

Data File : VV011745.D
Acq On : 25 Jun 2019 13:02
Operator : SY/MD
Sample : VV0625WBL01
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK43

Quant Time: Jun 26 01:44:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jun 26 01:40:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	176639	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	161434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	66761	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57171	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.57	69	44305	5.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.60%
11) 1,1-Dichloroethene-d2	2.12	63	84288	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.94	46	136548	44.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.42%
24) Chloroform-d	4.40	84	101543	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	59420	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.09	84	221785	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.11	67	67867	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	189091	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	20109	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	8.13	63	102513	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43716	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	61421	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

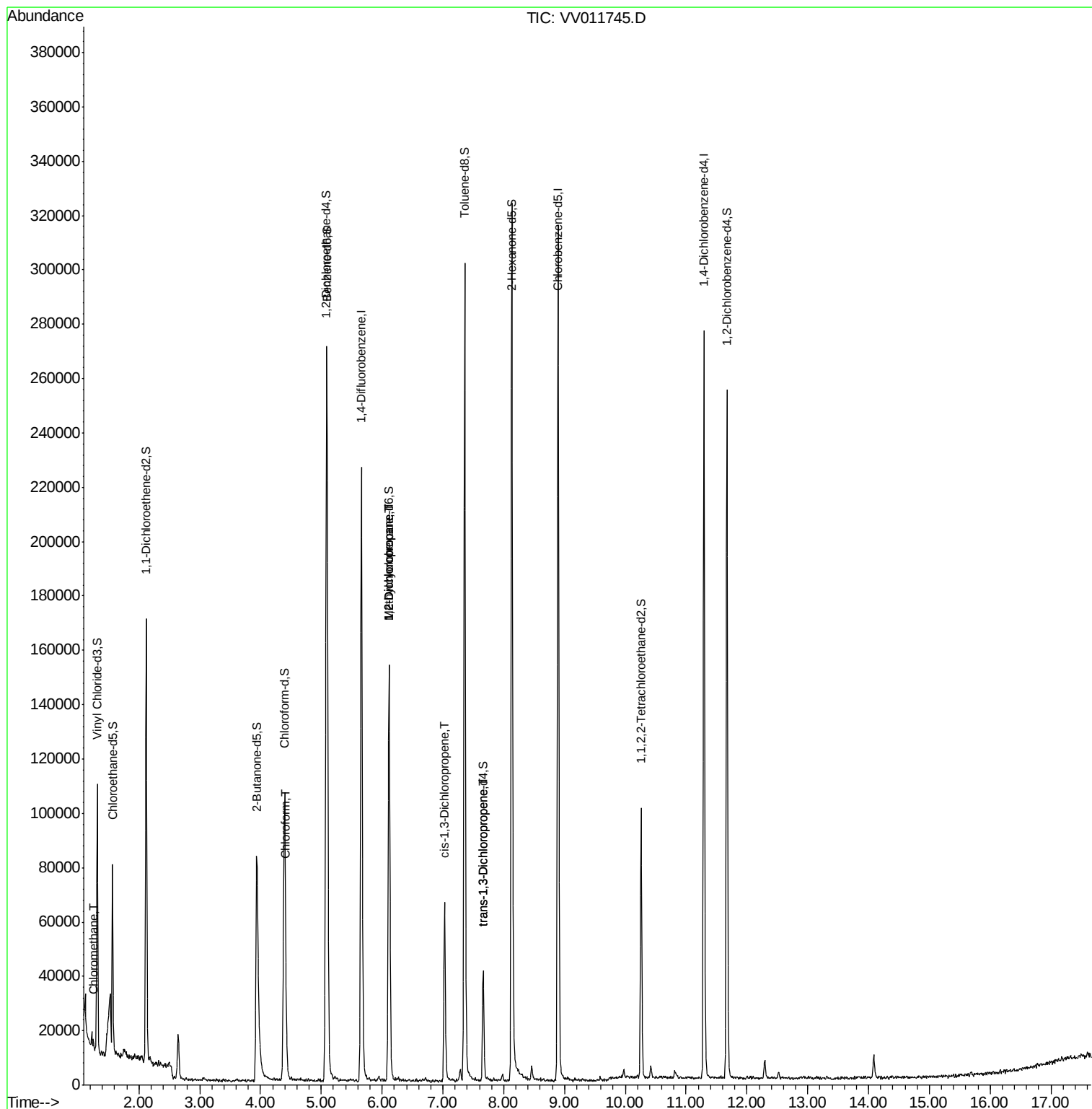
						Qvalue
3) Chloromethane	1.25	50	1786	0.107	ug/L	99
25) Chloroform	4.42	83	6555	0.234	ug/L	94
35) Methylcyclohexane	6.12	83	16951	0.740	ug/L #	15
37) 1,2-Dichloropropane	6.11	63	8296	0.611	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1885	0.106	ug/L #	68
44) trans-1,3-Dichloropropene	7.66	75	1113	0.084	ug/L #	75

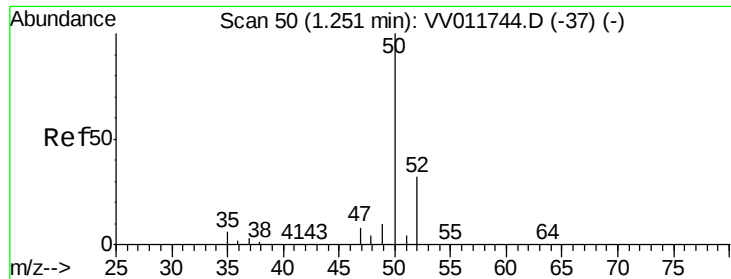
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.107 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

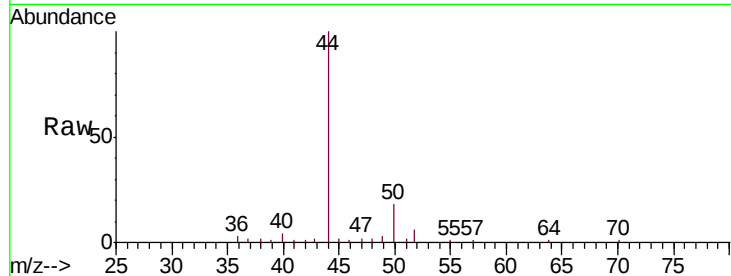
VBLK43

Tgt Ion: 50 Resp: 1786

Ion Ratio Lower Upper

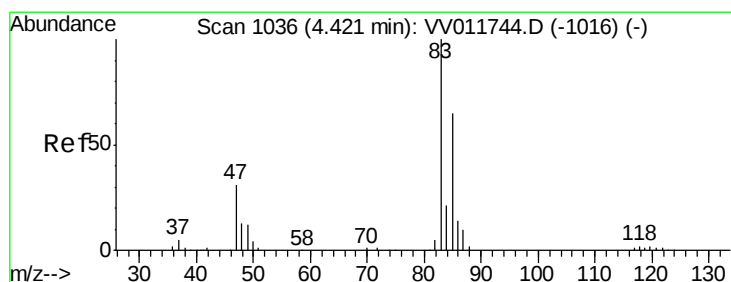
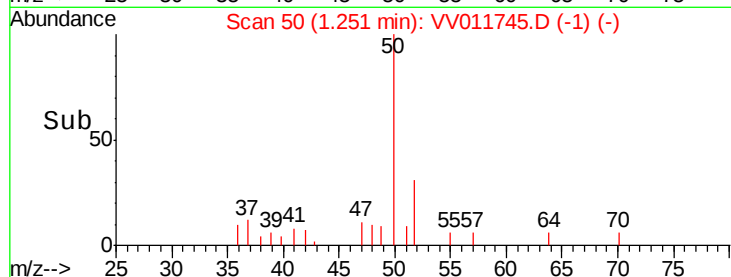
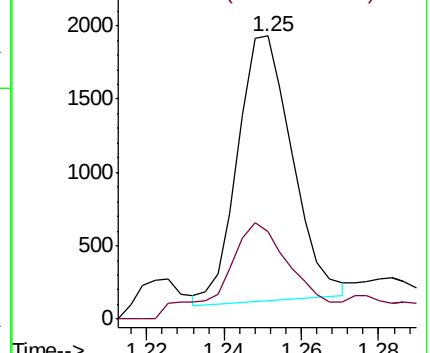
50 100

52 31.1 22.0 40.8



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#25

Chloroform

Concen: 0.234 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

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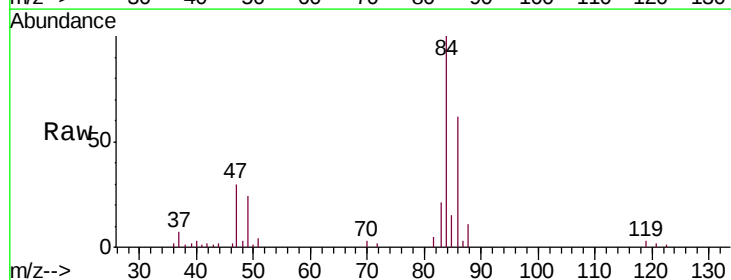
Acq: 25 Jun 2019 13:02

Tgt Ion: 83 Resp: 6555

Ion Ratio Lower Upper

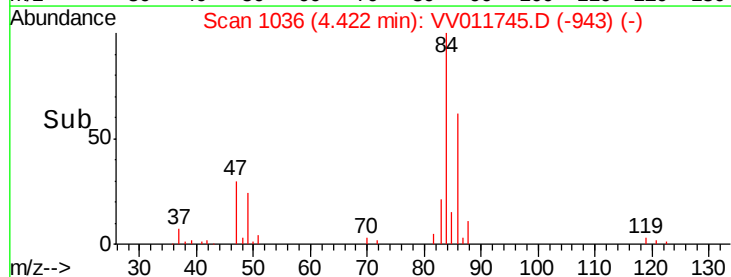
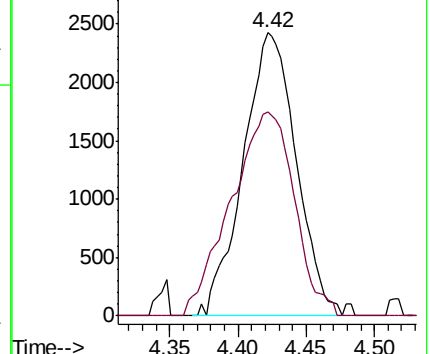
83 100

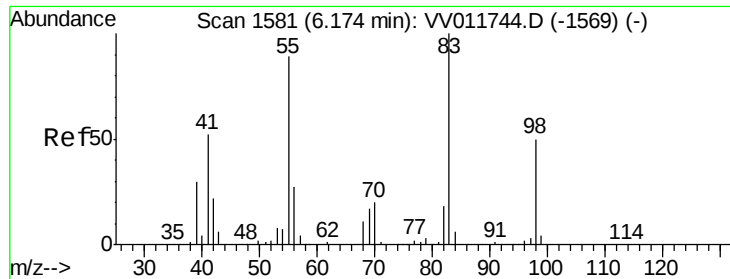
85 72.1 47.0 87.2



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

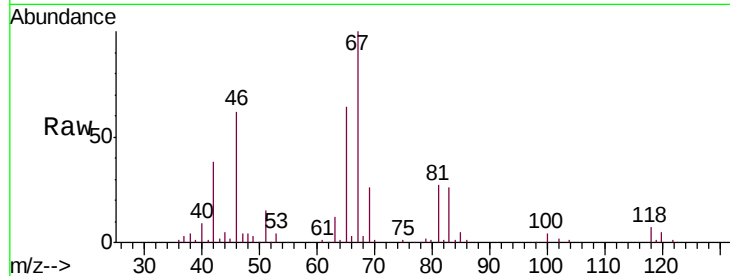




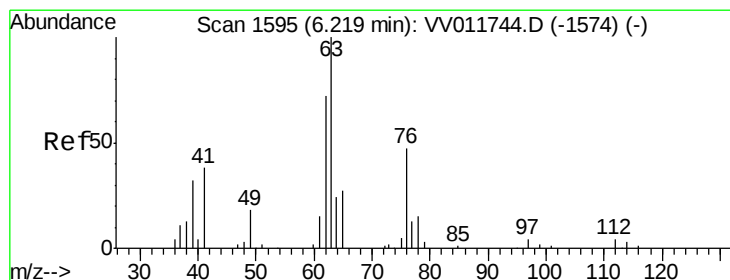
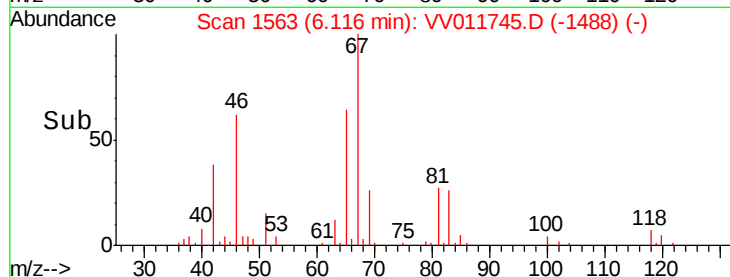
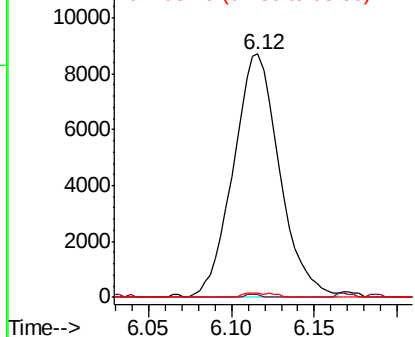
#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
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VBLK43

Tgt Ion: 83 Resp: 16951
Ion Ratio Lower Upper
83 100
55 0.4 69.4 104.2#
98 1.2 40.2 60.4#

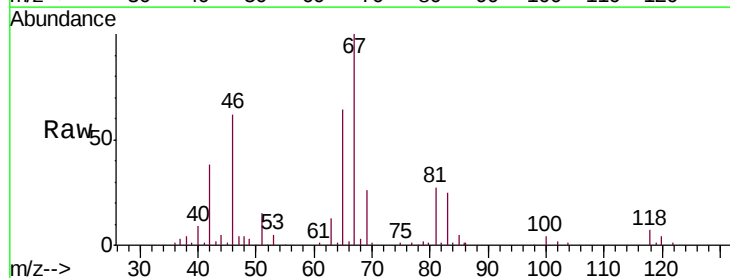


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

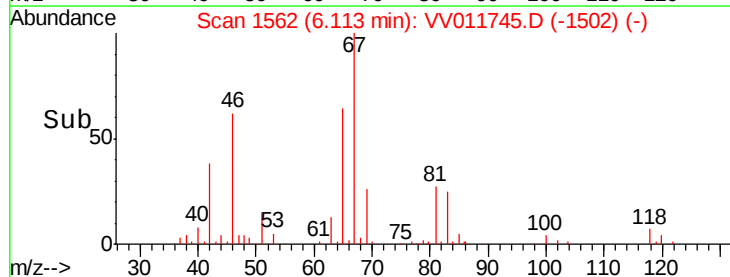
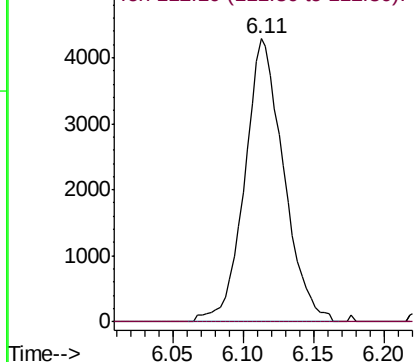


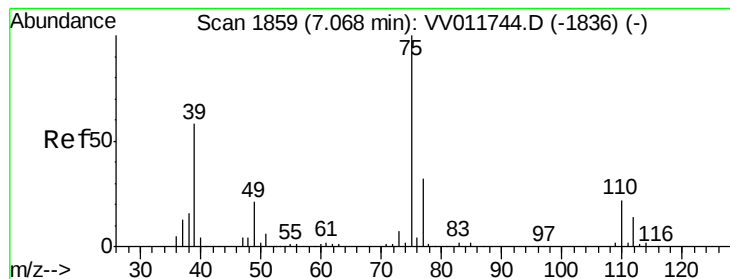
#37
1,2-Dichloropropane
Concen: 0.611 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.11 min
Lab File: VV011745.D
Acq: 25 Jun 2019 13:02

Tgt Ion: 63 Resp: 8296
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#39

cis-1,3-Dichloropropene

Concen: 0.106 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV011745.D

Acq: 25 Jun 2019 13:02

Instrument :

MSVOA_V

ClientSampled :

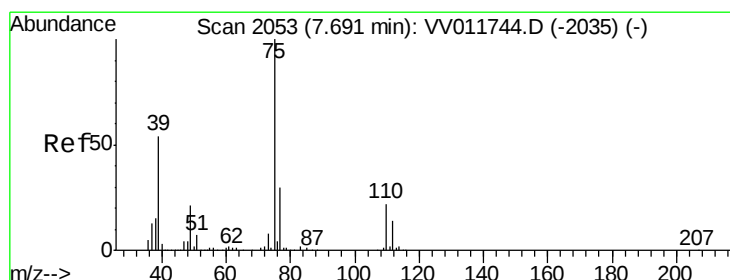
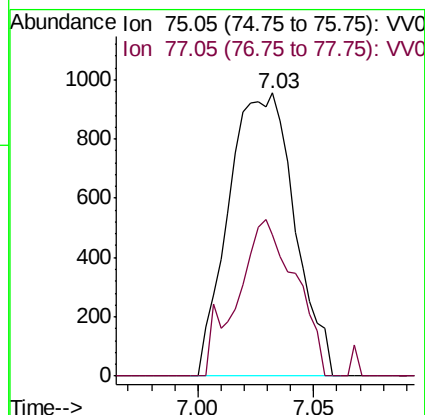
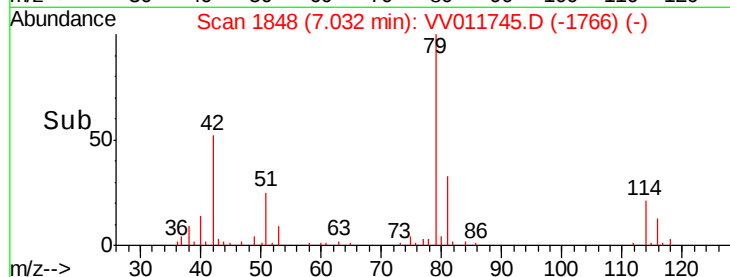
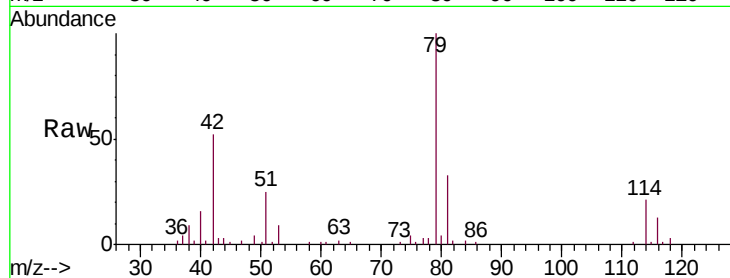
VBLK43

Tgt Ion: 75 Resp: 1885

Ion Ratio Lower Upper

75 100

77 49.9 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV011745.D

Acq: 25 Jun 2019 13:02

Tgt Ion: 75 Resp: 1113

Ion Ratio Lower Upper

75 100

77 46.4 22.7 42.1#

