

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072320\
 Data File : VV017629.D
 Acq On : 24 Jul 2020 02:15
 Operator : SY/MD
 Sample : L3398-12
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4C46

Quant Time: Jul 24 03:33:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 02:33:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	154999	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155297	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	71621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39692	5.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.20%
7) Chloroethane-d5	1.58	69	32885	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.12	63	65221	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.60%
20) 2-Butanone-d5	3.93	46	92804	52.41	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.82%
24) Chloroform-d	4.38	84	97895	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.06	65	52601	5.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.80%
32) Benzene-d6	5.07	84	175762	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.10	67	48382	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	158141	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
45) trans-1,3-Dichloropropene-	7.64	79	19547	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.11	63	61390	45.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.86%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31920	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	65366	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

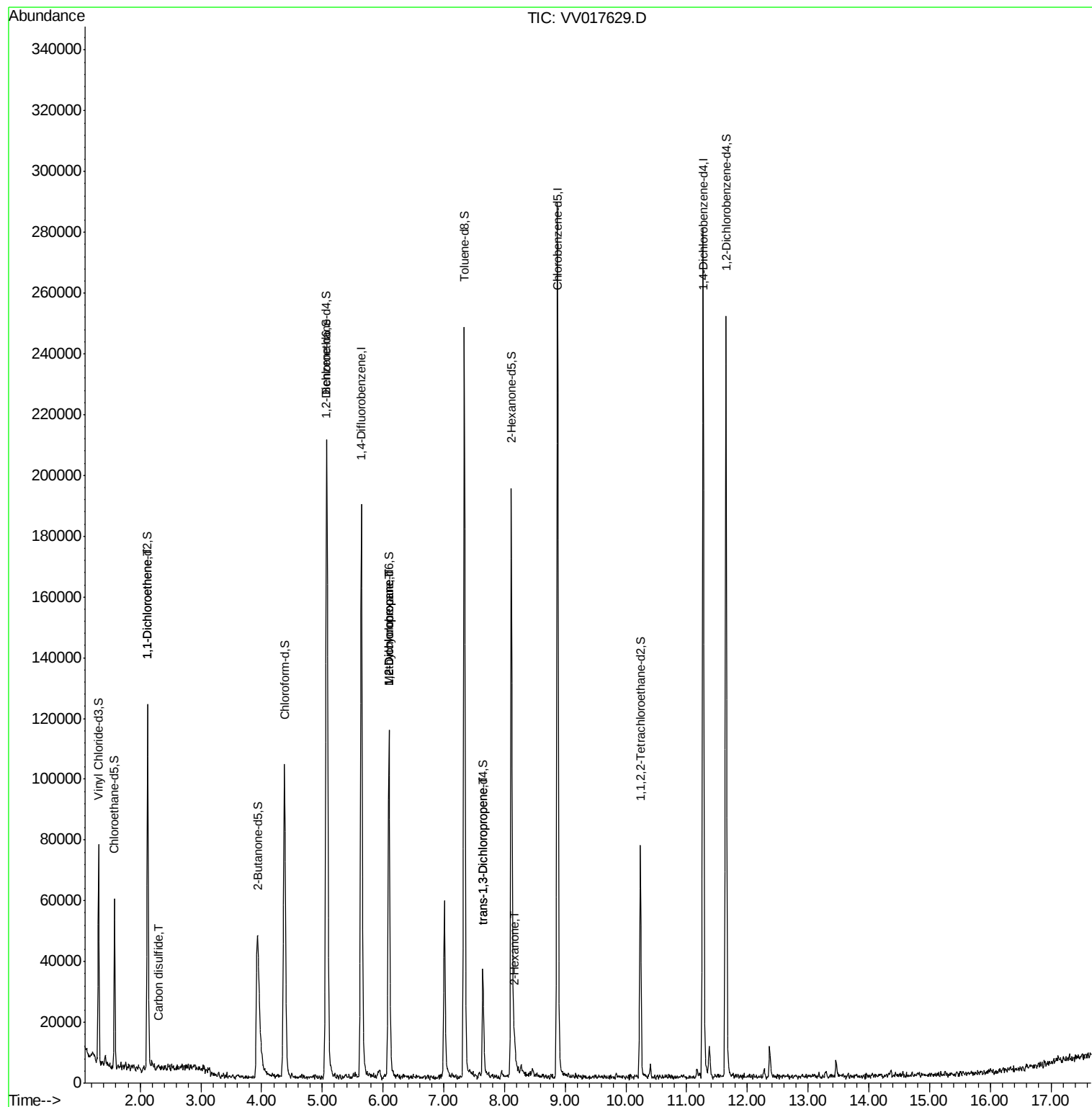
					Ovalue
12) 1,1-Dichloroethene	2.13	96	587	0.070 ug/L #	1
14) Carbon disulfide	2.31	76	1201	0.047 ug/L #	84
35) Methylcyclohexane	6.09	83	14561	0.784 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	6688	0.647 ug/L #	84
46) trans-1,3-Dichloropropene	7.65	75	1048	0.075 ug/L #	73
50) 2-Hexanone	8.17	43	3872	0.966 ug/L #	86

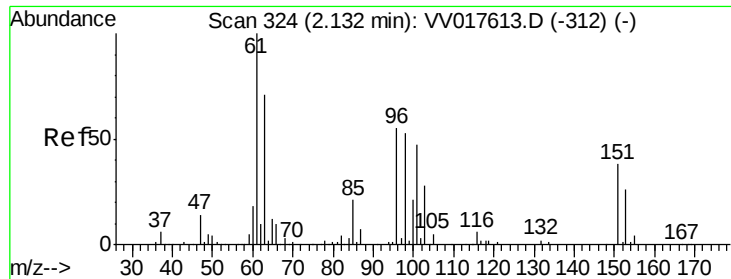
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 02:33:05 2020
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#12

1,1-Dichloroethene

Concen: 0.070 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV017629.D

Acq: 24 Jul 2020 02:15

Instrument :

MSVOA_V

ClientSampled :

F4C46

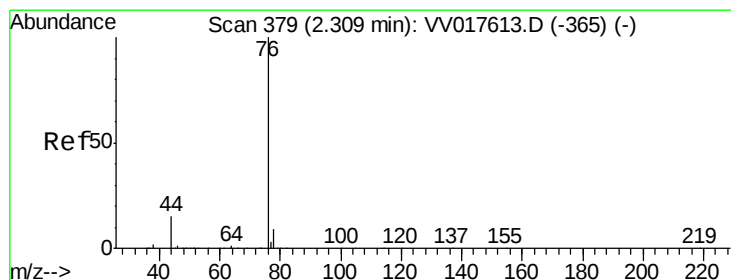
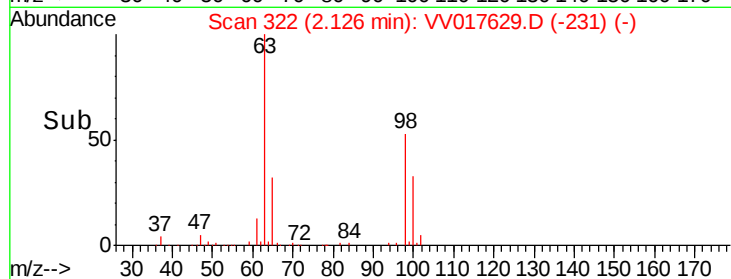
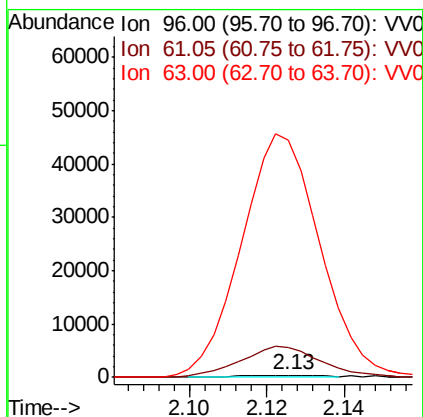
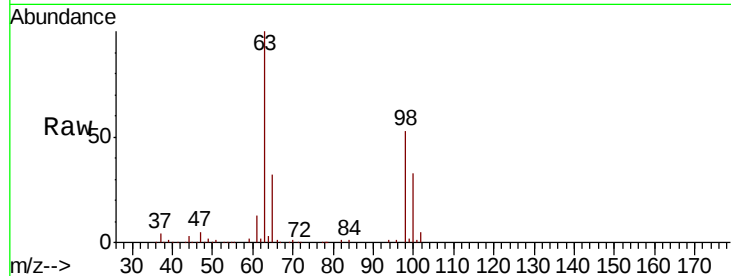
Tot Ion: 96 Resp: 587

Ion Ratio Lower Upper

96 100

61 1400.7 123.1 228.7#

63 10963.5 91.2 169.4#



#14

Carbon disulfide

Concen: 0.047 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017629.D

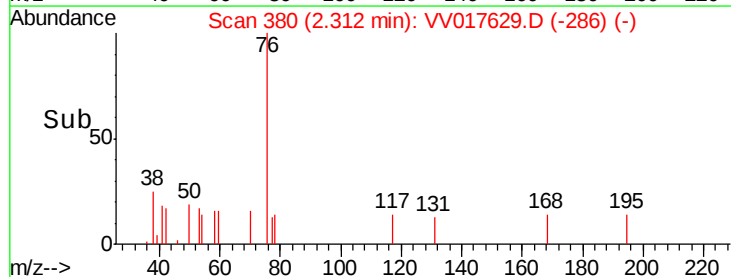
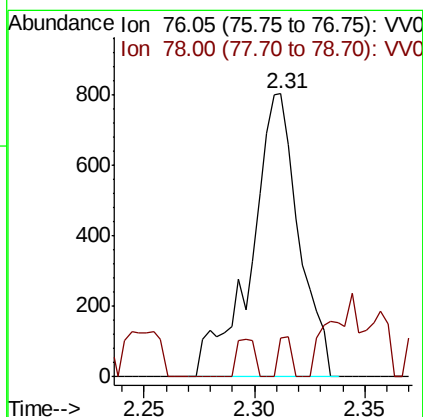
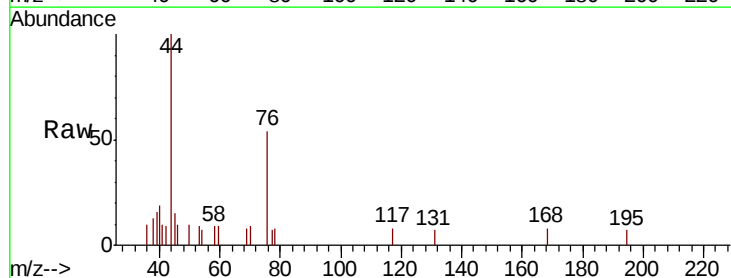
Acq: 24 Jul 2020 02:15

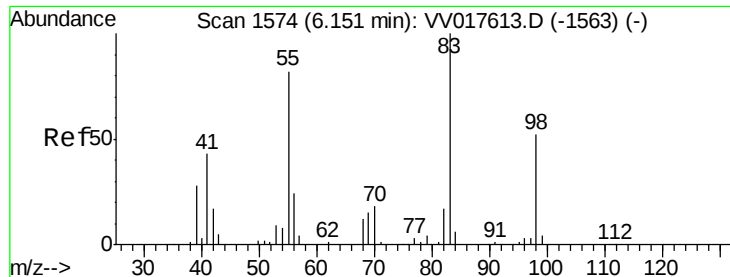
Tgt Ion: 76 Resp: 1201

Ion Ratio Lower Upper

76 100

78 13.9 6.6 10.0#

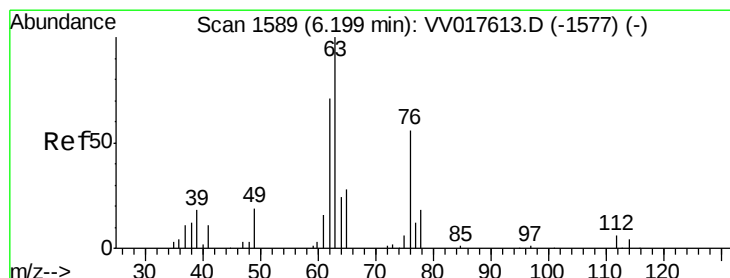
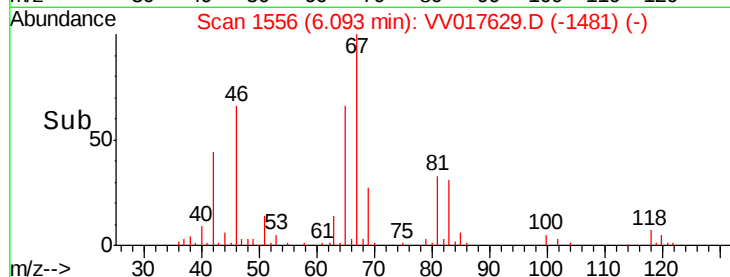
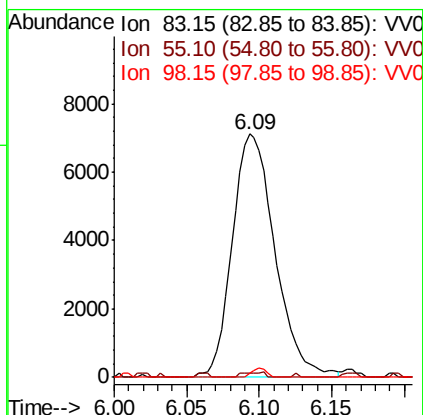
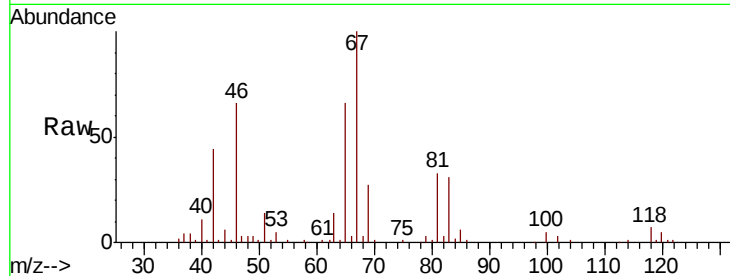




#35
Methvlcvclohexane
Concen: 0.784 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017629.D
Acq: 24 Jul 2020 02:15

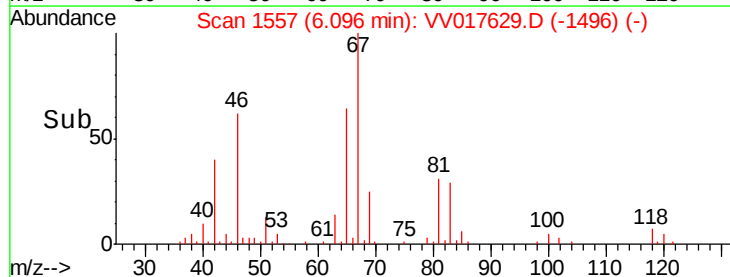
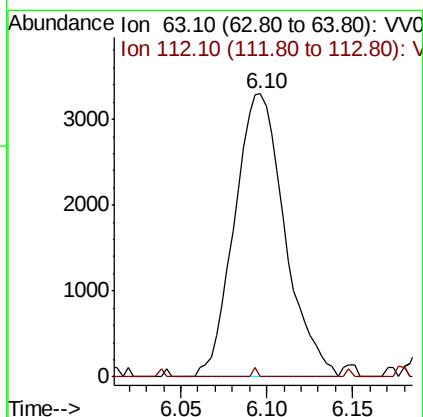
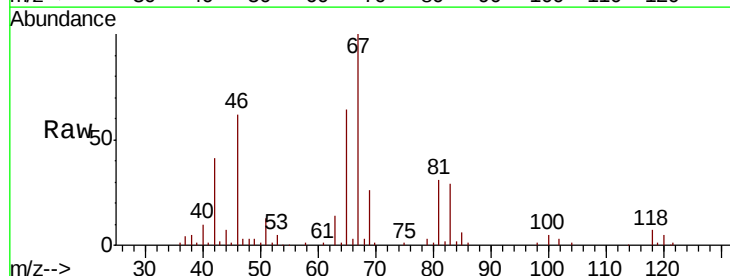
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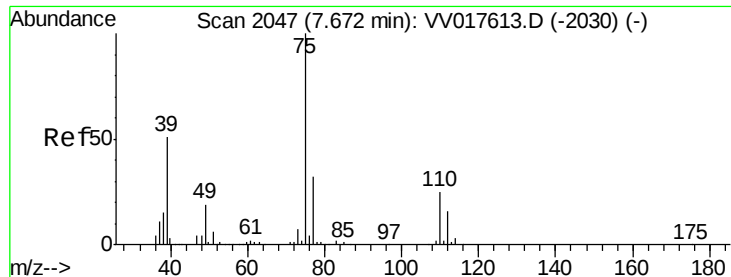
Tot Ion: 83 Resp: 14561
Ion Ratio Lower Upper
83 100
55 0.7 61.8 92.8#
98 1.2 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.647 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017629.D
Acq: 24 Jul 2020 02:15

Tgt Ion: 63 Resp: 6688
Ion Ratio Lower Upper
63 100
112 0.3 4.5 6.7#





#46

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017629.D

Acq: 24 Jul 2020 02:15

Instrument :

MSVOA_V

ClientSampled :

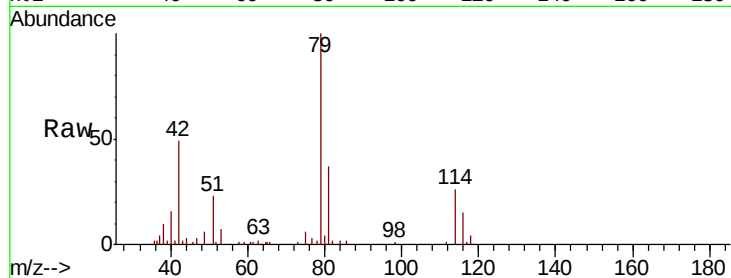
F4C46

Tot Ion: 75 Resp: 1048

Ion Ratio Lower Upper

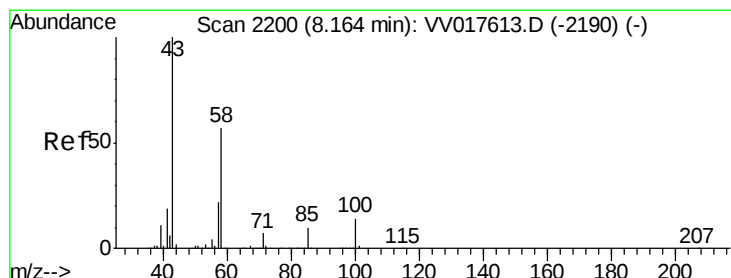
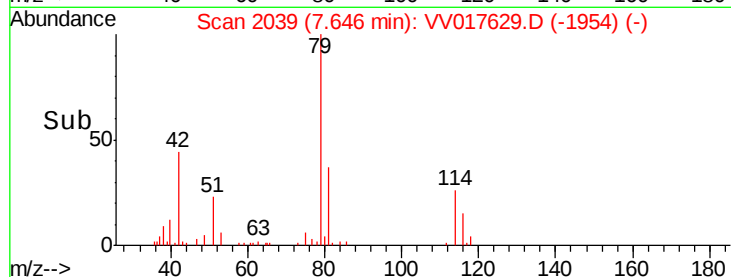
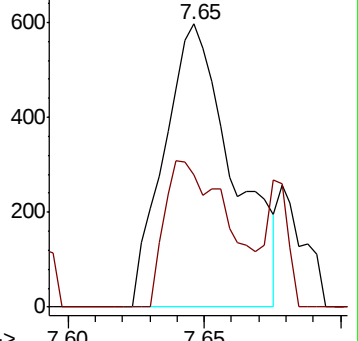
75 100

77 46.9 22.5 41.7#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 0.966 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV017629.D

Acq: 24 Jul 2020 02:15

Tgt Ion: 43 Resp: 3872

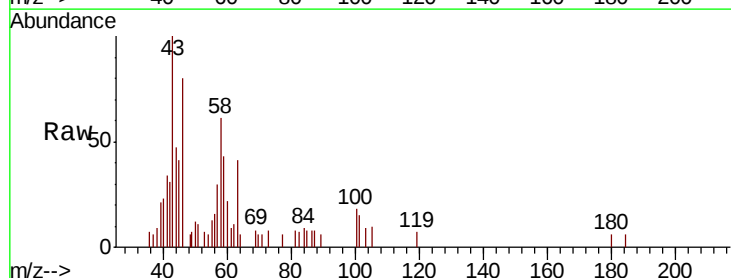
Ion Ratio Lower Upper

43 100

58 40.5 41.6 62.4#

57 23.1 15.4 23.0#

100 9.7 11.2 16.8#



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

