

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112719\
 Data File : VV013817.D
 Acq On : 27 Nov 2019 12:26
 Operator : SY/MD
 Sample : K5993-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 28 02:56:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 28 02:51:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339568	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	327486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145138	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81244	3.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.40%
7) Chloroethane-d5	1.58	69	78762	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.20%
11) 1,1-Dichloroethene-d2	2.12	63	115105	3.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.00%
20) 2-Butanone-d5	3.96	46	232715	53.26	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.40	84	185633	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.08	65	101067	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.09	84	366844	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.12	67	119257	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	286427	3.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.20%
43) trans-1,3-Dichloropropene-	7.66	79	40856	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.14	63	164805	45.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87952	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	131658	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

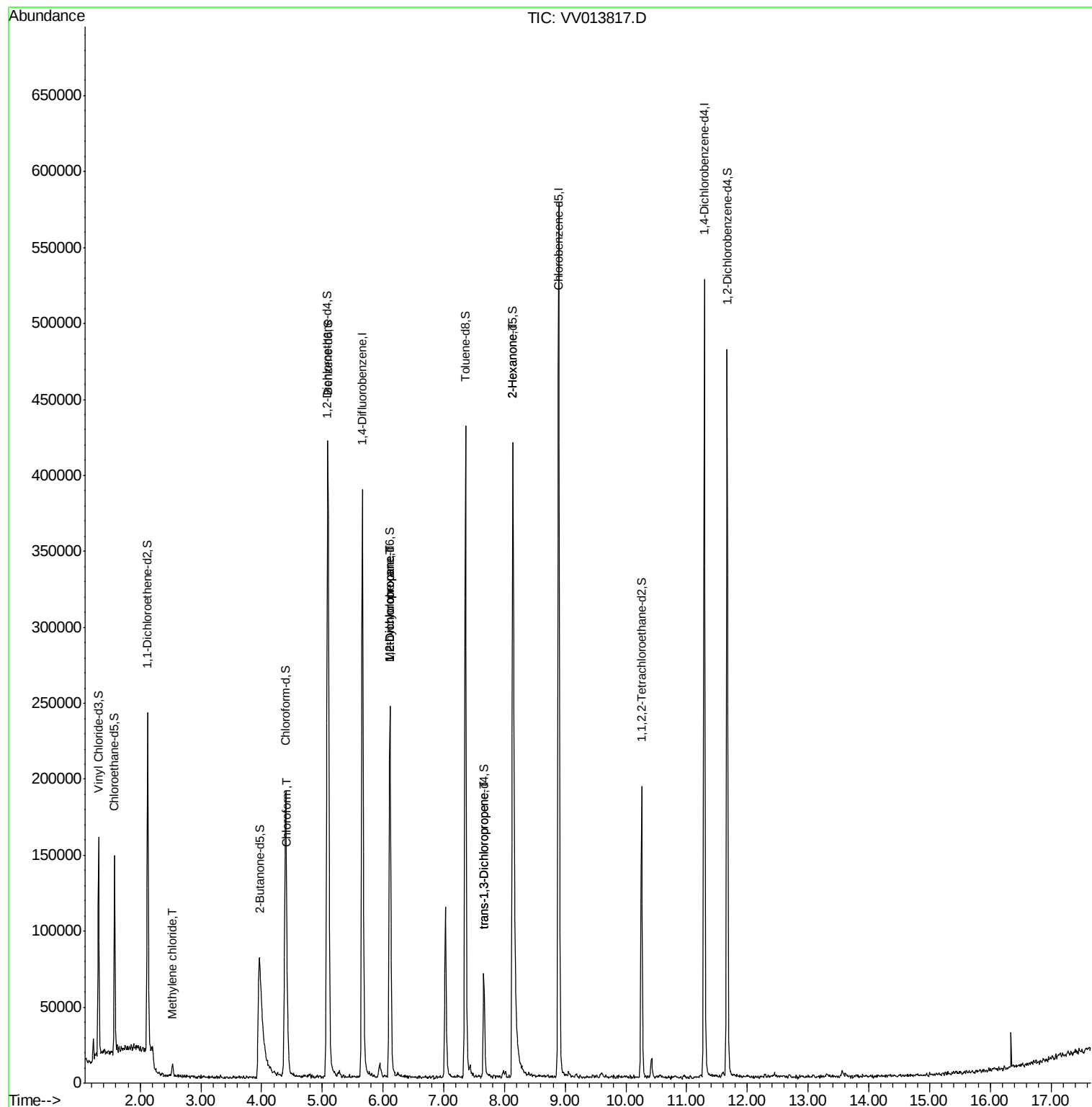
					Ovalue
16) Methylene chloride	2.53	84	3298	0.147 ug/L	95
25) Chloroform	4.42	83	18483	0.474 ug/L	88
35) Methylcyclohexane	6.12	83	29410	0.995 ug/L #	20
37) 1,2-Dichloropropane	6.11	63	13389	0.648 ug/L #	85
44) trans-1,3-Dichloropropene	7.66	75	1754	0.076 ug/L	84
48) 2-Hexanone	8.14	43	22755	2.646 ug/L #	80

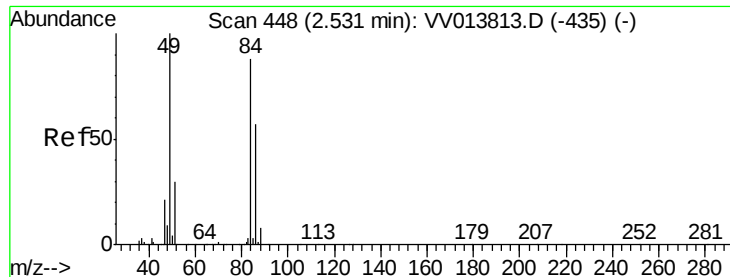
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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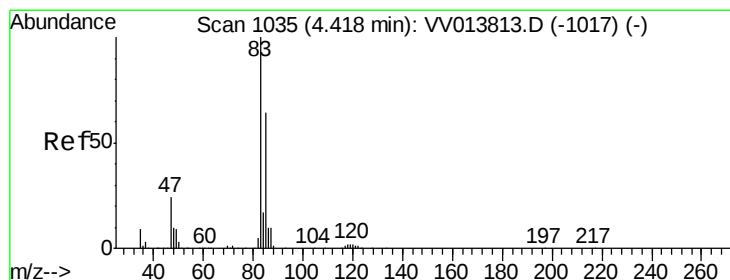
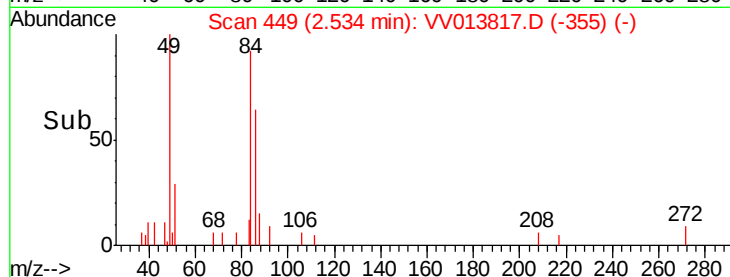
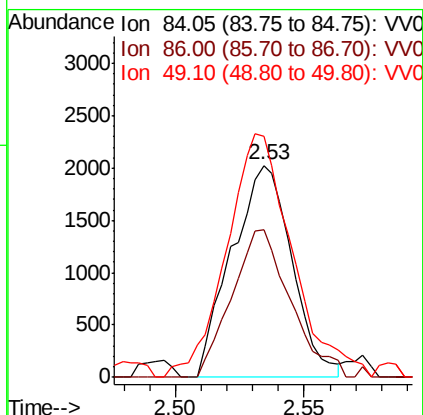
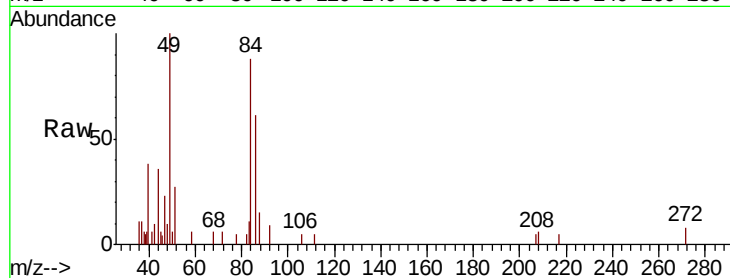




#16
Methvlene chloride
Concen: 0.147 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013817.D
Acq: 27 Nov 2019 12:26

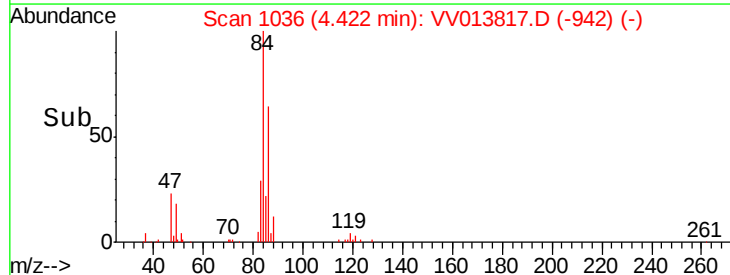
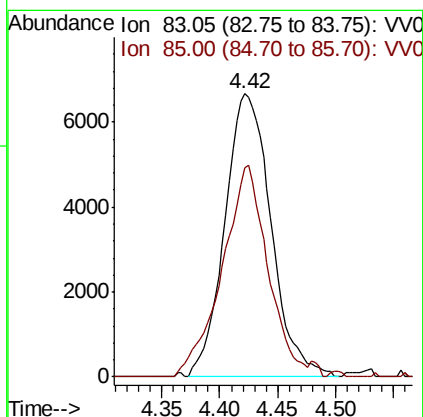
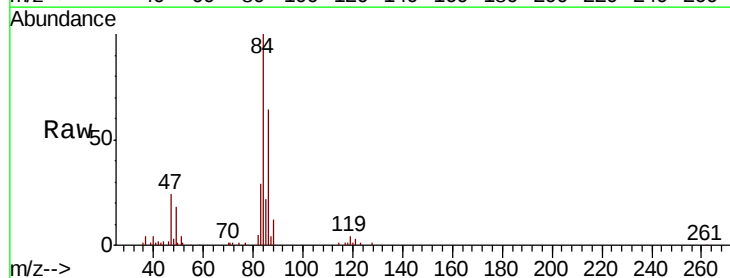
Instrument :
MSVOA_V
ClientSampleId :

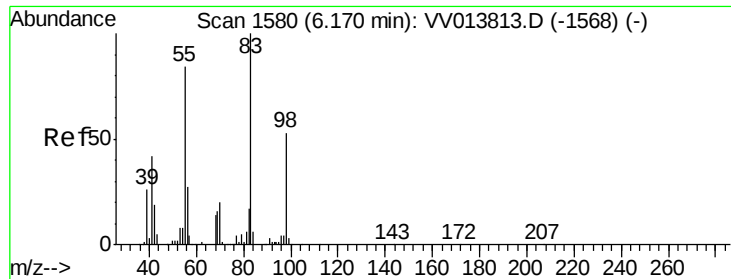
Tot Ion: 84 Resp: 3298
Ion Ratio Lower Upper
84 100
86 69.7 44.0 81.6
49 114.0 81.5 151.5



#25
Chloroform
Concen: 0.474 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VV013817.D
Acq: 27 Nov 2019 12:26

Tgt Ion: 83 Resp: 18483
Ion Ratio Lower Upper
83 100
85 74.1 45.1 83.7

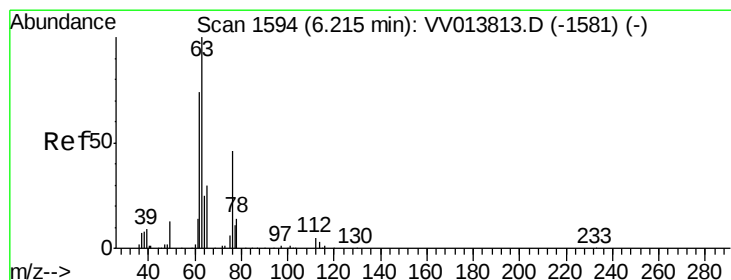
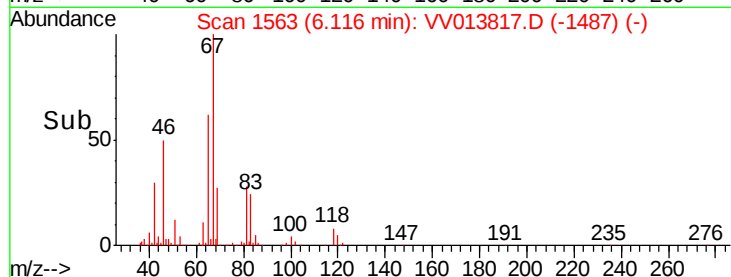
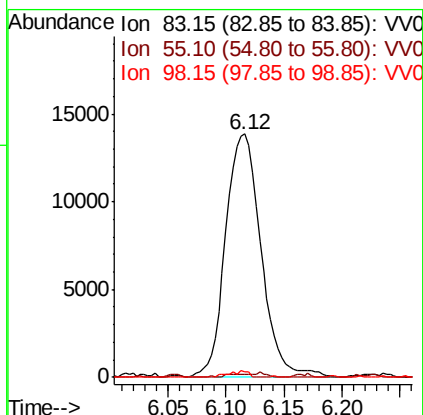
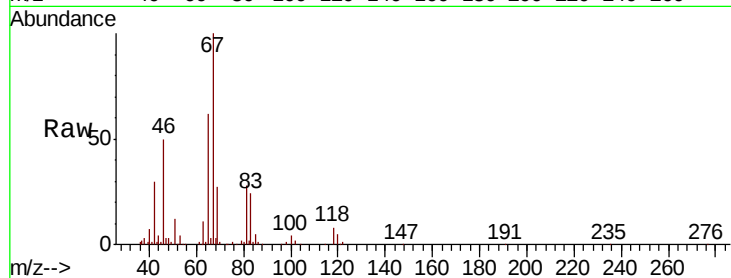




#35
Methvlcvclohexane
Concen: 0.995 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013817.D
Acq: 27 Nov 2019 12:26

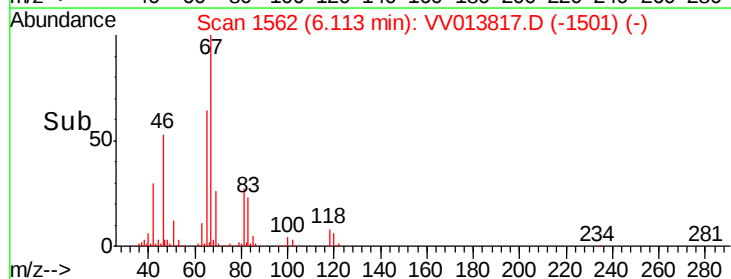
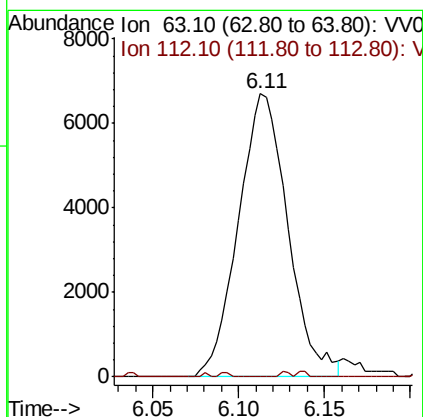
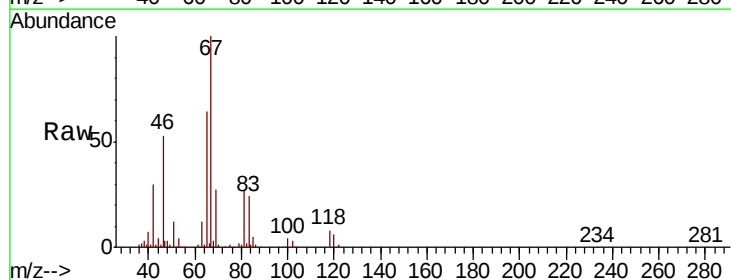
Instrument :
MSVOA_V
ClientSampleId :

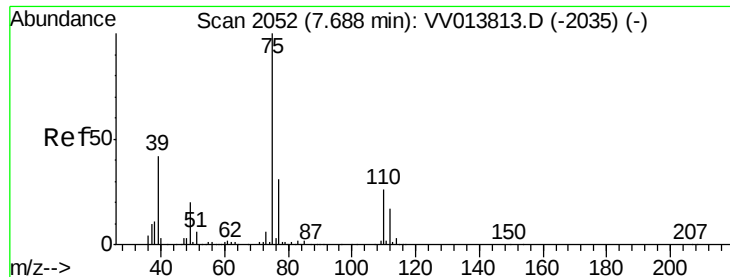
Tot Ion	83	Resp	29410
Ion Ratio	Lower	Upper	
83	100		
55	0.7	60.3	90.5#
98	1.4	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 0.648 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013817.D
Acq: 27 Nov 2019 12:26

Tgt Ion	63	Resp	13389
Ion Ratio	Lower	Upper	
63	100		
112	0.3	4.4	6.6#





#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013817.D

Acq: 27 Nov 2019 12:26

Instrument :

MSVOA_V

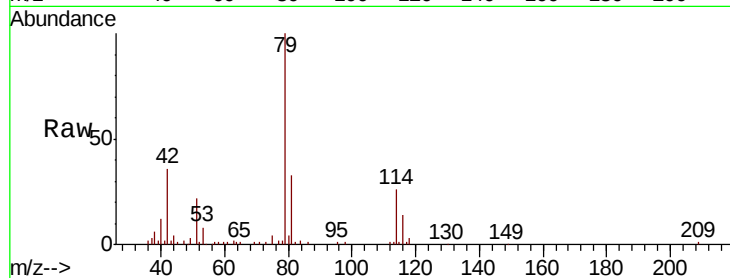
ClientSampled :

Tot Ion: 75 Resp: 1754

Ion Ratio Lower Upper

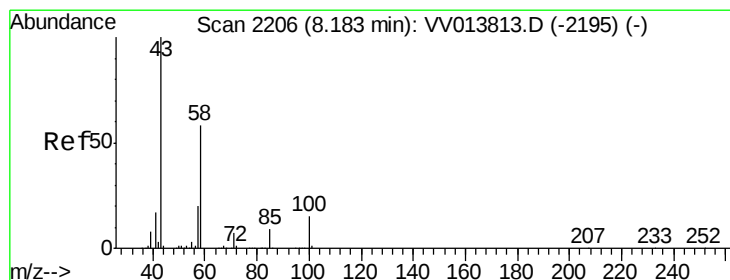
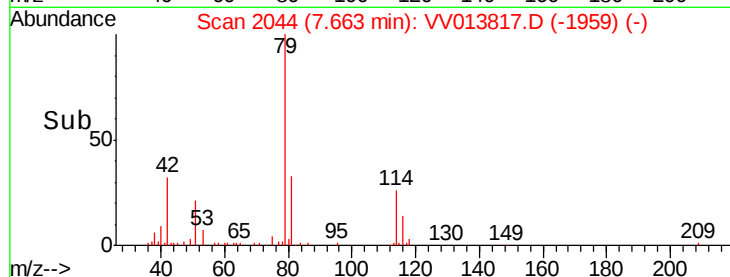
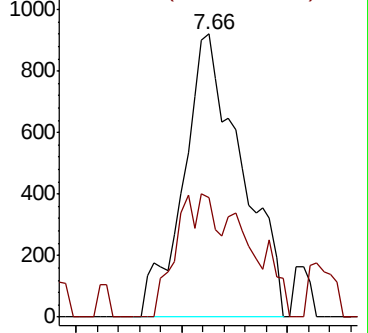
75 100

77 42.0 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.646 ug/L

RT: 8.14 min Scan# 2191

Delta R.T. -0.05 min

Lab File: VV013817.D

Acq: 27 Nov 2019 12:26

Tgt Ion: 43 Resp: 22755

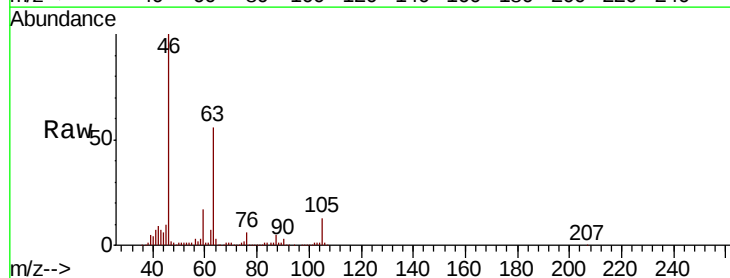
Ion Ratio Lower Upper

43 100

58 43.6 43.2 64.8

57 34.2 15.4 23.2#

100 3.3 10.4 15.6#



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

