

Data File : VV013767.D
Acq On : 25 Nov 2019 15:47
Operator : SY/MD
Sample : K5941-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Quant Time: Nov 26 04:41:41 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	354581	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	348920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	166381	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96917	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	91879	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	135945	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.95	46	268109	58.77	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.54%
24) Chloroform-d	4.40	84	213162	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.08	65	110817	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	417387	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.11	67	129848	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	352259	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	46093	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.14	63	210969	54.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98289	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	157042	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

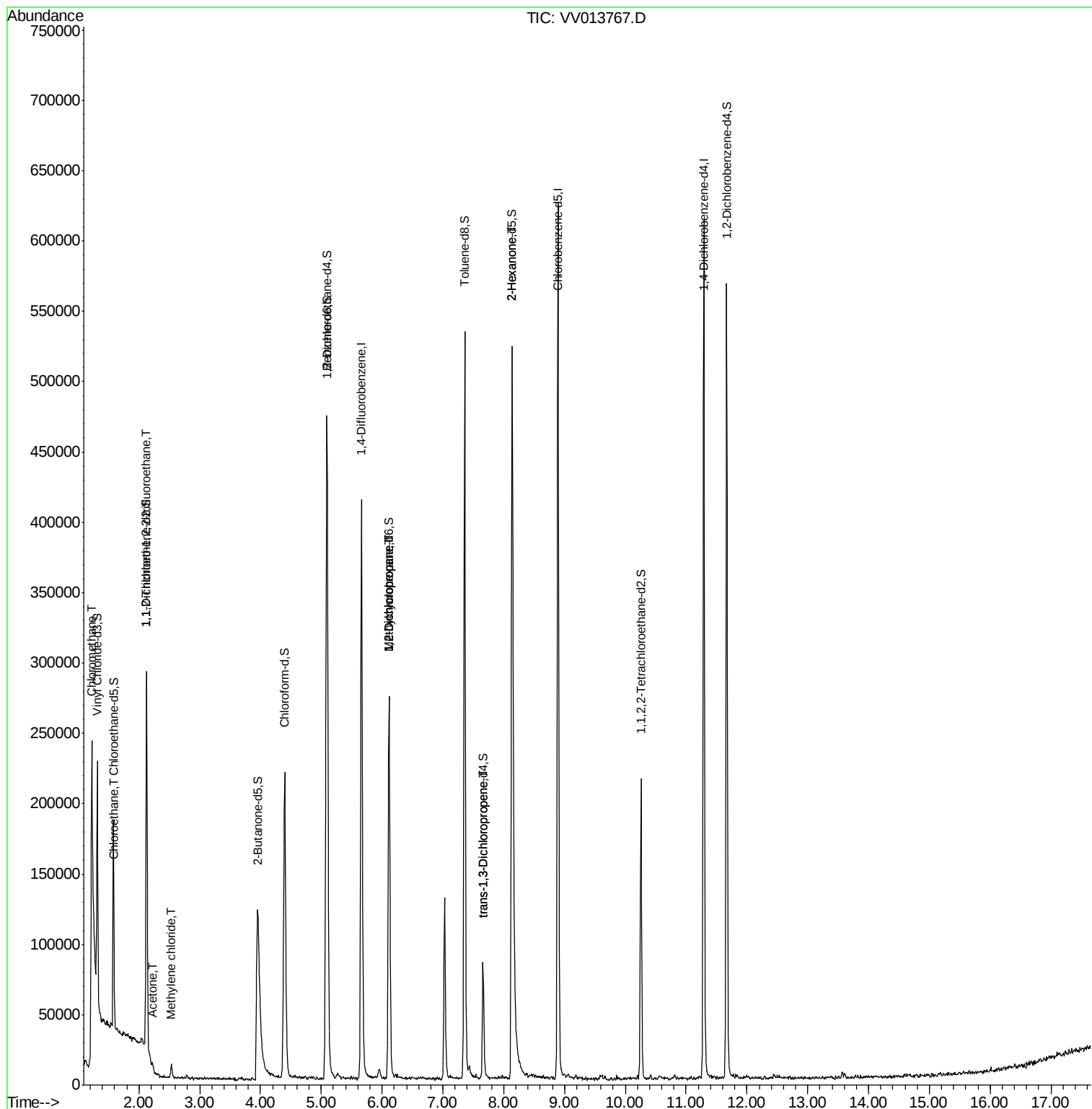
					Qvalue	
3) Chloromethane	1.23	50	9038	0.436	ug/L #	51
8) Chloroethane	1.60	64	3205	0.251	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1774	0.091	ug/L #	16
13) Acetone	2.22	43	9828	3.080	ug/L	96
16) Methylene chloride	2.53	84	4032	0.173	ug/L	95
35) Methylcyclohexane	6.12	83	32780	1.041	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	14264	0.648	ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	2209	0.090	ug/L #	63
48) 2-Hexanone	8.14	43	28161	3.074	ug/L #	76

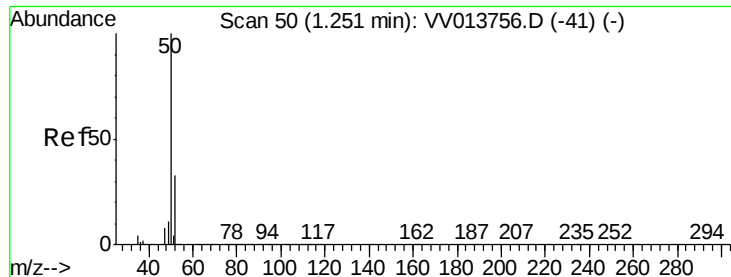
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.436 ug/L

RT: 1.23 min Scan# 44

Delta R.T. -0.02 min

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Acq: 25 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

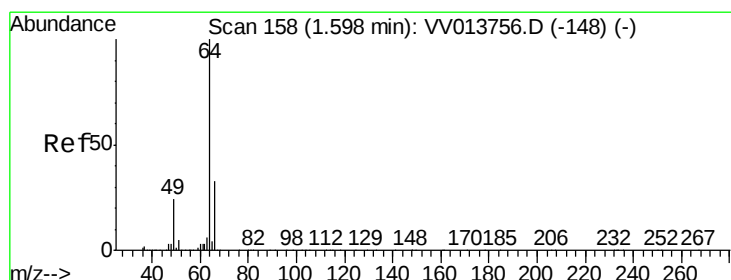
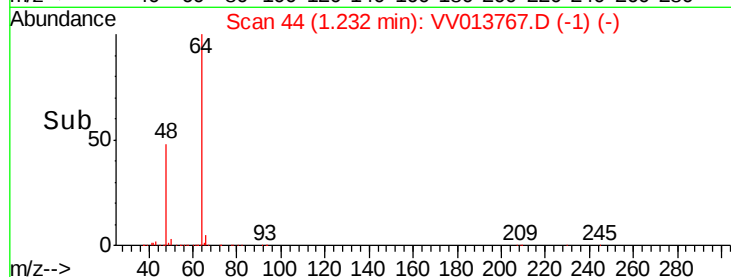
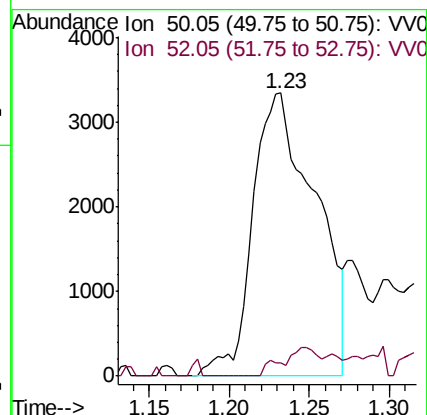
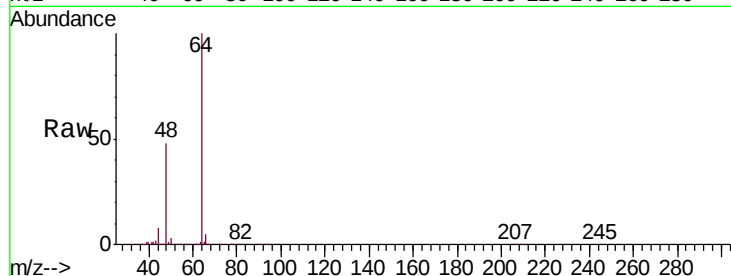
VHBLK01

Tgt Ion: 50 Resp: 9038

Ion Ratio Lower Upper

50 100

52 4.7 22.5 41.7#



#8

Chloroethane

Concen: 0.251 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV013767.D

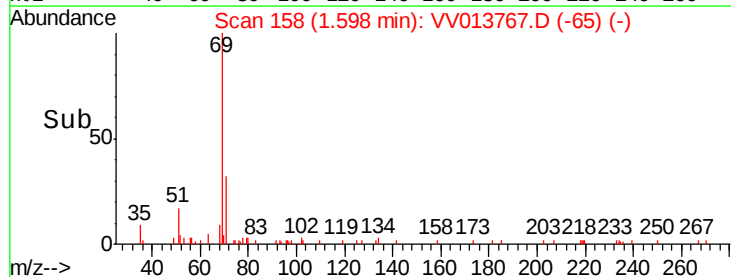
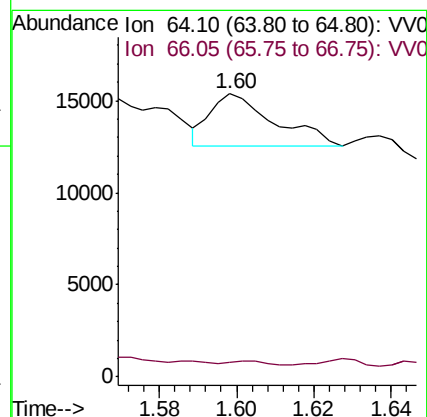
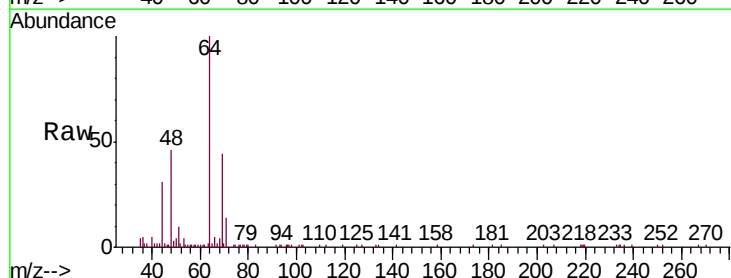
Acq: 25 Nov 2019 15:47

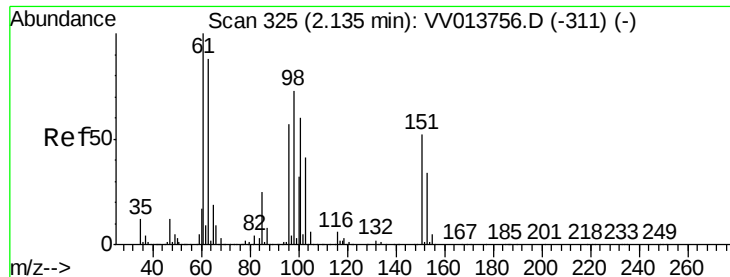
Tgt Ion: 64 Resp: 3205

Ion Ratio Lower Upper

64 100

66 5.0 22.6 42.0#





#10

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

Concen: 0.091 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV013767.D

Acq: 25 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

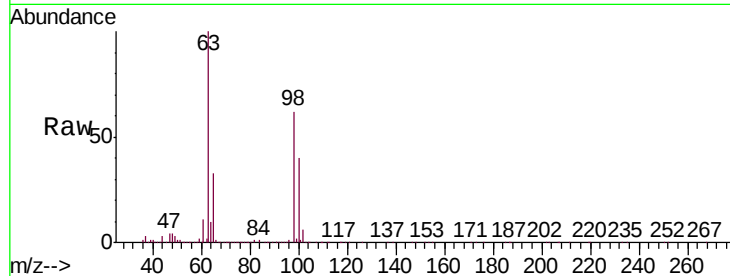
Tgt Ion: 101 Resp: 1774

Ion Ratio Lower Upper

101 100

85 1.1 33.4 50.0#

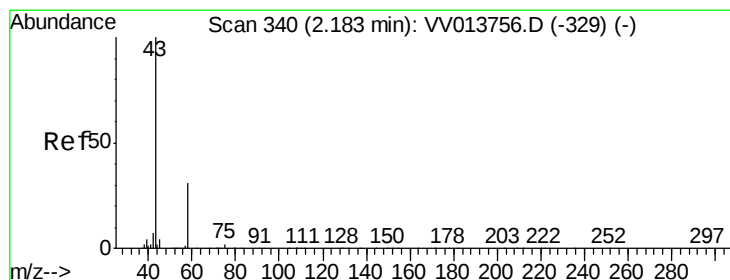
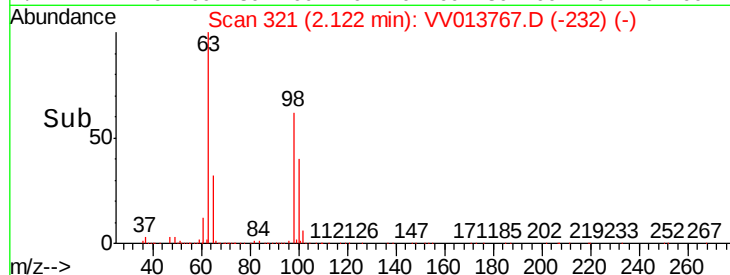
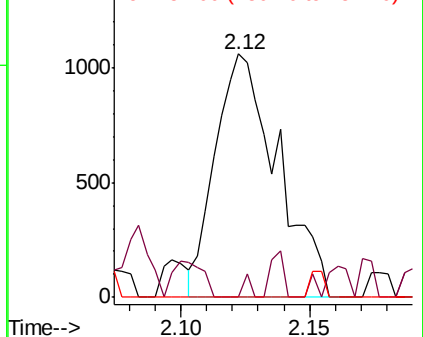
151 0.0 69.4 104.0#



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



#13

Acetone

Concen: 3.080 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.03 min

Lab File: VV013767.D

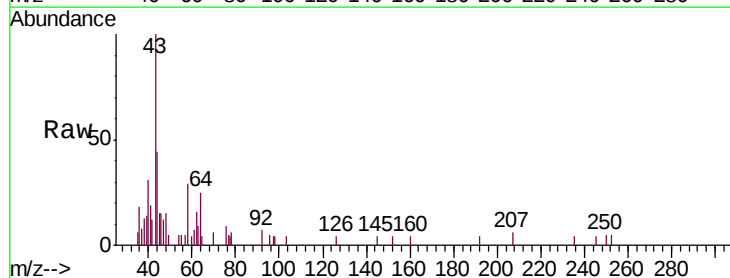
Acq: 25 Nov 2019 15:47

Tgt Ion: 43 Resp: 9828

Ion Ratio Lower Upper

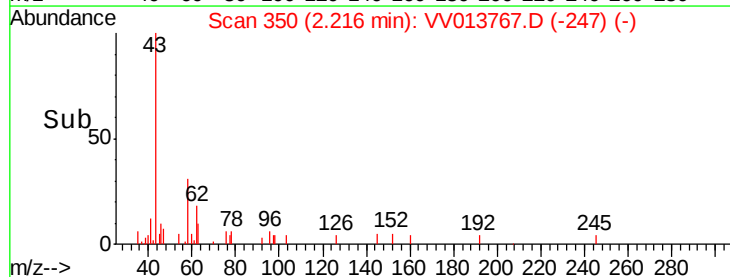
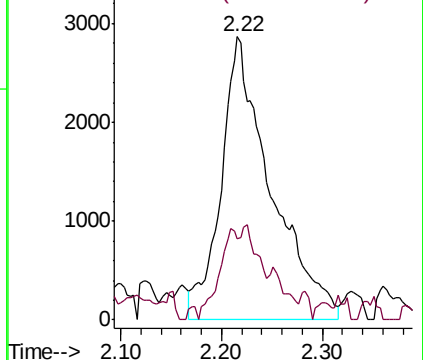
43 100

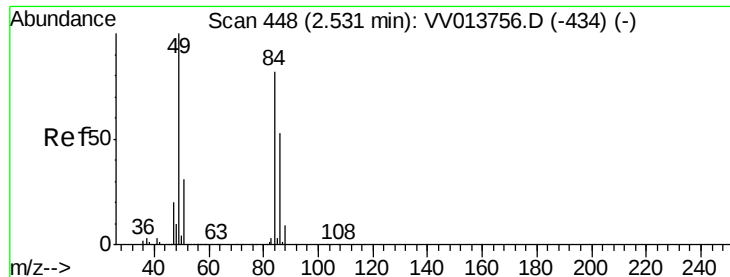
58 12.1 0.0 27.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

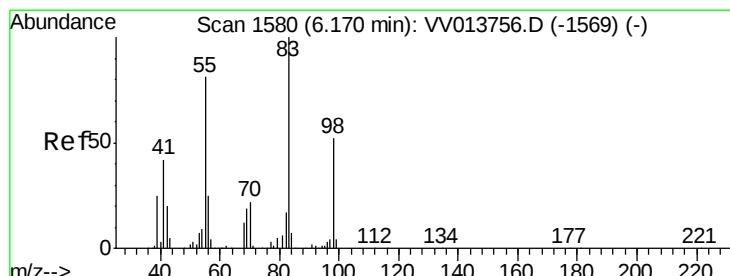
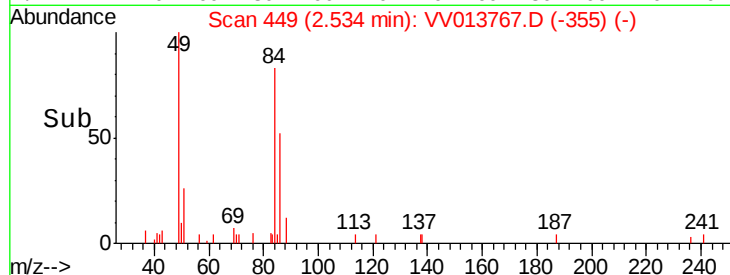
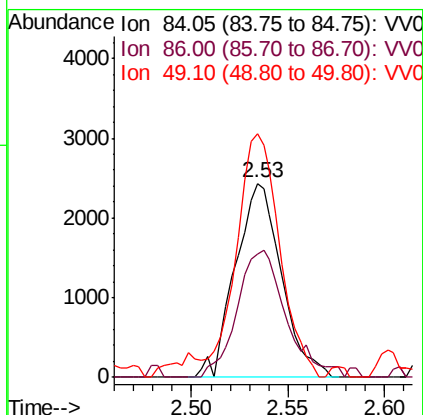
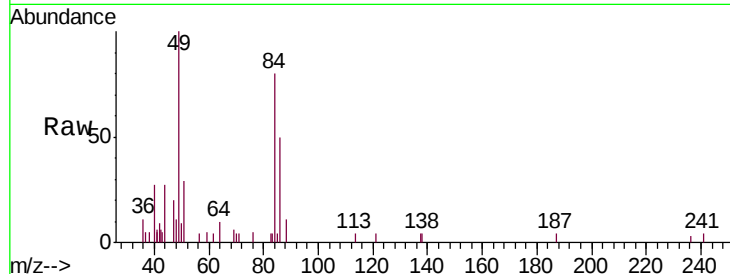




#16
Methylene chloride
Concen: 0.173 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013767.D
Acq: 25 Nov 2019 15:47

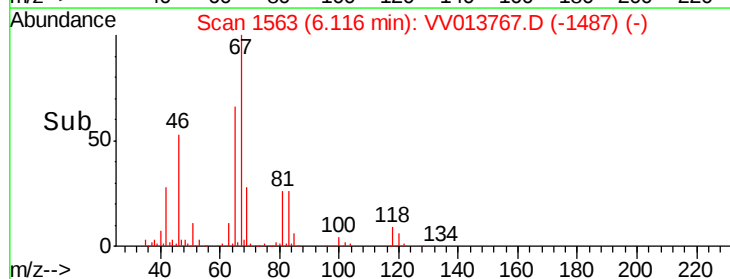
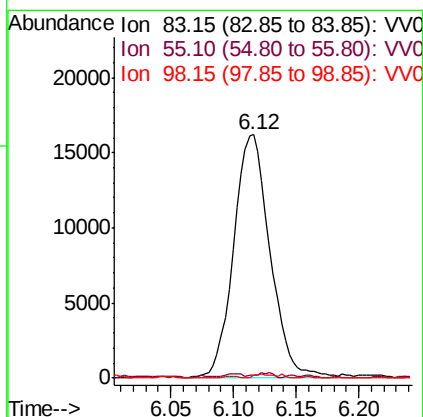
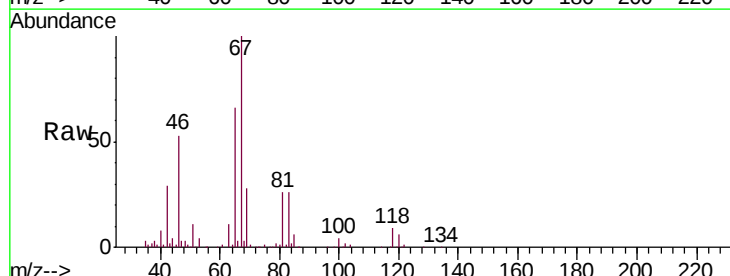
Instrument :
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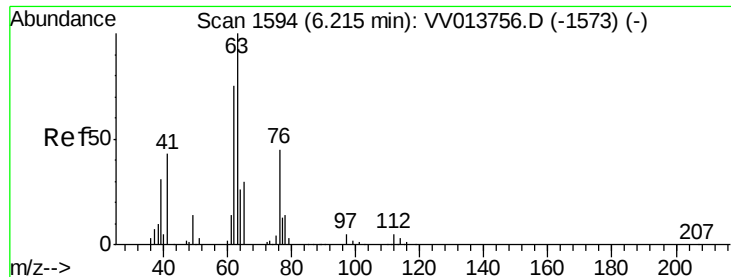
Tgt Ion: 84 Resp: 4032
Ion Ratio Lower Upper
84 100
86 63.2 44.0 81.6
49 125.4 81.5 151.5



#35
Methylcyclohexane
Concen: 1.041 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013767.D
Acq: 25 Nov 2019 15:47

Tgt Ion: 83 Resp: 32780
Ion Ratio Lower Upper
83 100
55 0.9 60.3 90.5#
98 1.1 38.1 57.1#





#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013767.D

Acq: 25 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

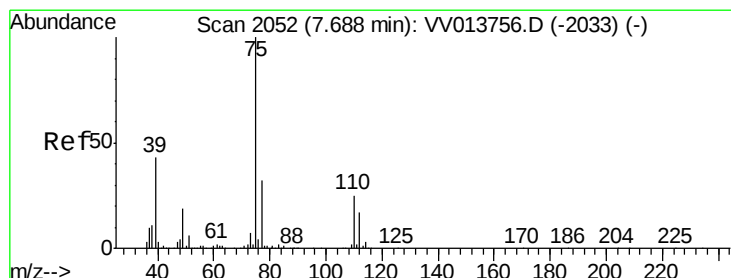
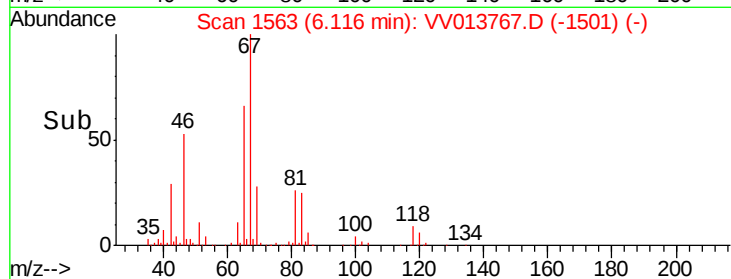
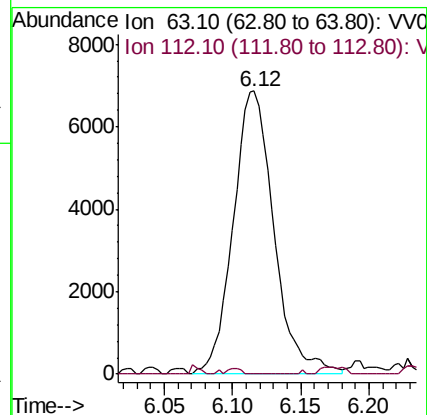
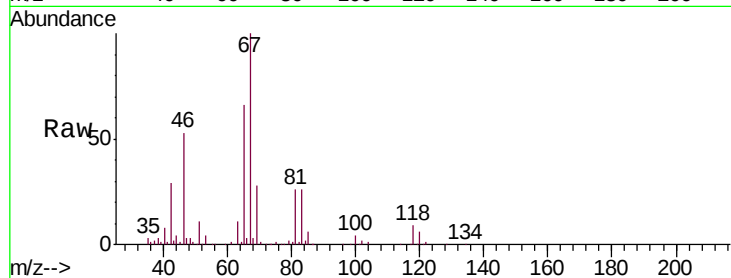
VHBLK01

Tgt Ion: 63 Resp: 14264

Ion Ratio Lower Upper

63 100

112 0.8 4.4 6.6#



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013767.D

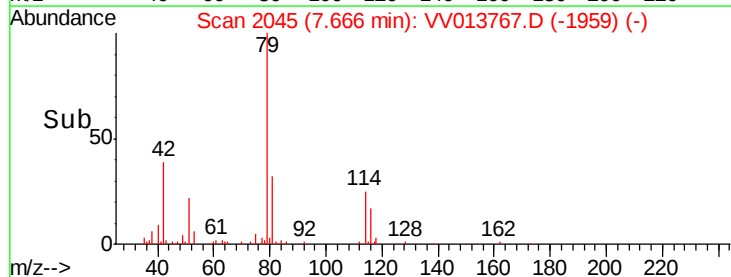
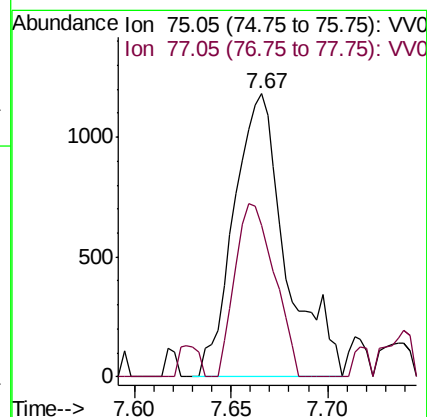
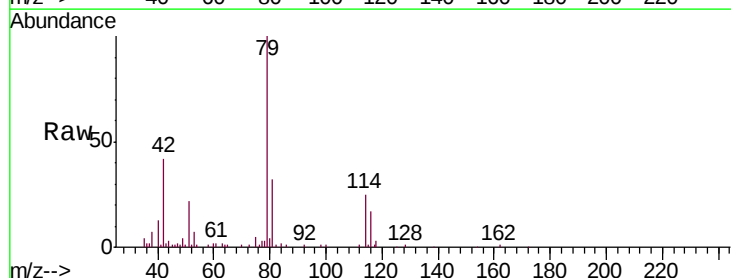
Acq: 25 Nov 2019 15:47

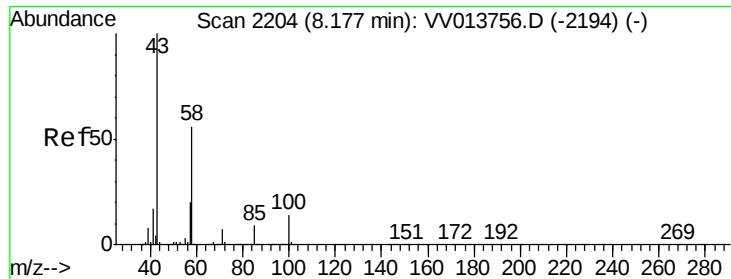
Tgt Ion: 75 Resp: 2209

Ion Ratio Lower Upper

75 100

77 53.6 23.0 42.8#





#48

2-Hexanone

Concen: 3.074 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

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Acq: 25 Nov 2019 15:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

Tgt Ion: 43 Resp: 28161

Ion Ratio Lower Upper

43 100

58 41.2 43.2 64.8#

57 38.2 15.4 23.2#

100 4.2 10.4 15.6#

