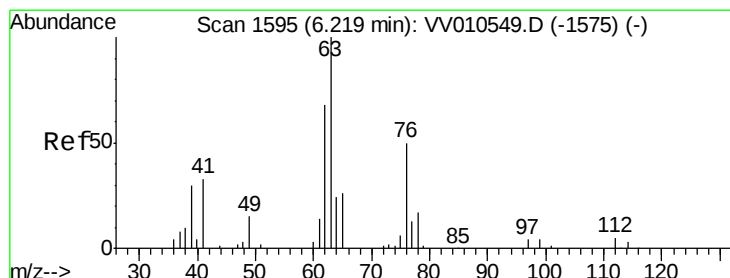
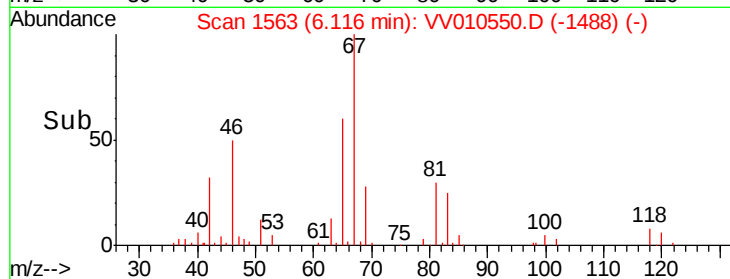
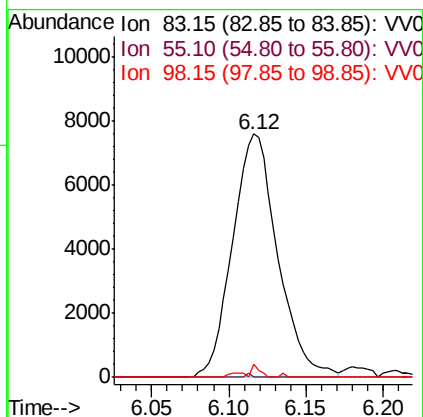
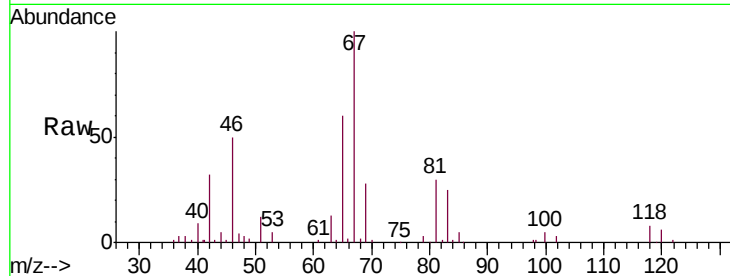




#35
Methylcyclohexane
Concen: 0.836 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV010550.D
Acq: 29 Apr 2019 16:40

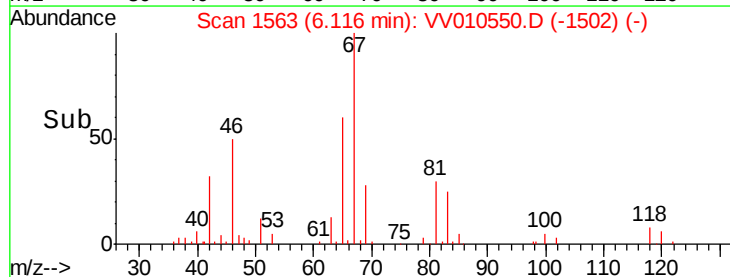
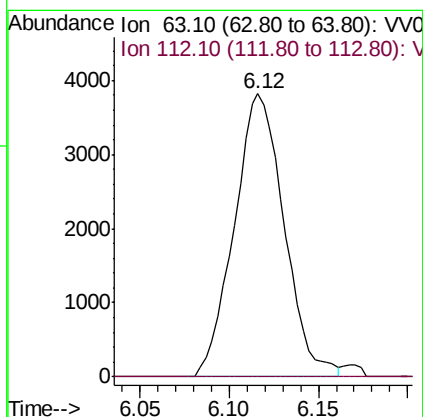
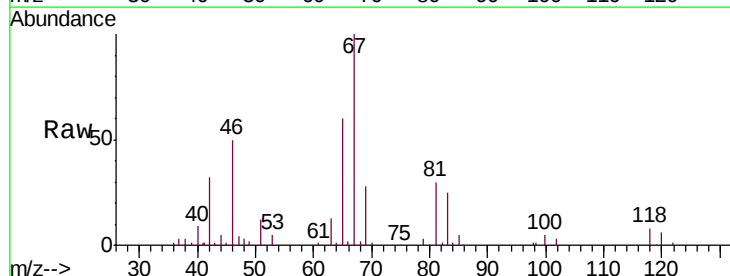
Instrument :
MSVOA_V
ClientSampleId :
VBLK42

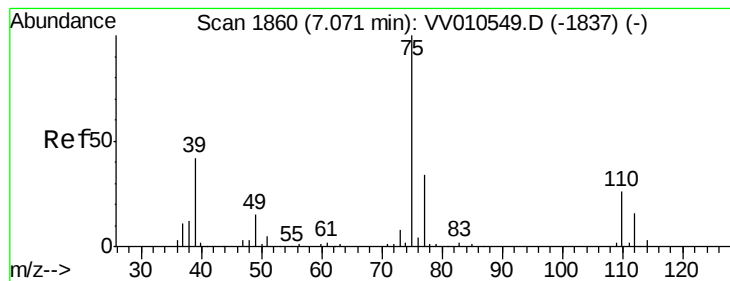
Tgt Ion: 83 Resp: 15373
Ion Ratio Lower Upper
83 100
55 0.1 58.0 87.0#
98 0.9 40.4 60.6#



#37
1,2-Dichloropropane
Concen: 0.662 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV010550.D
Acq: 29 Apr 2019 16:40

Tgt Ion: 63 Resp: 7433
Ion Ratio Lower Upper
63 100
112 0.6 3.7 5.5#



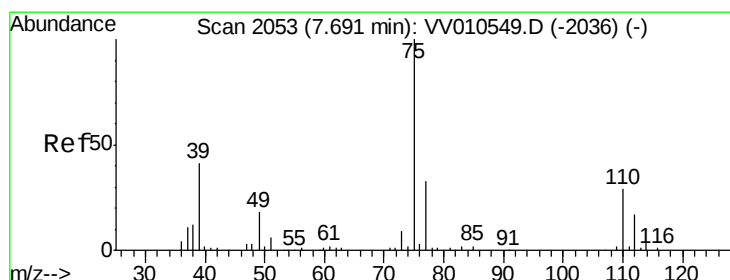
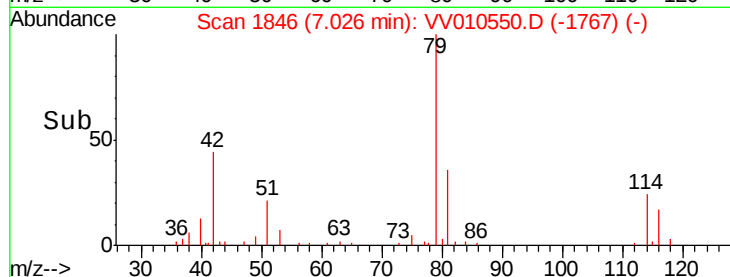
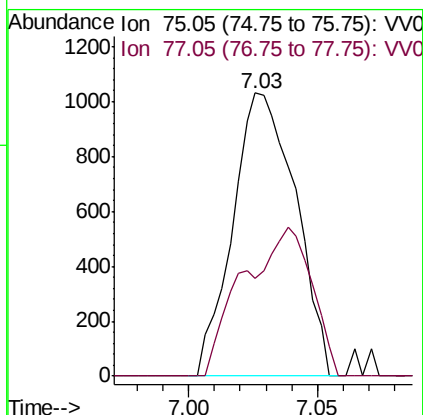
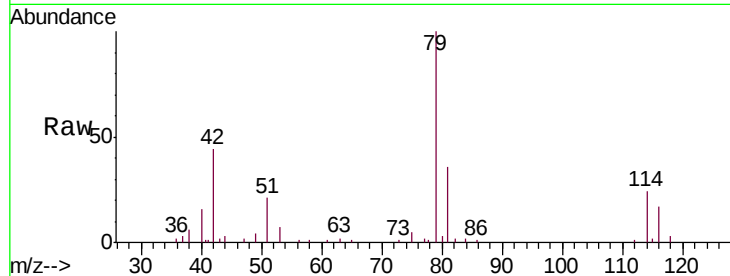


#39

cis-1,3-Dichloropropene
Concen: 0.108 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.05 min
Lab File: VV010550.D
Acq: 29 Apr 2019 16:40

Instrument :
MSVOA_V
ClientSampleId :
VBLK42

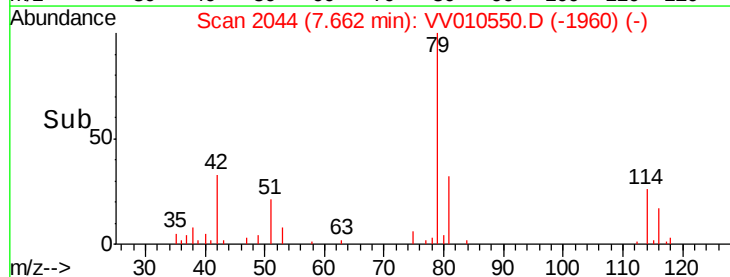
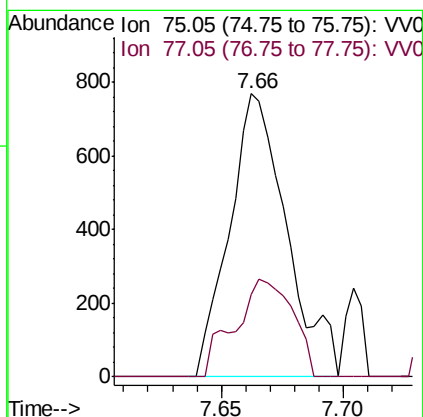
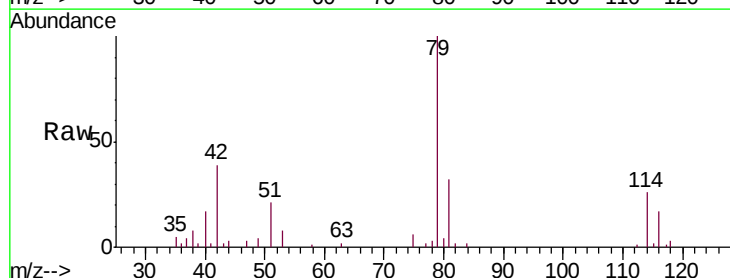
Tgt Ion: 75 Resp: 1750
Ion Ratio Lower Upper
75 100
77 34.7 21.6 40.0

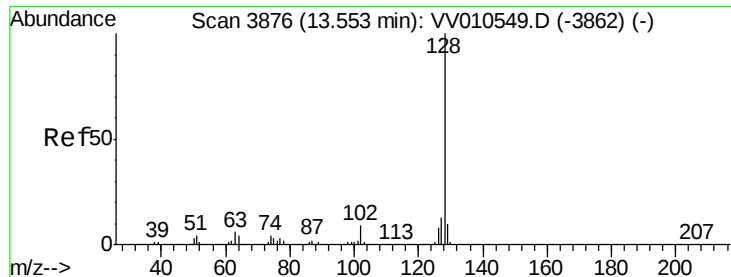


#44

trans-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV010550.D
Acq: 29 Apr 2019 16:40

Tgt Ion: 75 Resp: 1250
Ion Ratio Lower Upper
75 100
77 29.0 23.0 42.6





#69

Naphthalene

Concen: 0.063 ug/L

RT: 13.56 min Scan# 3879

Delta R.T. 0.01 min

Lab File: VV010550.D

Acq: 29 Apr 2019 16:40

Instrument :

MSVOA_V

ClientSampleId :

VBLK42

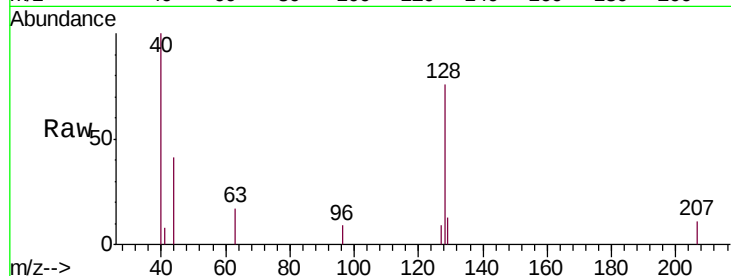
Tgt Ion:128 Resp: 1530

Ion Ratio Lower Upper

128 100

129 10.1 8.4 12.6

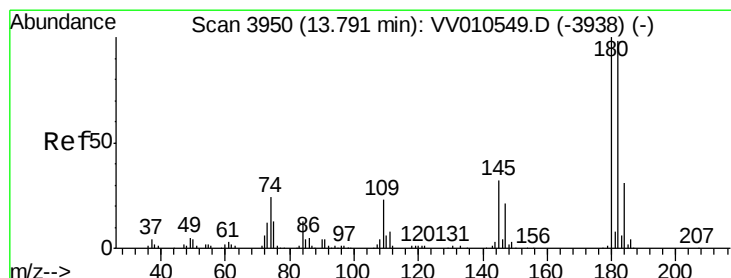
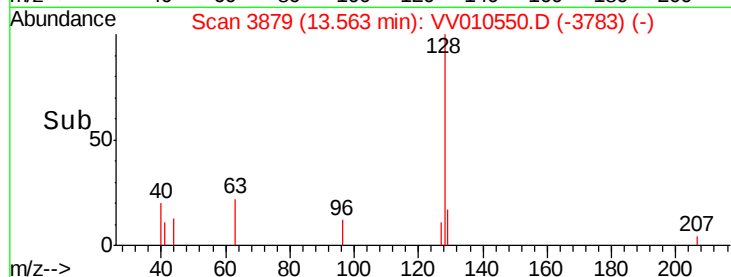
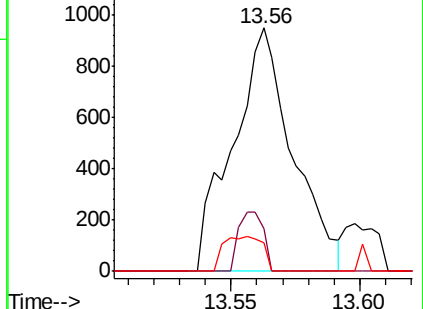
127 9.2 10.0 15.0#



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



#70

1,2,3-Trichlorobenzene

Concen: 0.053 ug/L

RT: 13.80 min Scan# 3954

Delta R.T. 0.01 min

Lab File: VV010550.D

Acq: 29 Apr 2019 16:40

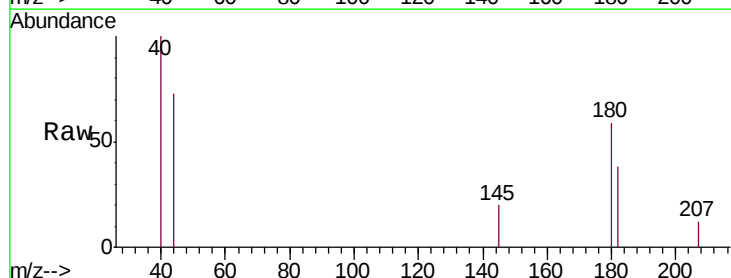
Tgt Ion:180 Resp: 861

Ion Ratio Lower Upper

180 100

182 81.5 76.0 114.0

145 29.7 24.8 37.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

