

Data File : VV013764.D
Acq On : 25 Nov 2019 14:35
Operator : SY/MD
Sample : K5910-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 26 04:41:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 26 04:36:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	351410	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	362163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	167185	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102578	4.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.40%
7) Chloroethane-d5	1.58	69	98868	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.13	63	145452	3.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.40%
20) 2-Butanone-d5	3.95	46	283428	62.68	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.36%
24) Chloroform-d	4.40	84	227635	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	116592	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	444836	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.11	67	136931	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	384331	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.66	79	47974	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	223126	55.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	107896	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	165968	5.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.40%

Target Compounds

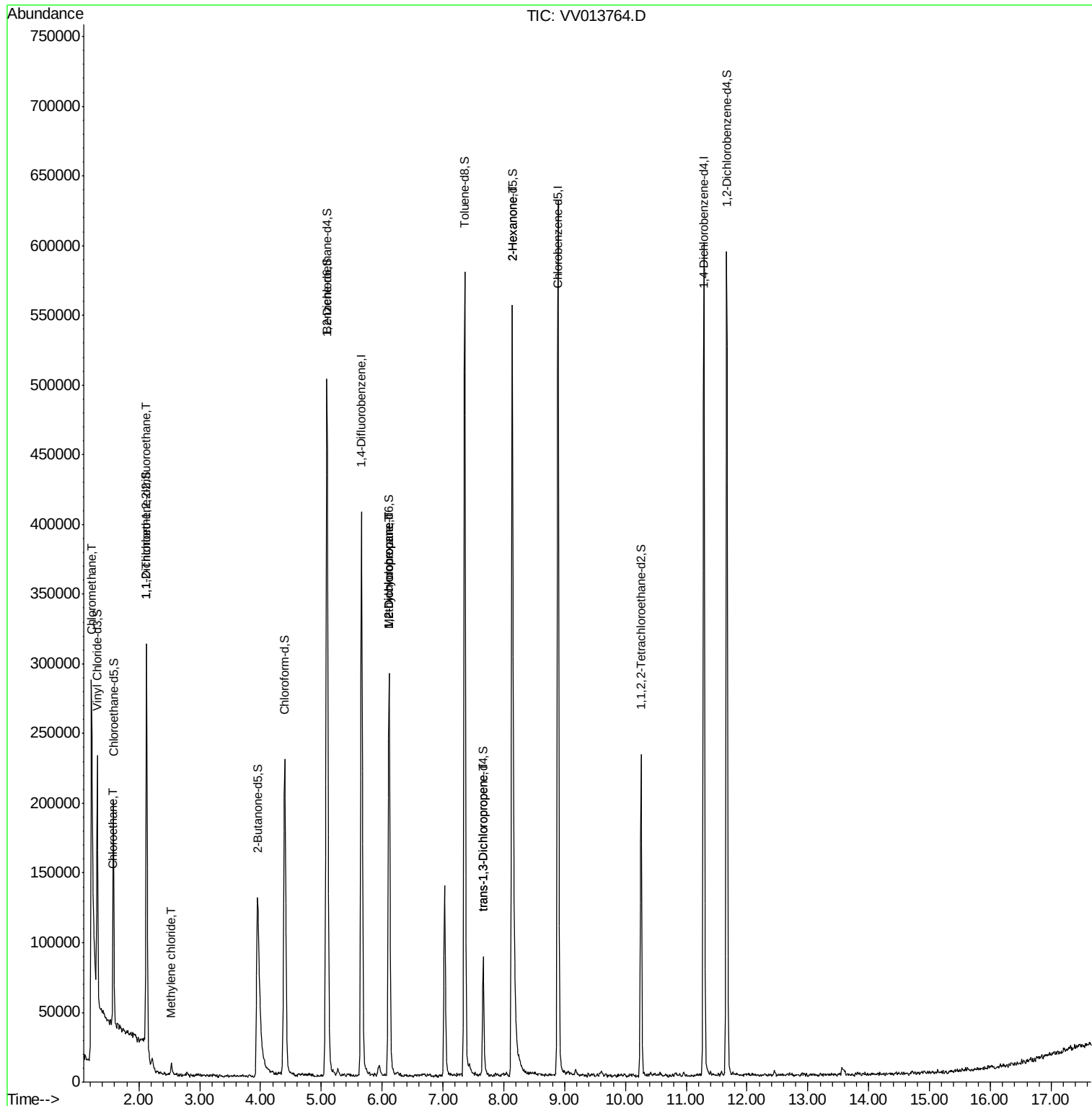
					Qvalue	
3) Chloromethane	1.22	50	11491	0.559	ug/L #	48
8) Chloroethane	1.56	64	1209	0.096	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1398	0.072	ug/L #	22
16) Methylene chloride	2.53	84	3054	0.132	ug/L #	71
35) Methylcyclohexane	6.12	83	34502	1.055	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	15702	0.688	ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	2455	0.097	ug/L	89
48) 2-Hexanone	8.14	43	28464	2.993	ug/L #	75

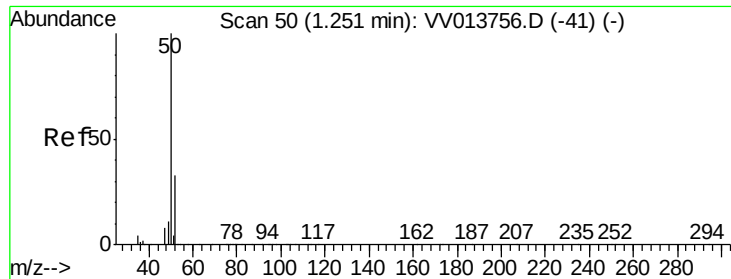
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.559 ug/L

RT: 1.22 min Scan# 40

Delta R.T. -0.03 min

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Acq: 25 Nov 2019 14:35

Instrument :

MSVOA_V

ClientSampleId :

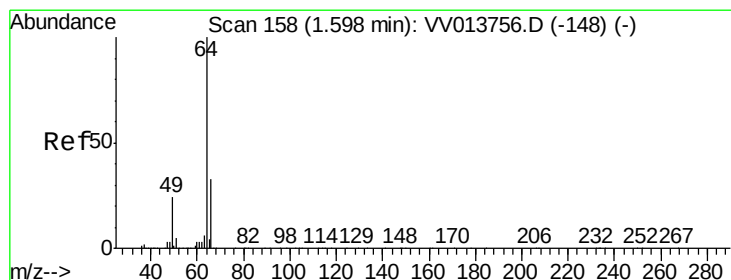
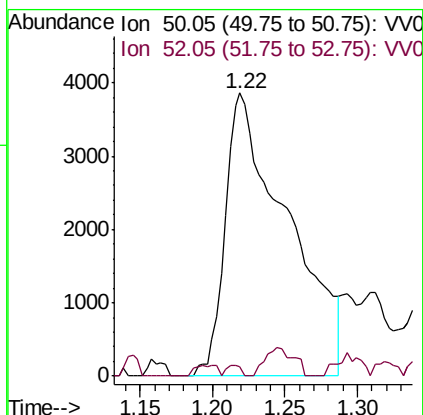
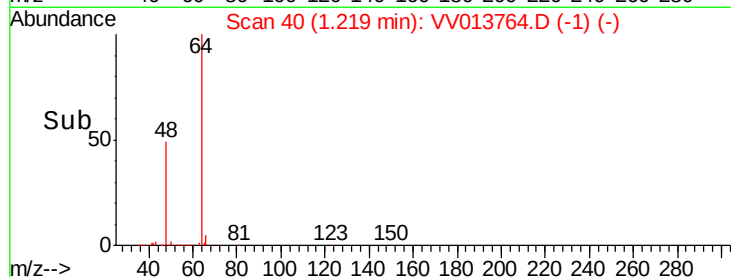
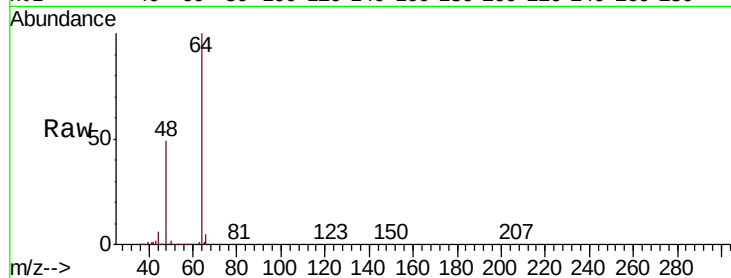
VHBLK01

Tgt Ion: 50 Resp: 11491

Ion Ratio Lower Upper

50 100

52 3.2 22.5 41.7#



#8

Chloroethane

Concen: 0.096 ug/L

RT: 1.56 min Scan# 147

Delta R.T. -0.04 min

Lab File: VV013764.D

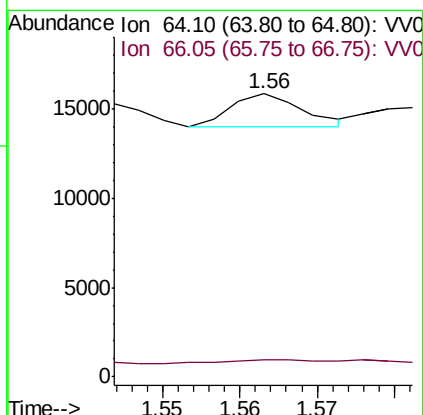
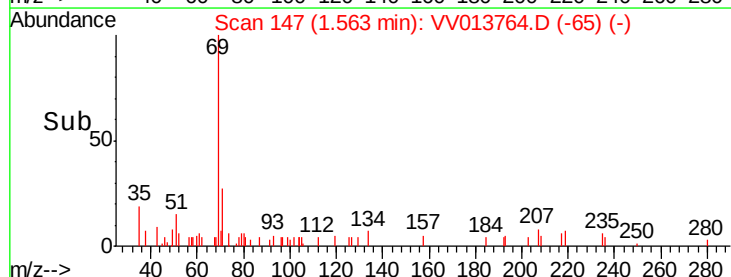
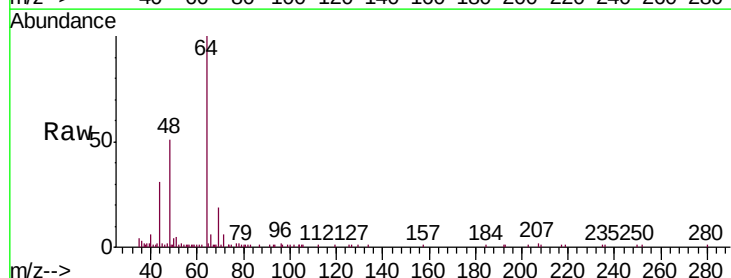
Acq: 25 Nov 2019 14:35

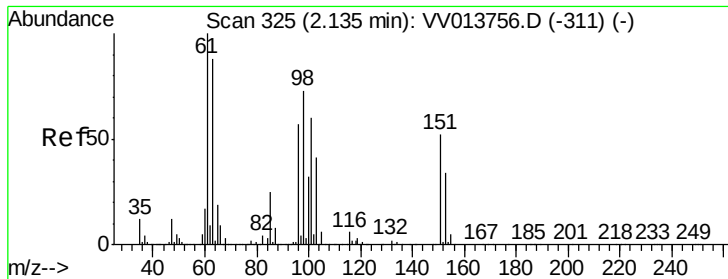
Tgt Ion: 64 Resp: 1209

Ion Ratio Lower Upper

64 100

66 6.0 22.6 42.0#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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VHBLK01

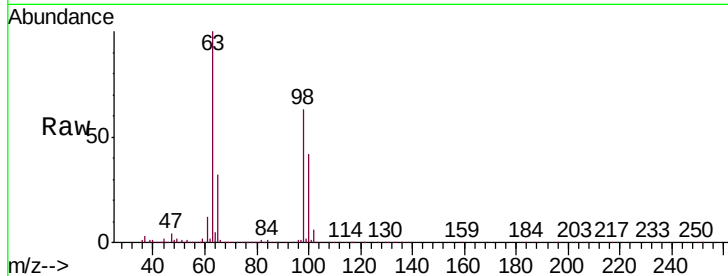
Tgt Ion:101 Resp: 1398

Ion Ratio Lower Upper

101 100

85 5.9 33.4 50.0#

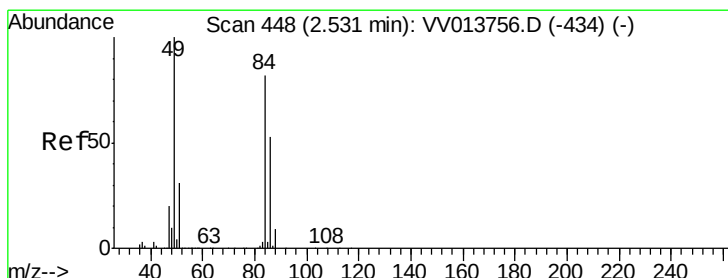
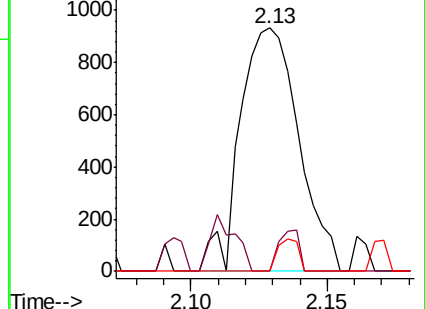
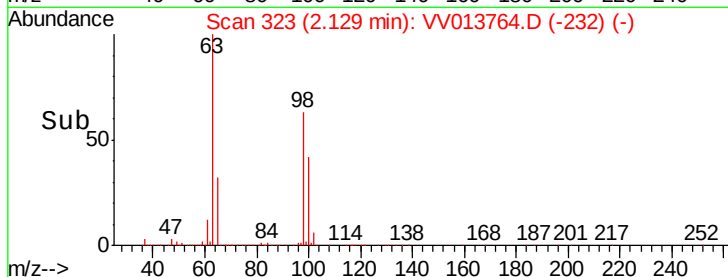
151 4.7 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#16

Methylene chloride

Concen: 0.132 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV013764.D

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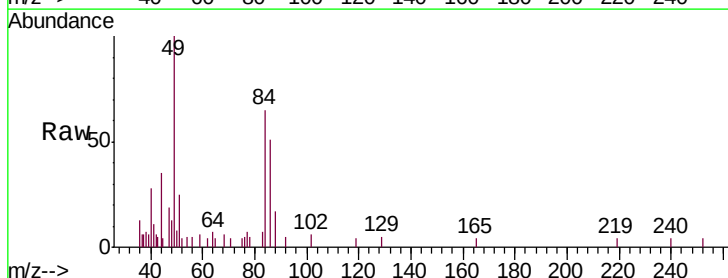
Tgt Ion: 84 Resp: 3054

Ion Ratio Lower Upper

84 100

86 78.7 44.0 81.6

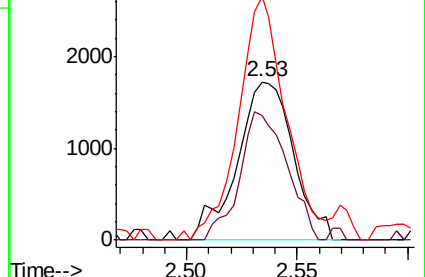
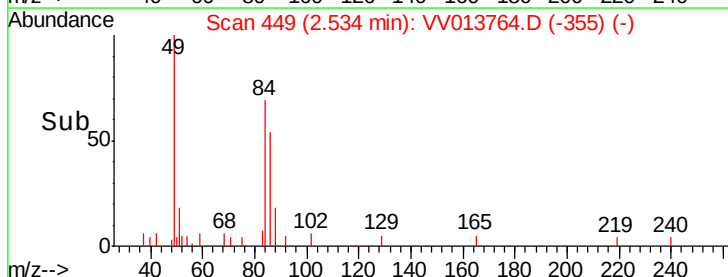
49 153.8 81.5 151.5#

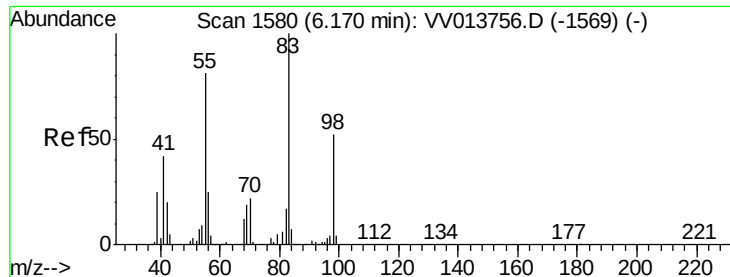


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

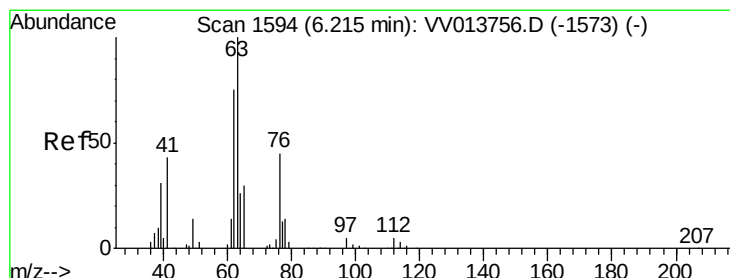
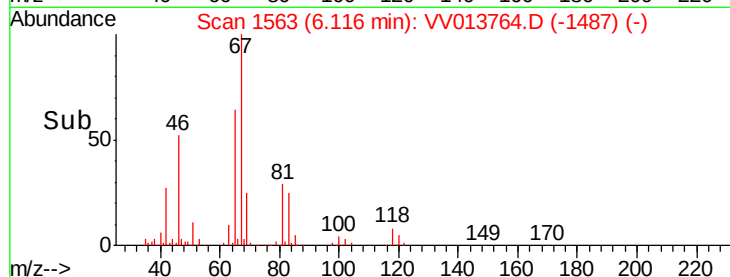
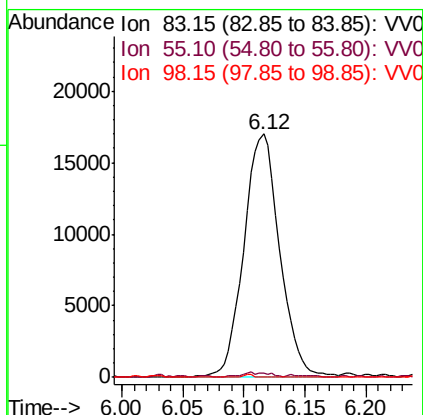
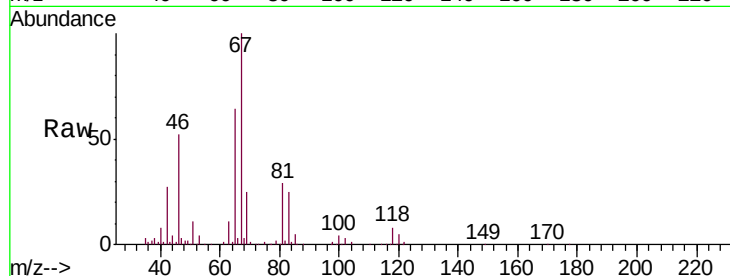




#35
Methylcyclohexane
Concen: 1.055 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013764.D
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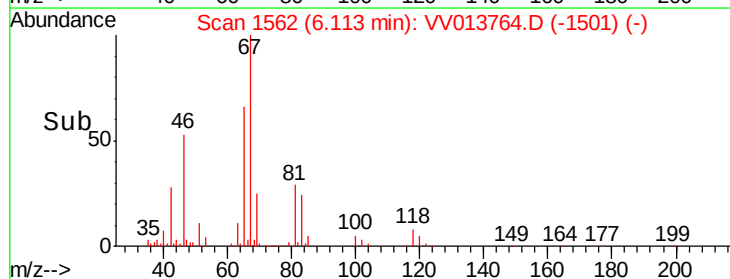
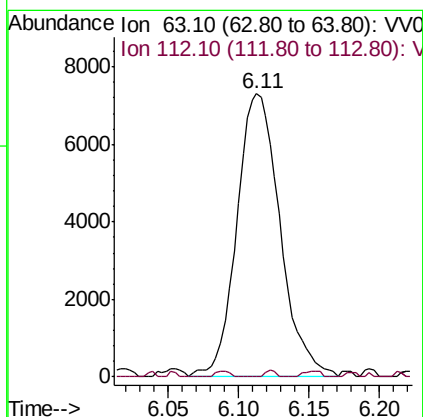
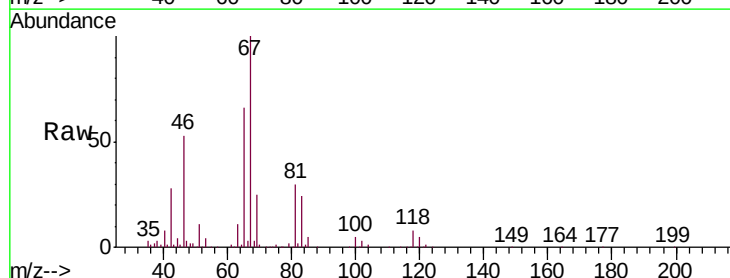
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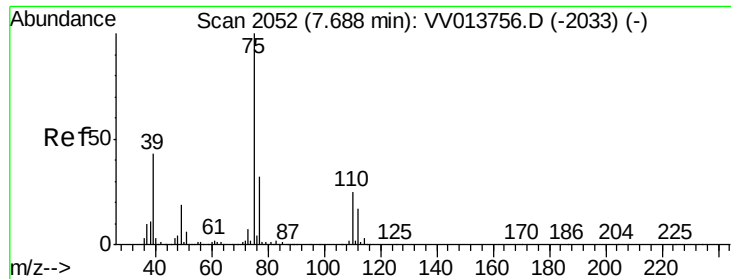
Tgt Ion: 83 Resp: 34502
Ion Ratio Lower Upper
83 100
55 1.0 60.3 90.5#
98 0.3 38.1 57.1#



#37
1,2-Dichloropropane
Concen: 0.688 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013764.D
Acq: 25 Nov 2019 14:35

Tgt Ion: 63 Resp: 15702
Ion Ratio Lower Upper
63 100
112 0.6 4.4 6.6#

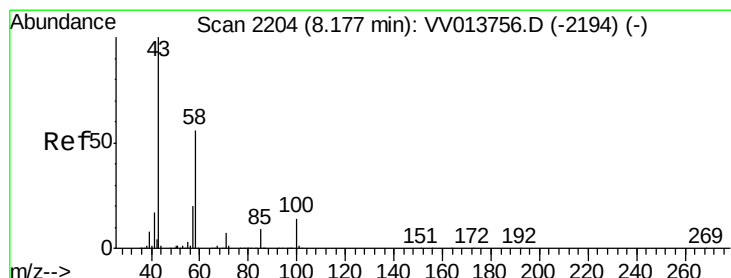
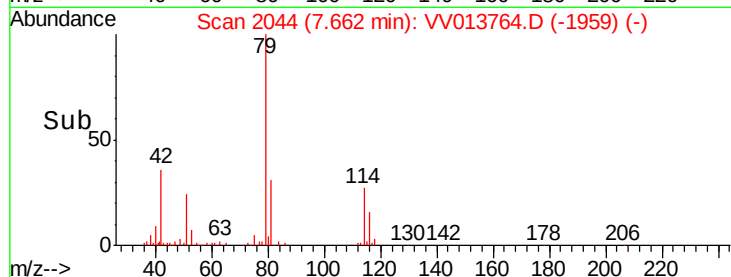
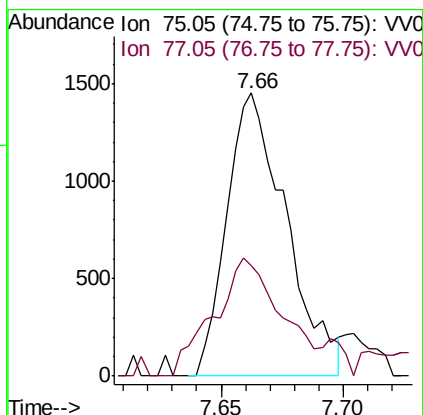
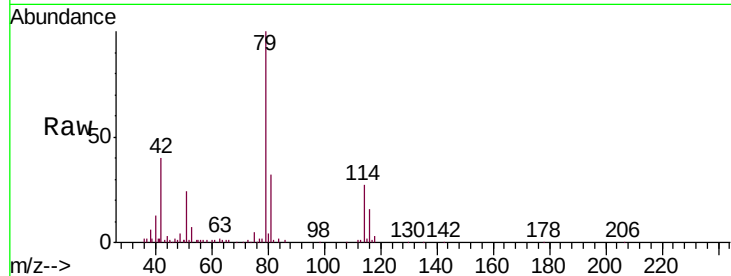




#44
trans-1,3-Dichloropropene
Concen: 0.097 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV013764.D
Acq: 25 Nov 2019 14:35

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 2455
Ion Ratio Lower Upper
75 100
77 39.1 23.0 42.8



#48
2-Hexanone
Concen: 2.993 ug/L
RT: 8.14 min Scan# 2192
Delta R.T. -0.04 min
Lab File: VV013764.D
Acq: 25 Nov 2019 14:35

Tgt Ion: 43 Resp: 28464
Ion Ratio Lower Upper
43 100
58 44.3 43.2 64.8
57 45.4 15.4 23.2#
100 3.3 10.4 15.6#

