

Data File : VV013425.D
Acq On : 30 Oct 2019 11:30
Operator : SY/MD
Sample : VV1030WBL01
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK44

Quant Time: Oct 31 02:44:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344726	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	379752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	192160	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145874	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.58	69	122545	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	189366	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	389022	52.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.32%
24) Chloroform-d	4.40	84	309799	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	162518	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	633692	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	195199	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	522511	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.66	79	65313	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.14	63	220344	44.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130342	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	198315	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

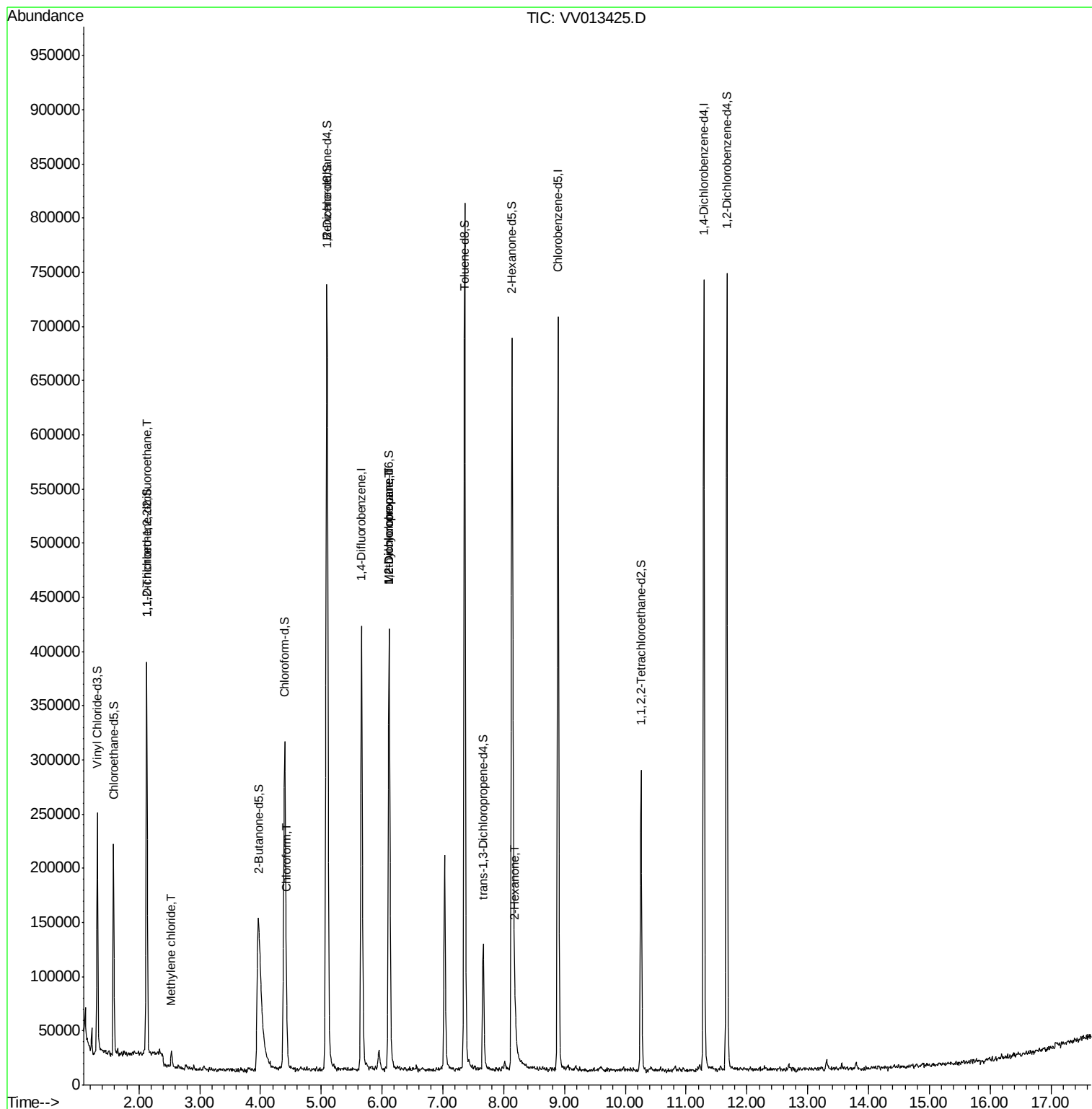
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2343	0.085 ug/L #	33
16) Methylene chloride	2.53	84	5889	0.154 ug/L	92
25) Chloroform	4.43	83	19903	0.292 ug/L	95
35) Methylcyclohexane	6.12	83	46101	0.793 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	21428	0.597 ug/L #	89
48) 2-Hexanone	8.19	43	24676	1.728 ug/L #	76

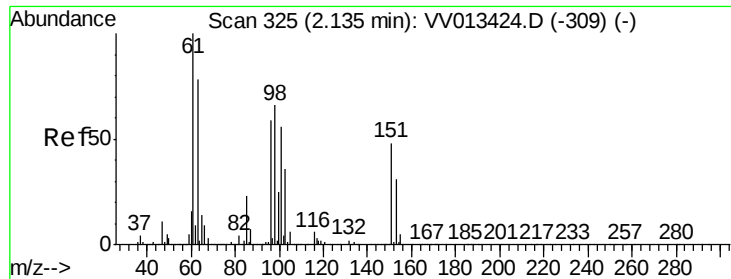
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration





#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VBLK44

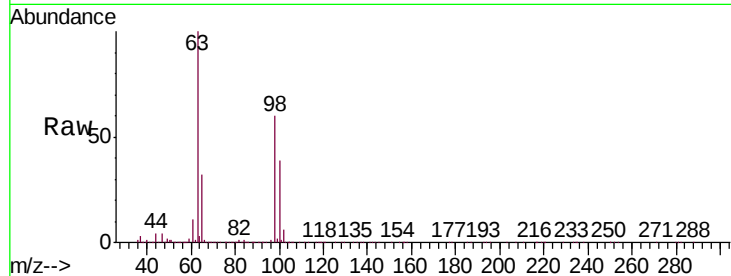
Tgt Ion:101 Resp: 2343

Ion Ratio Lower Upper

101 100

85 15.4 33.0 49.4#

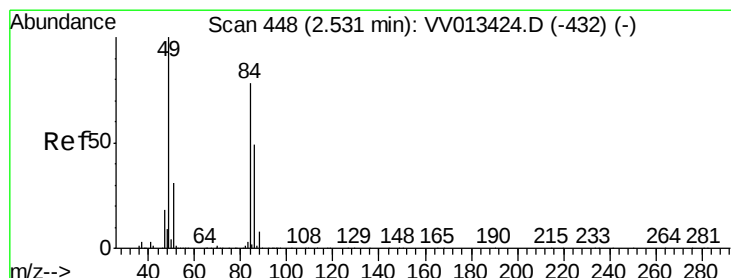
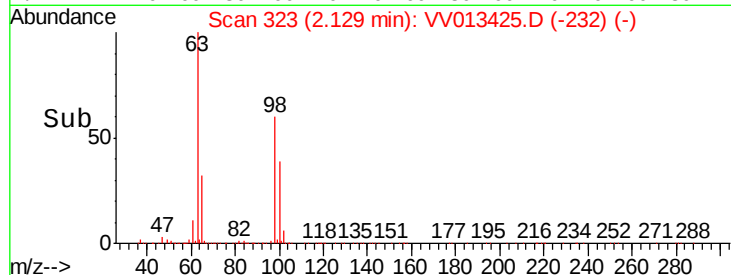
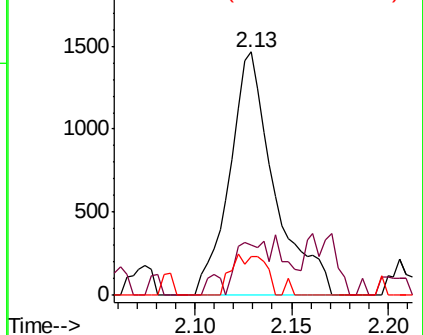
151 12.7 68.2 102.2#



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: 0.154 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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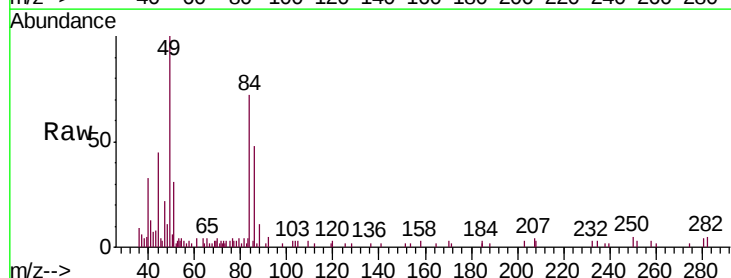
Tgt Ion: 84 Resp: 5889

Ion Ratio Lower Upper

84 100

86 67.4 43.8 81.4

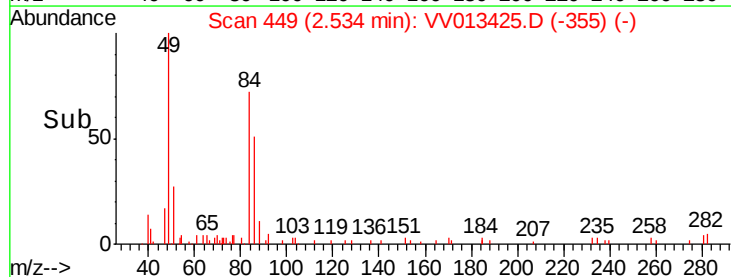
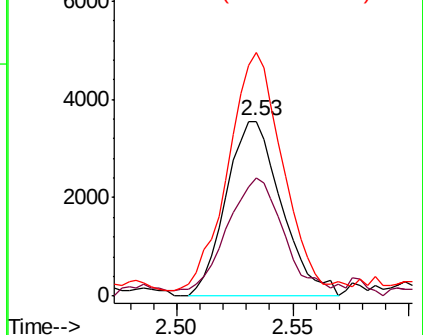
49 139.1 90.4 168.0

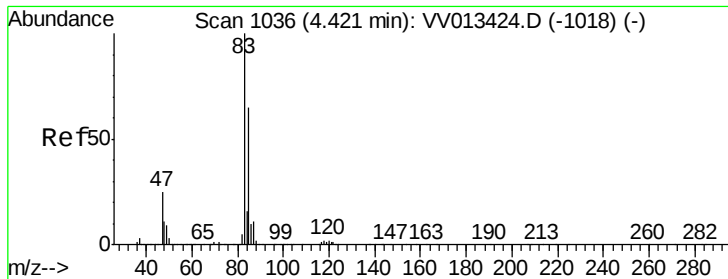


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

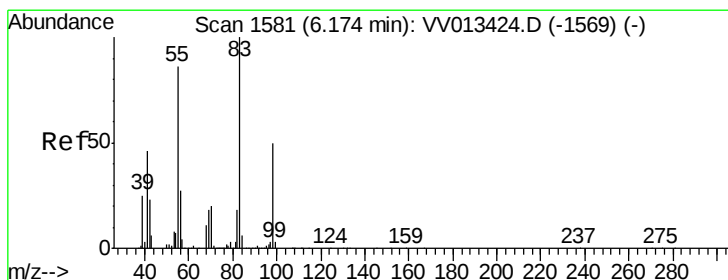
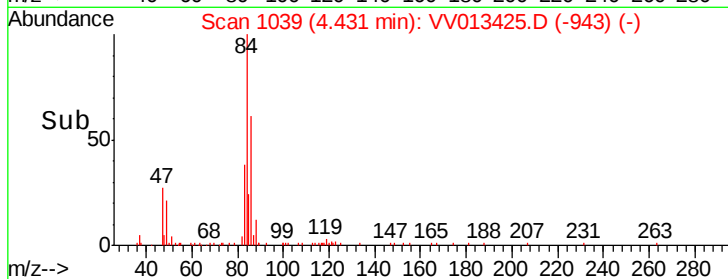
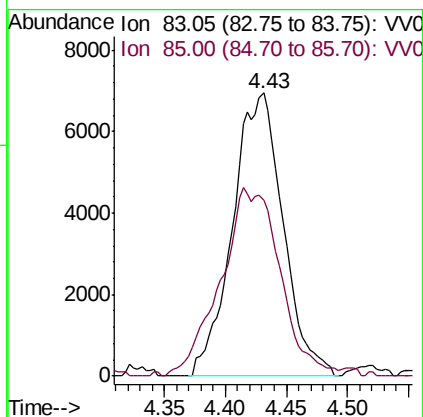
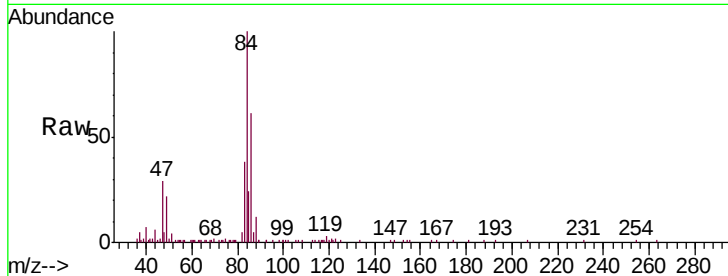




#25
Chloroform
Concen: 0.292 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV013425.D
Acq: 30 Oct 2019 11:30

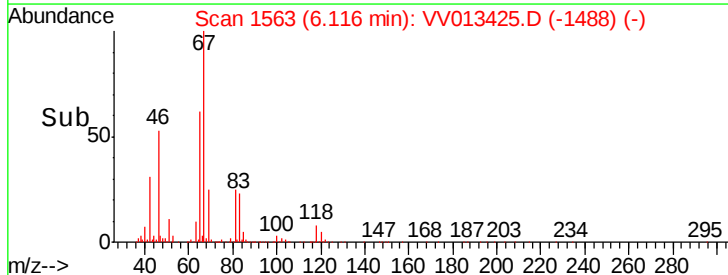
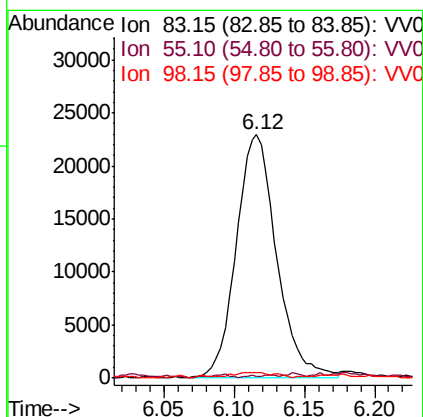
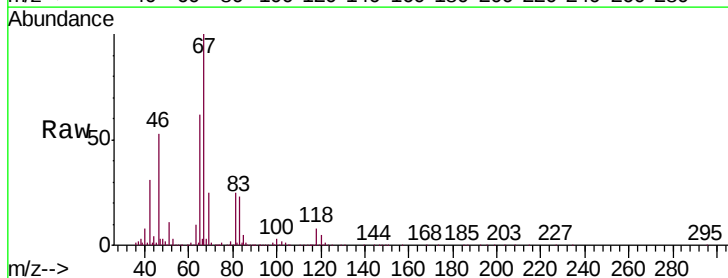
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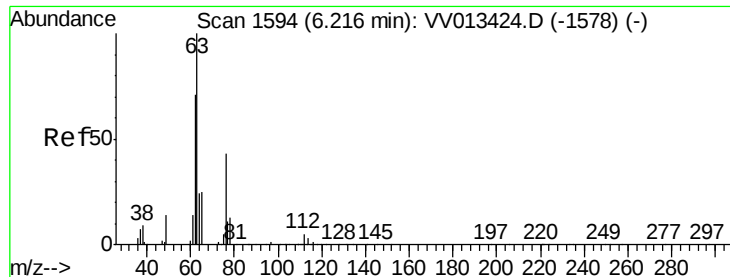
Tgt Ion: 83 Resp: 19903
Ion Ratio Lower Upper
83 100
85 62.3 46.5 86.5



#35
Methylcyclohexane
Concen: 0.793 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV013425.D
Acq: 30 Oct 2019 11:30

Tgt Ion: 83 Resp: 46101
Ion Ratio Lower Upper
83 100
55 0.3 66.0 99.0#
98 1.5 38.2 57.4#





#37

1,2-Dichloropropane

Concen: 0.597 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013425.D

Acq: 30 Oct 2019 11:30

Instrument :

MSVOA_V

ClientSampled :

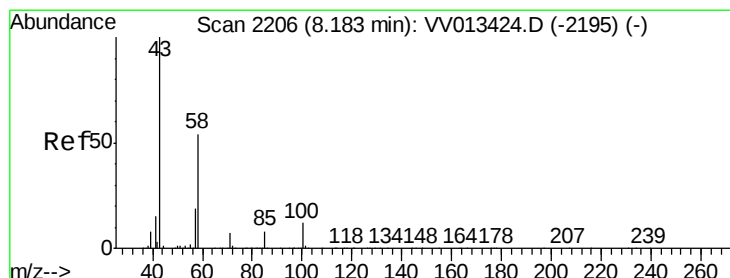
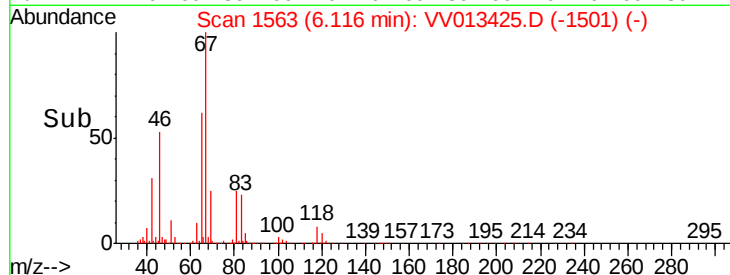
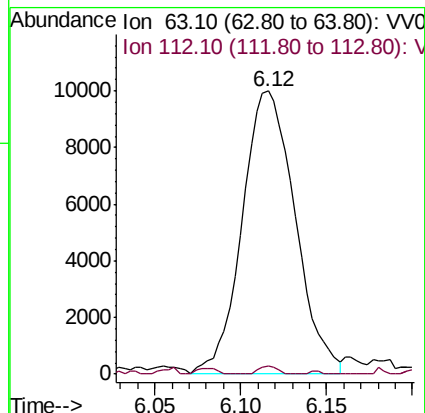
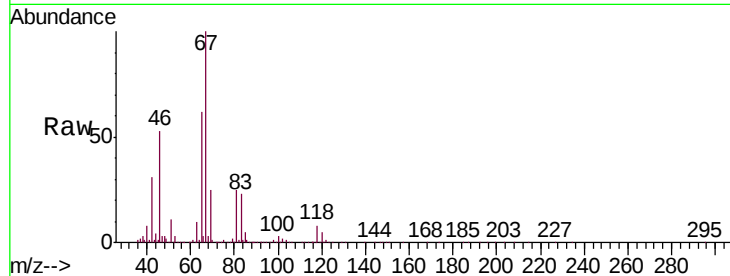
VBLK44

Tgt Ion: 63 Resp: 21428

Ion Ratio Lower Upper

63 100

112 0.9 3.6 5.4#



#48

2-Hexanone

Concen: 1.728 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV013425.D

Acq: 30 Oct 2019 11:30

Tgt Ion: 43 Resp: 24676

Ion Ratio Lower Upper

43 100

58 30.9 43.5 65.3#

57 13.7 14.3 21.5#

100 8.7 9.3 13.9#

