

Data File : VV013771.D
Acq On : 25 Nov 2019 17:44
Operator : SY/MD
Sample : K6004-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AD9

Quant Time: Nov 26 04:42:30 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	347193	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	336711	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	159050	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90038	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	85863	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	127401	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	3.96	46	236862	53.02	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	4.40	84	207387	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.08	65	104918	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	392447	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.11	67	123577	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	329588	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.66	79	39419	3.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.20%
46) 2-Hexanone-d5	8.14	63	168669	45.38	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	88544	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	143762	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

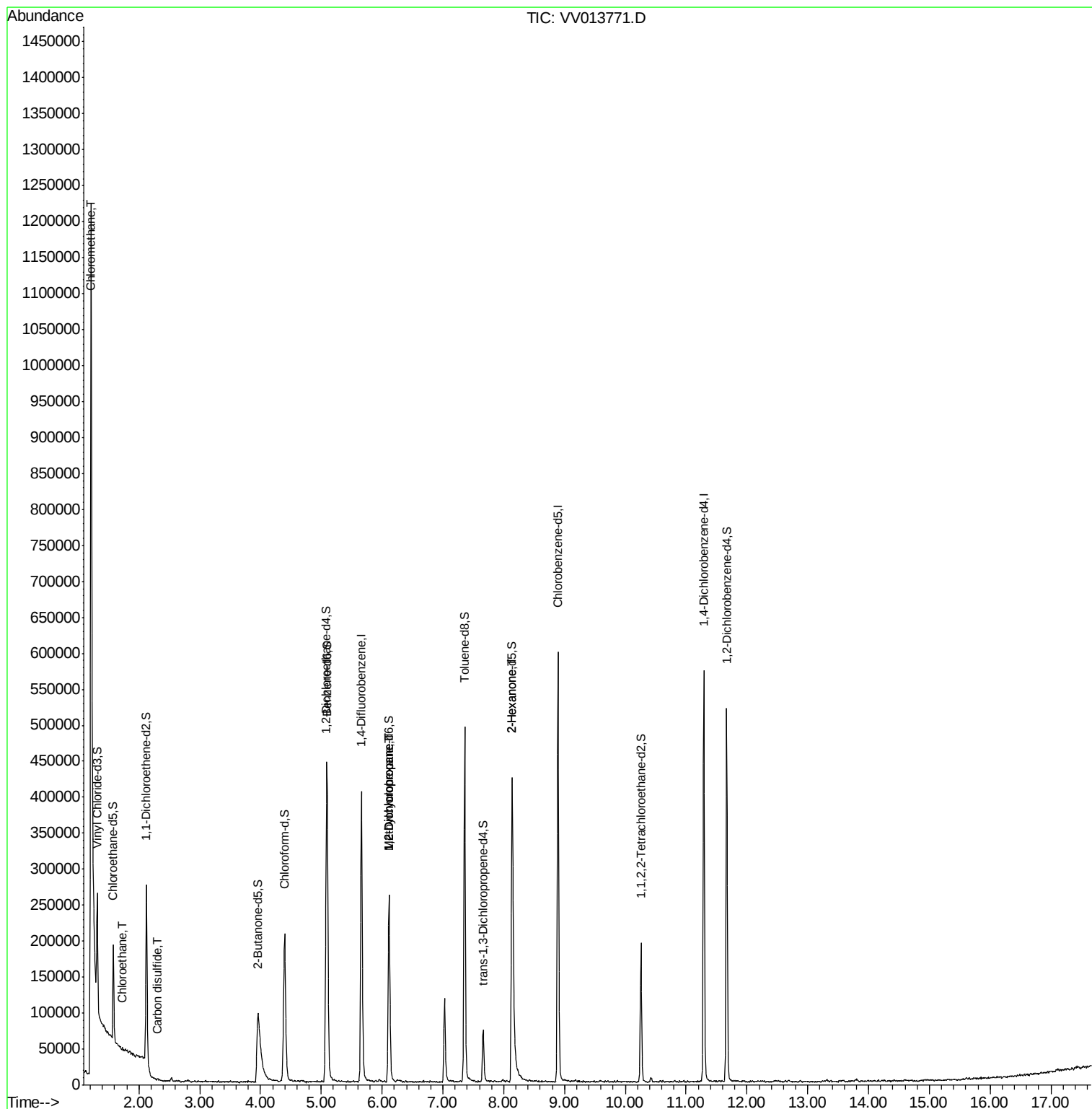
					Qvalue
3) Chloromethane	1.21	50	36894	1.817 ug/L #	44
8) Chloroethane	1.73	64	2906	0.232 ug/L #	51
14) Carbon disulfide	2.32	76	2328	0.060 ug/L #	86
35) Methylcyclohexane	6.11	83	30184	0.993 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13266	0.625 ug/L #	87
48) 2-Hexanone	8.14	43	22789	2.578 ug/L #	44

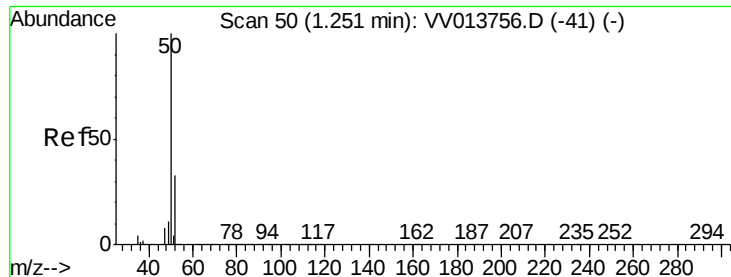
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.817 ug/L

RT: 1.21 min Scan# 38

Delta R.T. -0.04 min

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Acq: 25 Nov 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

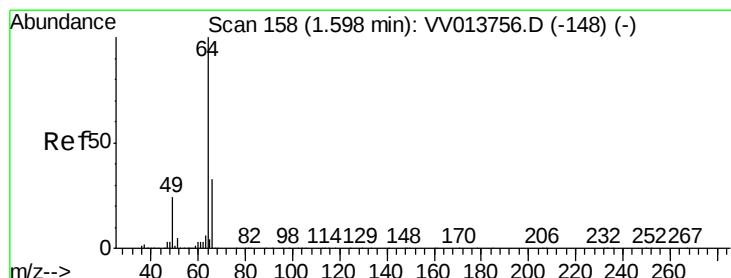
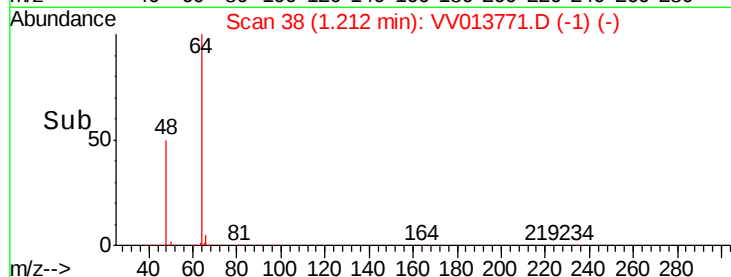
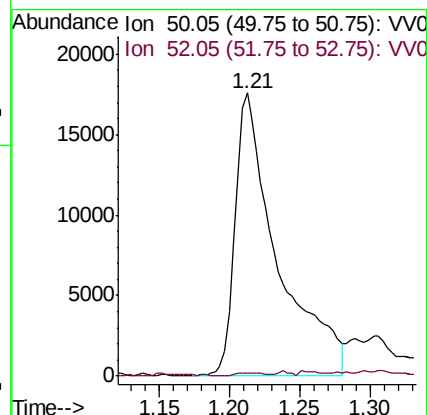
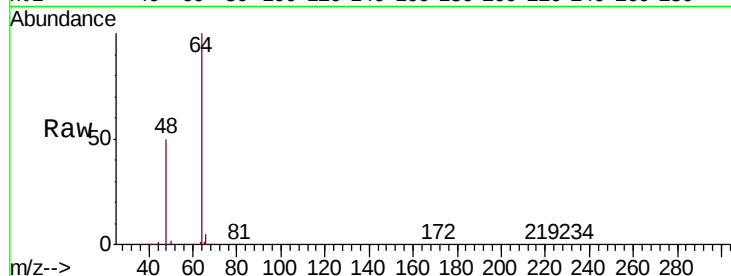
B0AD9

Tgt Ion: 50 Resp: 36894

Ion Ratio Lower Upper

50 100

52 1.0 22.5 41.7#



#8

Chloroethane

Concen: 0.232 ug/L

RT: 1.73 min Scan# 198

Delta R.T. 0.13 min

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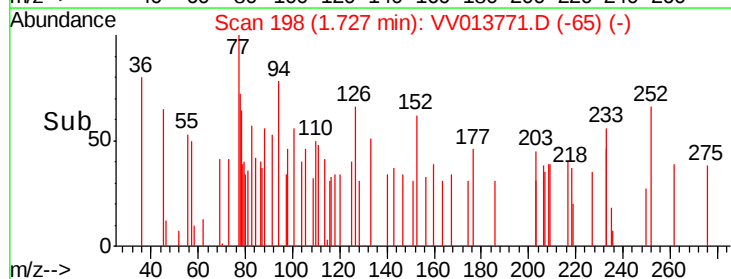
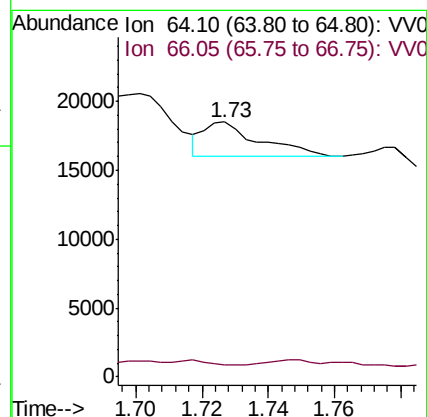
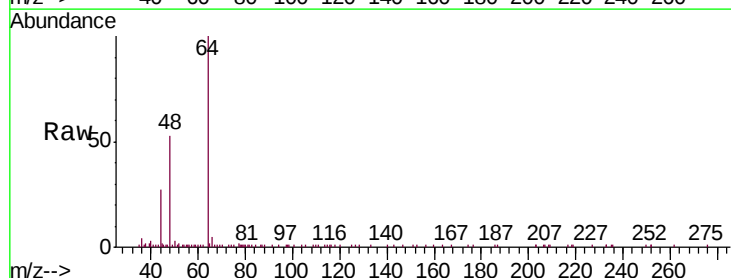
Acq: 25 Nov 2019 17:44

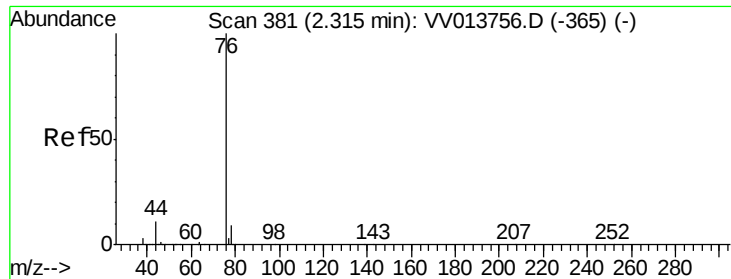
Tgt Ion: 64 Resp: 2906

Ion Ratio Lower Upper

64 100

66 4.9 22.6 42.0#





#14

Carbon disulfide

Concen: 0.060 ug/L

RT: 2.32 min Scan# 381

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

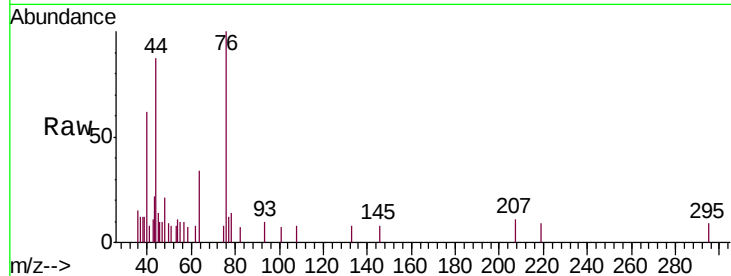
B0AD9

Tgt Ion: 76 Resp: 2328

Ion Ratio Lower Upper

76 100

78 14.5 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

1500

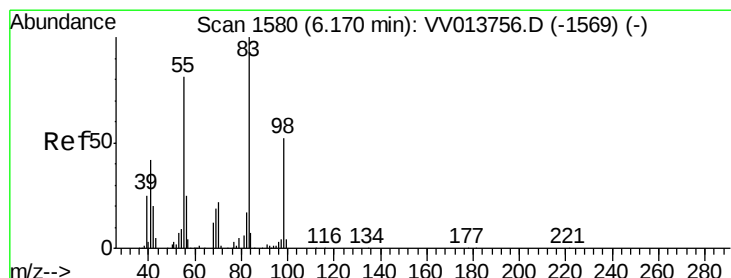
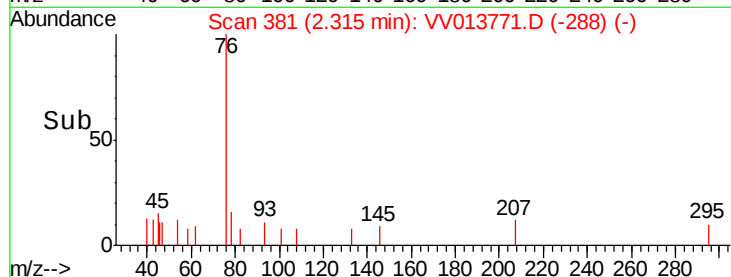
1000

500

0

2.25 2.30 2.35

Time-->



#35

Methylcyclohexane

Concen: 0.993 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013771.D

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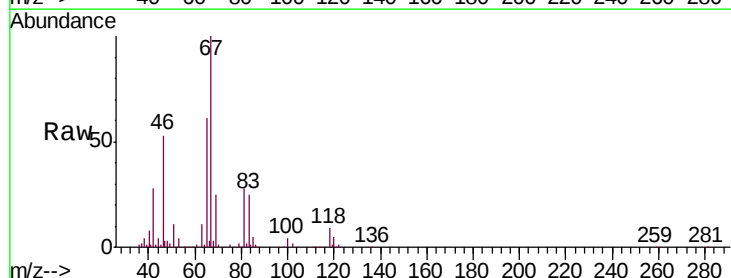
Tgt Ion: 83 Resp: 30184

Ion Ratio Lower Upper

83 100

55 0.5 60.3 90.5#

98 1.5 38.1 57.1#



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

20000

15000

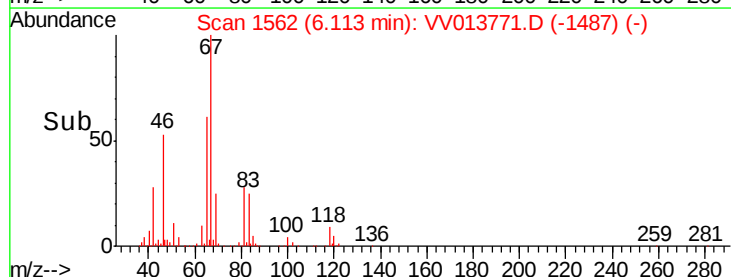
10000

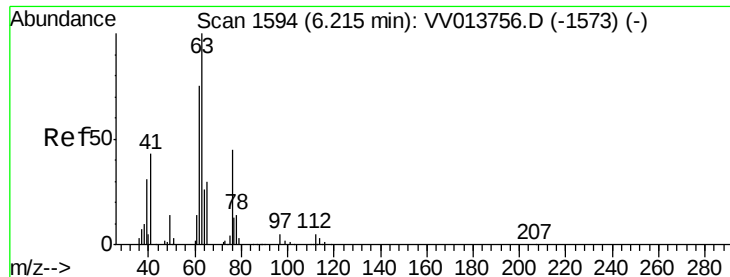
5000

0

6.05 6.10 6.15 6.20

Time-->





#37

1,2-Dichloropropane

Concen: 0.625 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

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Acq: 25 Nov 2019 17:44

Instrument :

MSVOA_V

ClientSampleId :

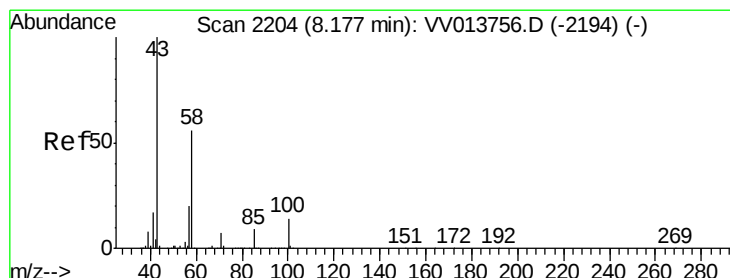
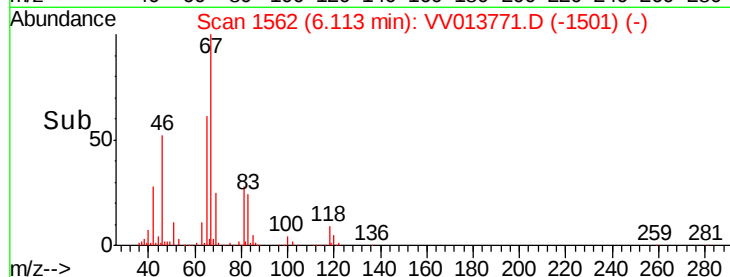
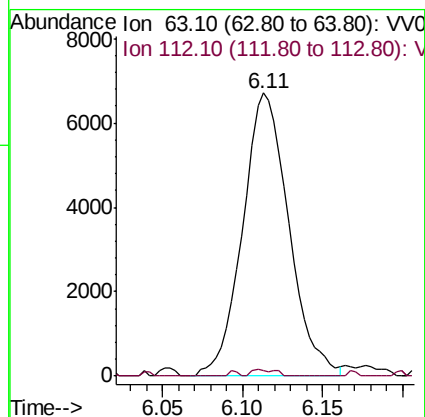
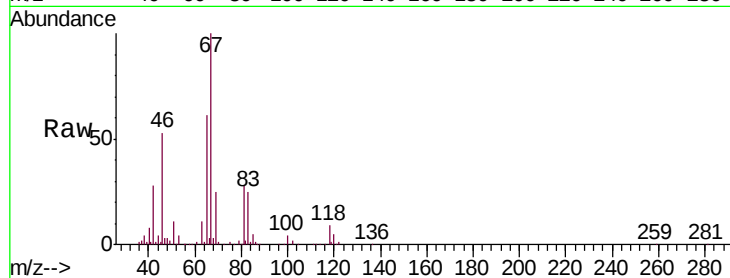
B0AD9

Tgt Ion: 63 Resp: 13266

Ion Ratio Lower Upper

63 100

112 1.1 4.4 6.6#



#48

2-Hexanone

Concen: 2.578 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.04 min

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Acq: 25 Nov 2019 17:44

Tgt Ion: 43 Resp: 22789

Ion Ratio Lower Upper

43 100

58 0.0 43.2 64.8#

57 31.7 15.4 23.2#

100 5.3 10.4 15.6#

