

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110519\
 Data File : VV013486.D
 Acq On : 05 Nov 2019 13:49
 Operator : SY/MD
 Sample : VV1105WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK47

Quant Time: Nov 06 02:14:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 06 02:12:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	461224	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	484750	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	144318	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	127116	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	198843	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.96	46	462029	43.87	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.74%
24) Chloroform-d	4.39	84	372858	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.08	65	199435	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.09	84	737440	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.11	67	236642	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.35	98	632528	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.66	79	80777	4.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.00%
46) 2-Hexanone-d5	8.13	63	297950	40.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	159015	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	239599	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

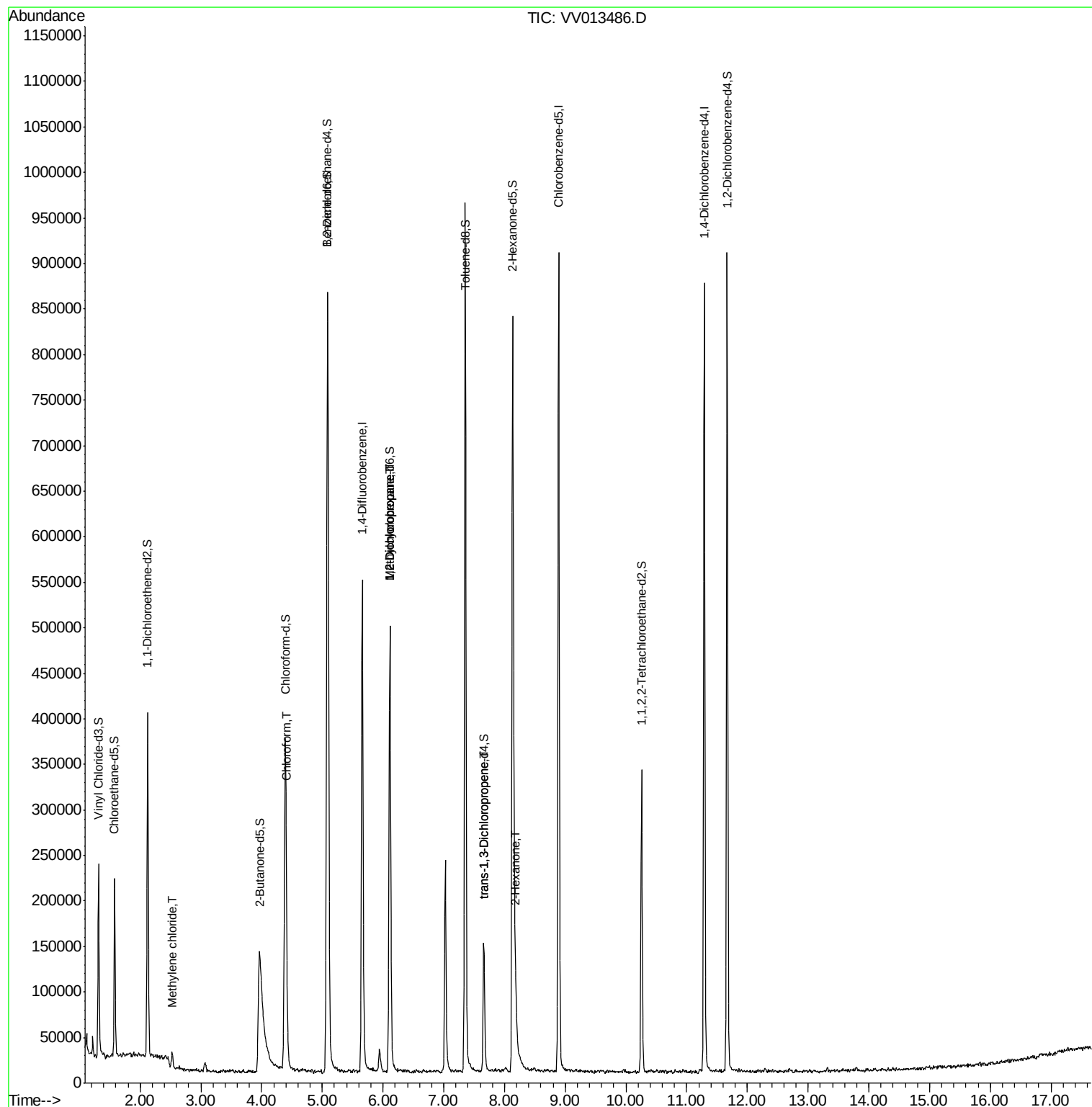
					Ovalue
16) Methylene chloride	2.53	84	7985	0.162 ug/L	97
25) Chloroform	4.41	83	13669	0.158 ug/L	88
35) Methylcyclohexane	6.11	83	57503	0.792 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	25672	0.595 ug/L #	90
44) trans-1,3-Dichloropropene	7.66	75	3791	0.080 ug/L	88
48) 2-Hexanone	8.19	43	36793	1.847 ug/L #	83

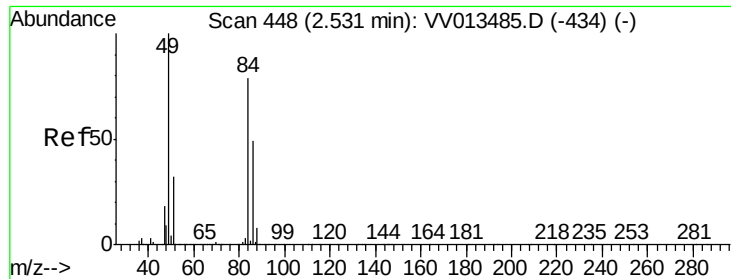
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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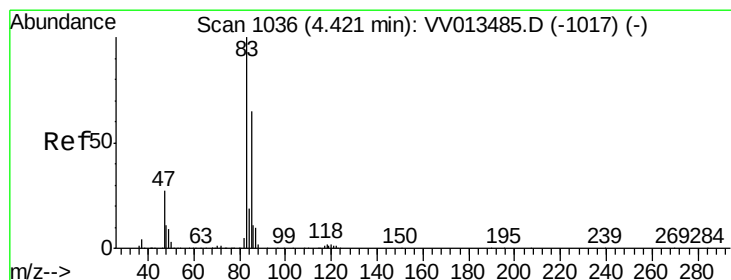
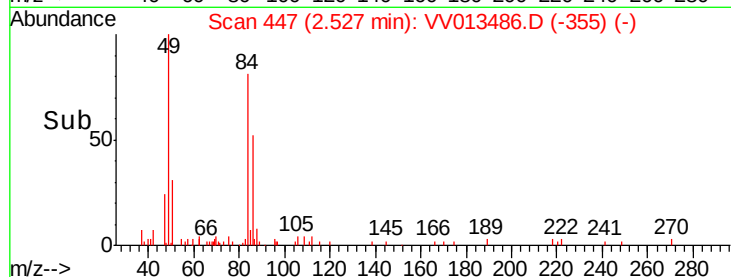
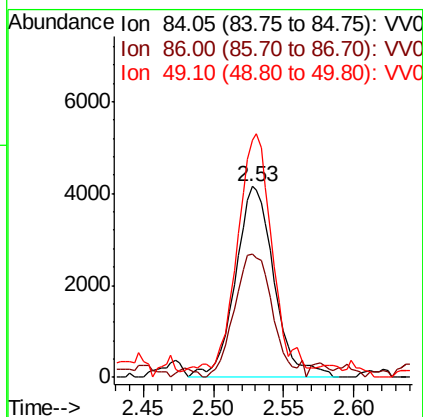
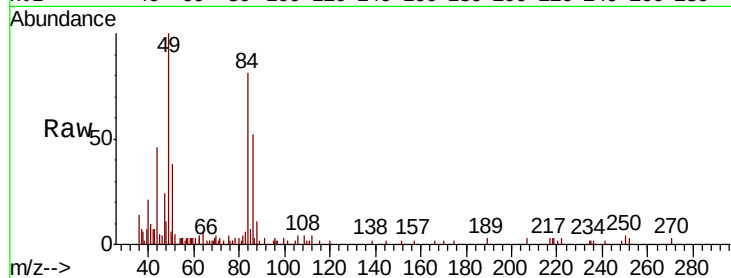




#16
Methylene chloride
Concen: 0.162 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV013486.D
Acq: 05 Nov 2019 13:49

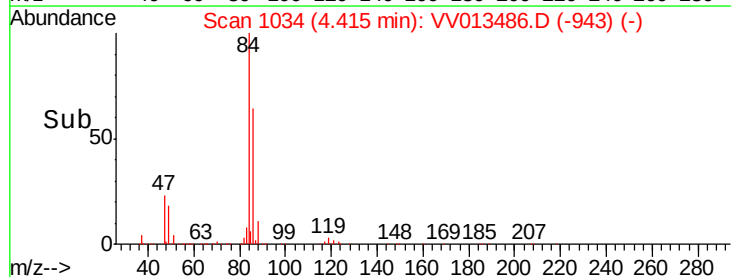
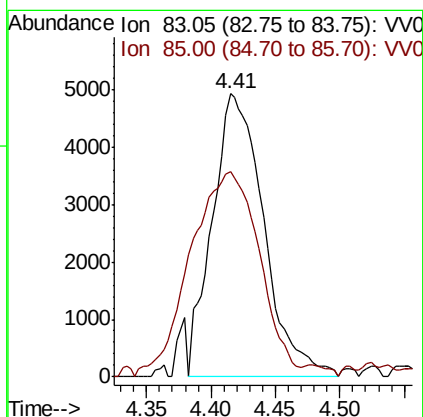
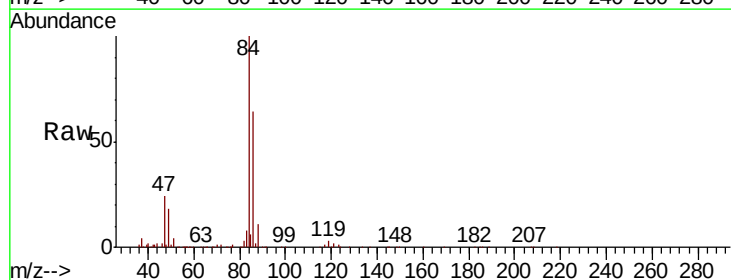
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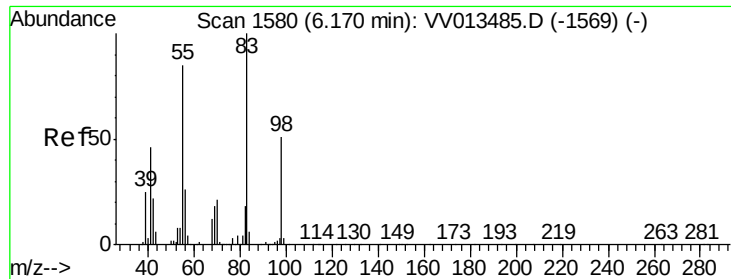
Tot Ion: 84 Resp: 7985
Ion Ratio Lower Upper
84 100
86 64.4 45.3 84.1
49 124.2 90.4 168.0



#25
Chloroform
Concen: 0.158 ug/L
RT: 4.41 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VV013486.D
Acq: 05 Nov 2019 13:49

Tgt Ion: 83 Resp: 13669
Ion Ratio Lower Upper
83 100
85 72.7 44.1 81.9

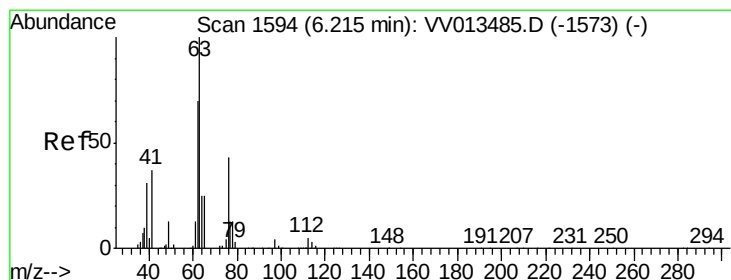
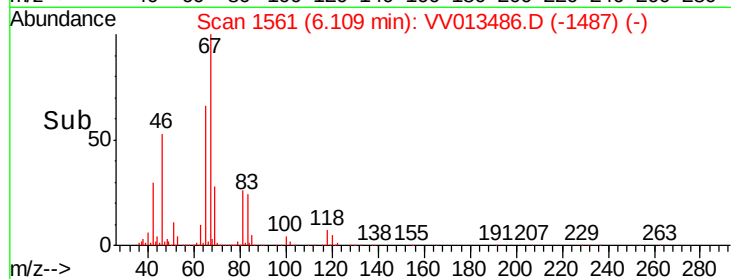
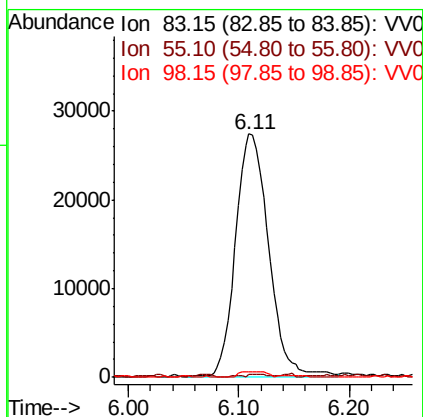
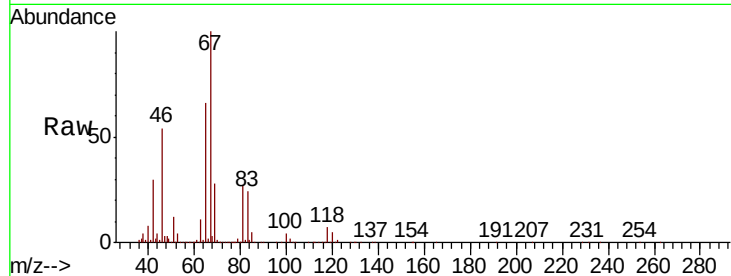




#35
Methylvlcyclohexane
Concen: 0.792 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.06 min
Lab File: VV013486.D
Acq: 05 Nov 2019 13:49

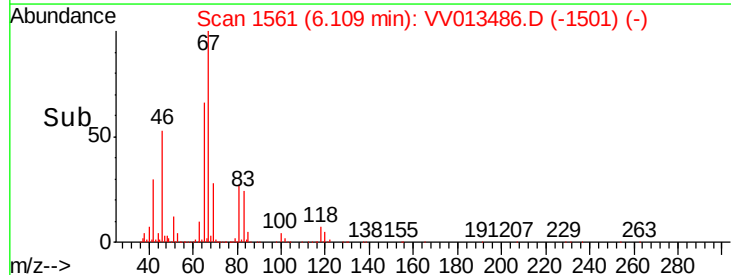
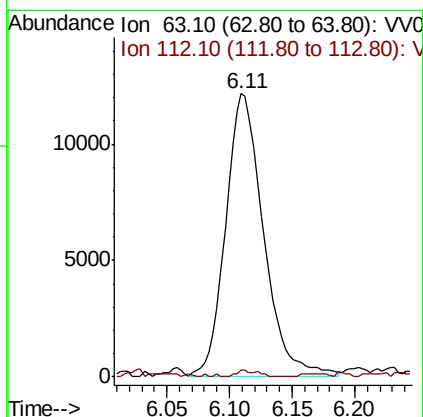
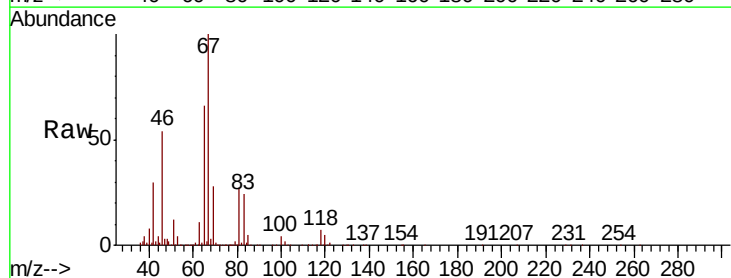
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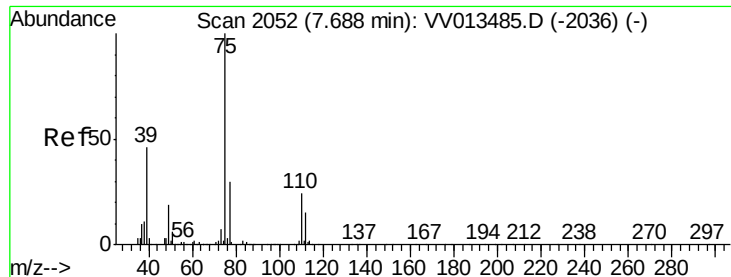
Tot Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.6	96.8#
98	1.8	39.1	58.7#



#37
1,2-Dichloropropane
Concen: 0.595 ug/L
RT: 6.11 min Scan# 1561
Delta R.T. -0.11 min
Lab File: VV013486.D
Acq: 05 Nov 2019 13:49

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.3	3.8	5.8#





#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013486.D

Acq: 05 Nov 2019 13:49

Instrument :

MSVOA_V

ClientSampleId :

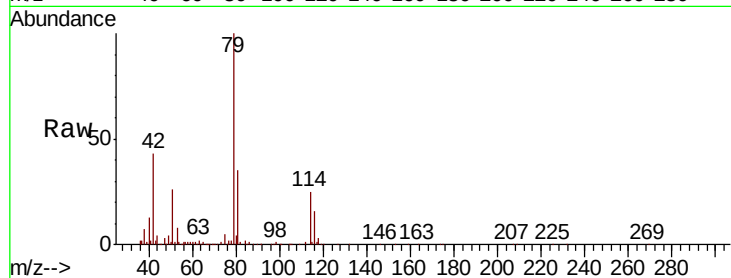
VBLK47

Tot Ion: 75 Resp: 3791

Ion Ratio Lower Upper

75 100

77 38.0 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

2500

2000

1500

1000

500

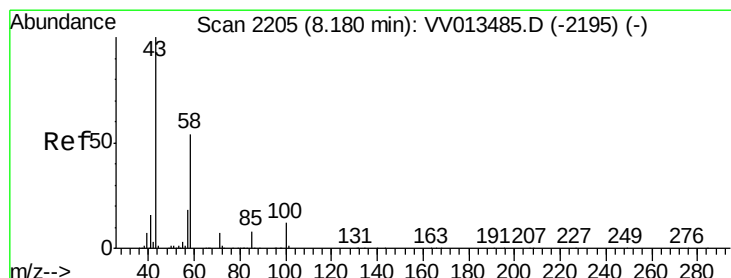
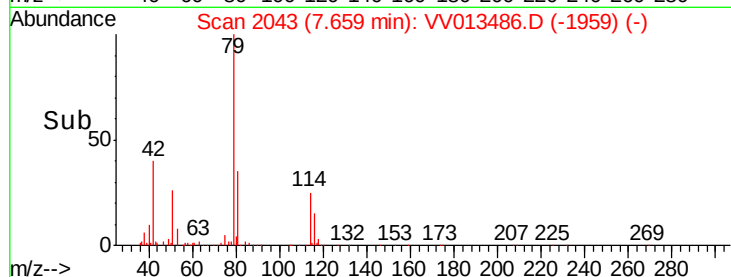
0

7.60

7.65

7.70

Time-->



#48

2-Hexanone

Concen: 1.847 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.01 min

Lab File: VV013486.D

Acq: 05 Nov 2019 13:49

Tgt Ion: 43 Resp: 36793

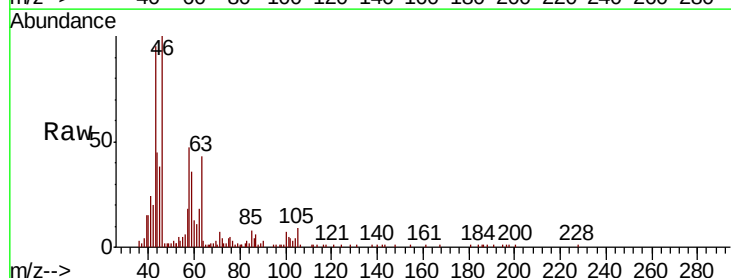
Ion Ratio Lower Upper

43 100

58 40.4 42.2 63.4#

57 12.9 14.9 22.3#

100 4.1 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

30000

25000

20000

15000

10000

5000

0

8.10

8.15

8.20

8.25

8.30

Time-->

