

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016348.D
 Acq On : 30 May 2020 06:52
 Operator : SY/MD
 Sample : L2788-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 07:15:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	74663	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	68473	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	24312	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21331	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	17412	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.12	63	31600	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.97	46	29689	24.96	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	49.92%
24) Chloroform-d	4.38	84	44210	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	25355	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
32) Benzene-d6	5.07	84	87141	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.10	67	27261	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.34	98	74463	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
45) trans-1,3-Dichloropropene-	7.65	79	7905	4.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.80%
48) 2-Hexanone-d5	8.12	63	43006	47.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.88%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	16219	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	19574	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

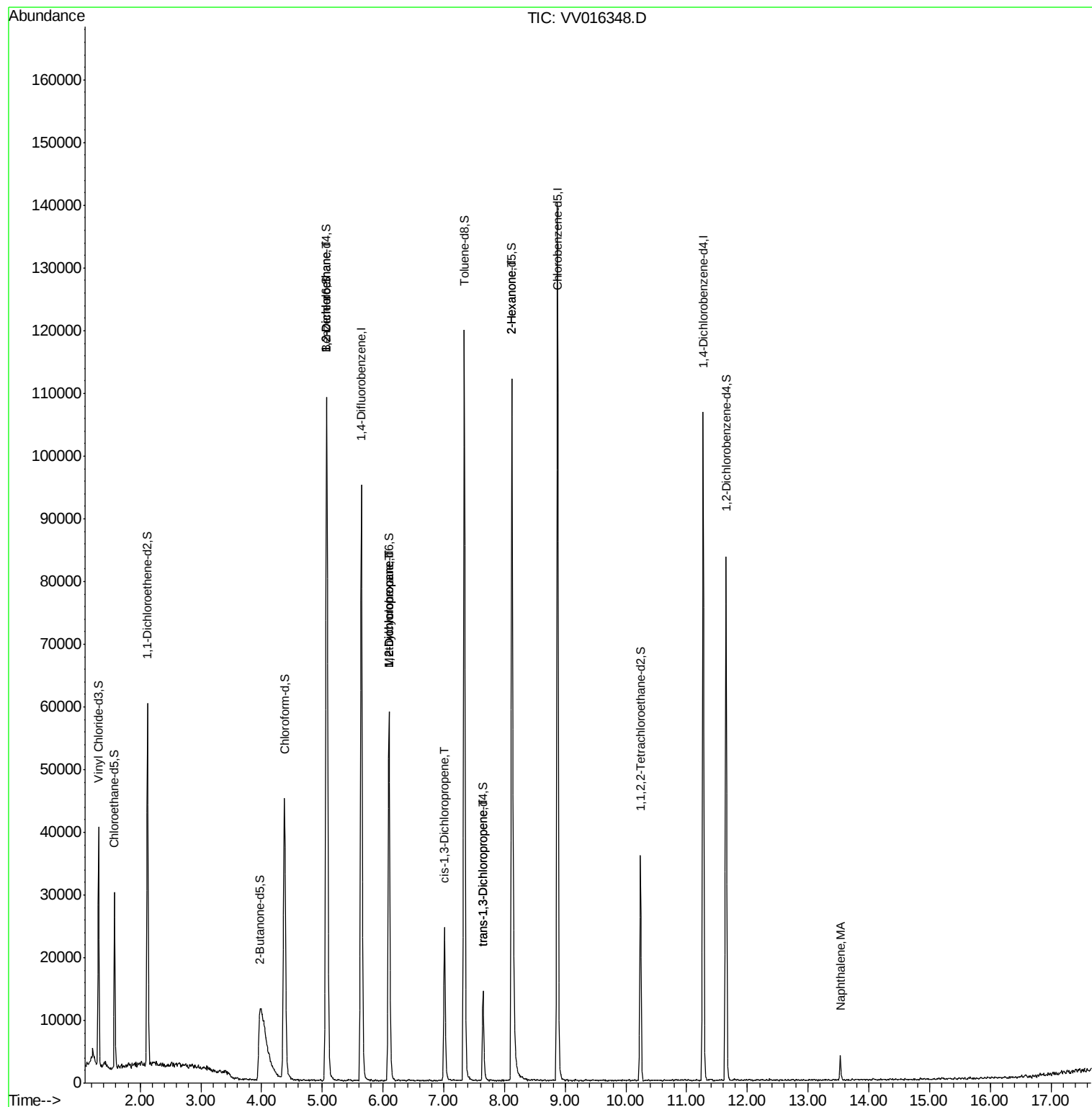
					Ovalue
27) 1,2-Dichloroethane	5.07	62	538	0.085 ug/L #	79
35) Methylcyclohexane	6.10	83	6549	0.756 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3365	0.696 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	649	0.095 ug/L #	74
46) trans-1,3-Dichloropropene	7.64	75	317	0.056 ug/L #	44
50) 2-Hexanone	8.13	43	6376	3.041 ug/L #	71
70) Naphthalene	13.53	128	3150	0.313 ug/L	97

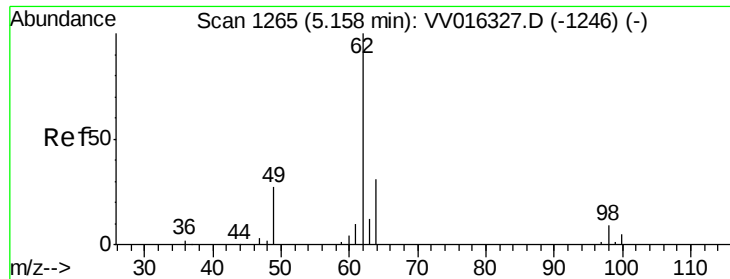
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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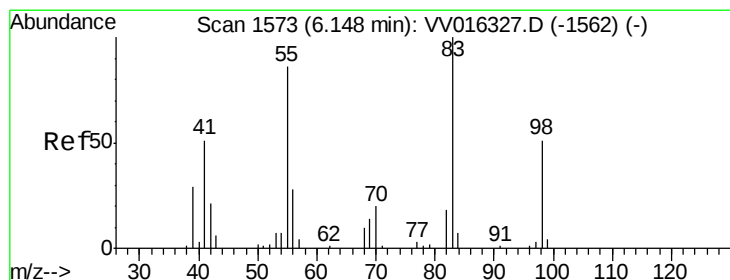
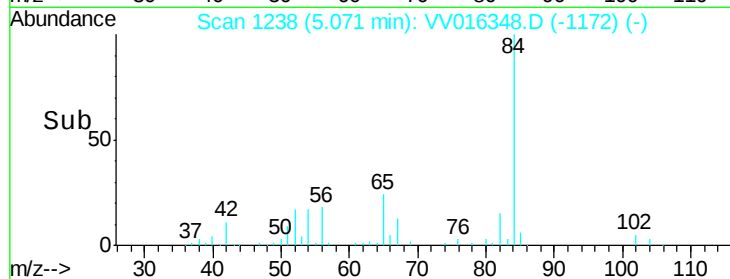
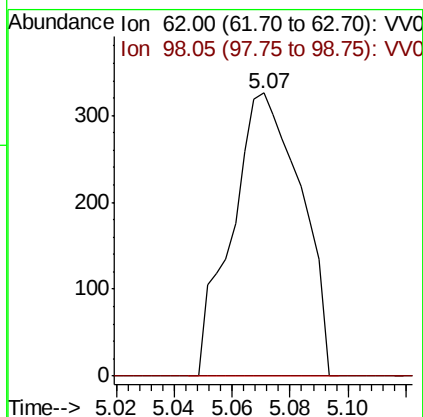
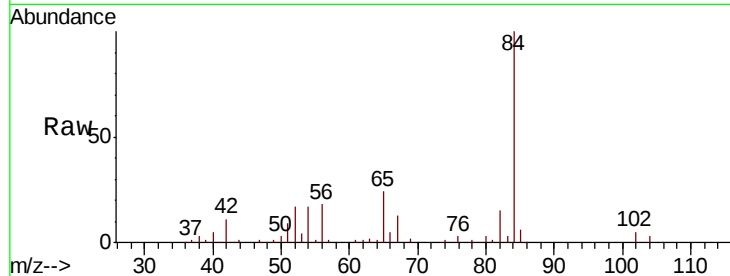




#27
 1,2-Dichloroethane
 Concen: 0.085 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.09 min
 Lab File: VV016348.D
 Acq: 30 May 2020 06:52

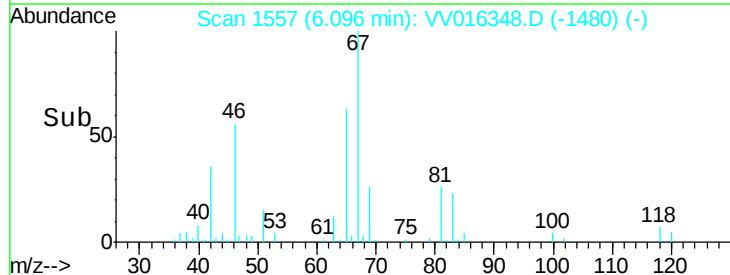
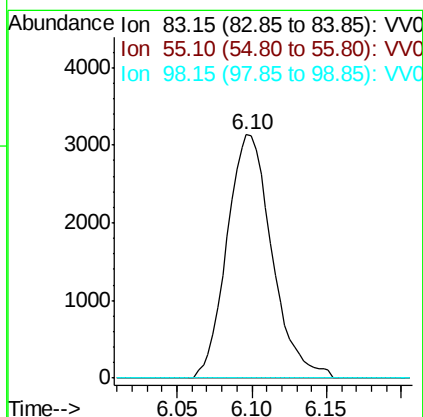
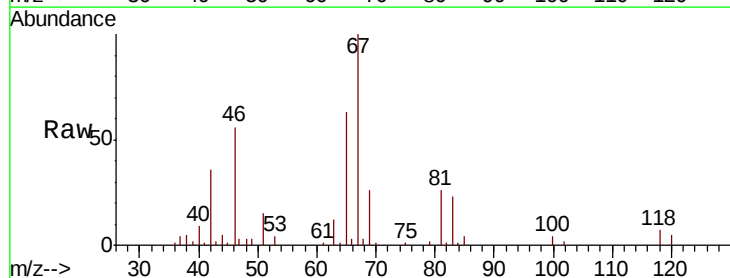
Instrument :
 MSVOA_V
 ClientSampleId :

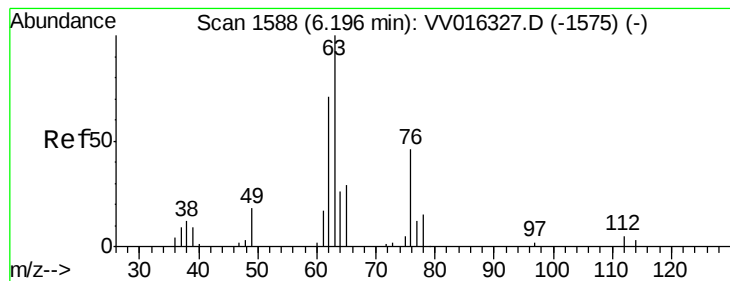
Tot Ion: 62 Resp: 538
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.756 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016348.D
 Acq: 30 May 2020 06:52

Tgt Ion: 83 Resp: 6549
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 0.0 39.3 58.9#





#37

1,2-Dichloropropane

Concen: 0.696 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016348.D

Acq: 30 May 2020 06:52

Instrument :

MSVOA_V

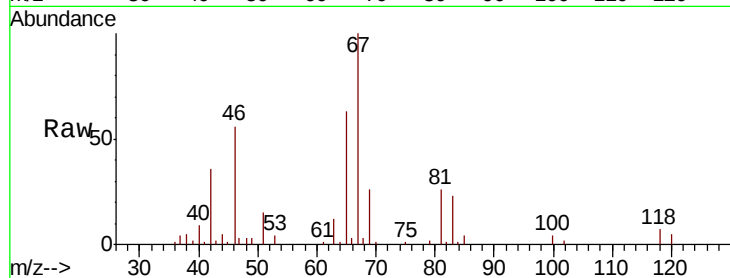
ClientSampleId :

Tot Ion: 63 Resp: 3365

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV016327.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV016327.D (-1575) (-)

6.10

1500

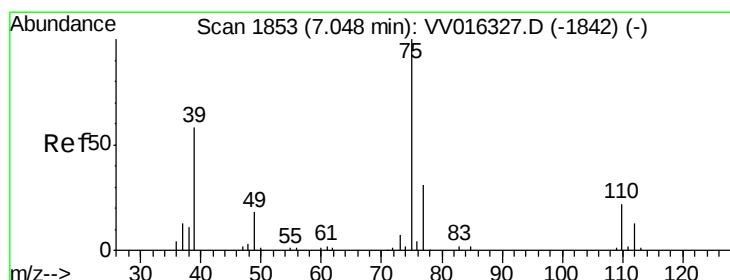
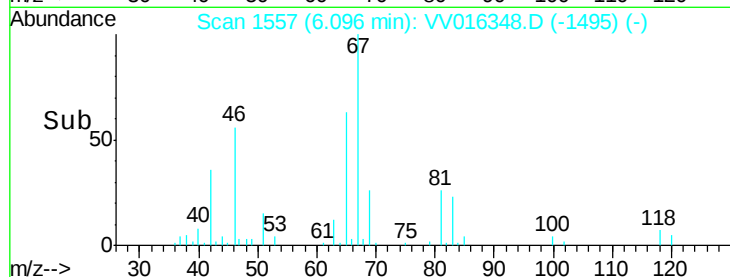
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV016348.D

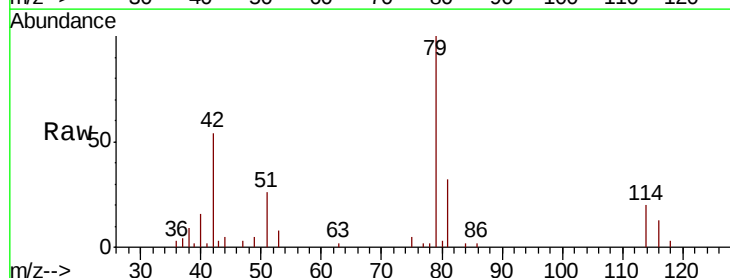
Acq: 30 May 2020 06:52

Tgt Ion: 75 Resp: 649

Ion Ratio Lower Upper

75 100

77 45.5 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV016327.D (-1842) (-)

Ion 77.05 (76.75 to 77.75): VV016327.D (-1842) (-)

7.01

400

300

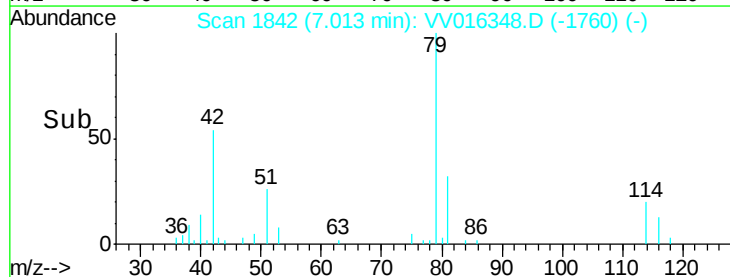
200

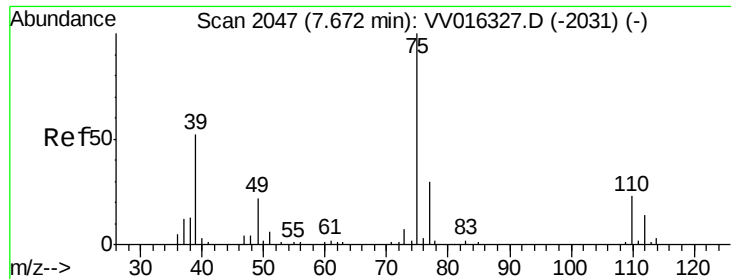
100

0

6.98 7.00 7.02 7.04 7.06

Time-->





#46

trans-1,3-Dichloropropene

Concen: 0.056 ug/L

RT: 7.64 min Scan# 2037

Delta R.T. -0.03 min

Lab File: VV016348.D

Acq: 30 May 2020 06:52

Instrument :

MSVOA_V

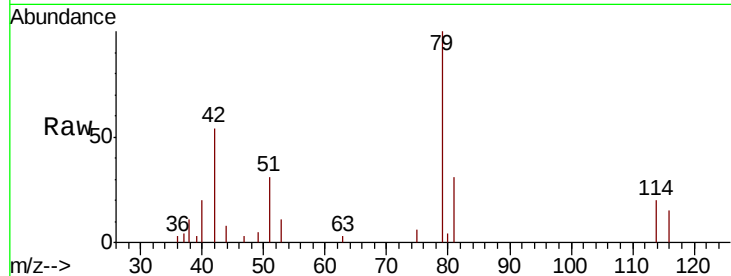
ClientSampleId :

Tot Ion: 75 Resp: 317

Ion Ratio Lower Upper

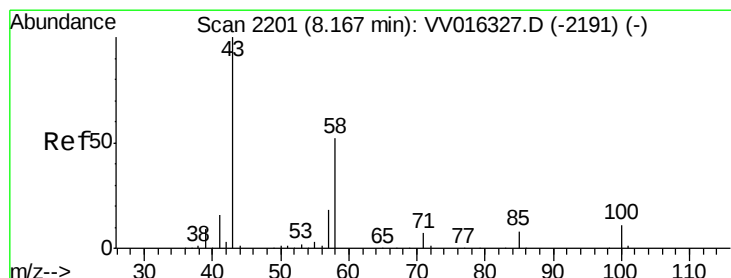
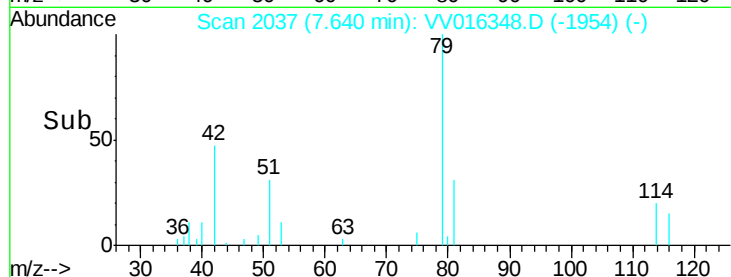
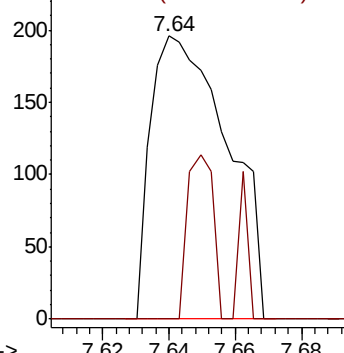
75 100

77 0.0 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#50

2-Hexanone

Concen: 3.041 ug/L

RT: 8.13 min Scan# 2188

Delta R.T. -0.04 min

Lab File: VV016348.D

Acq: 30 May 2020 06:52

Tgt Ion: 43 Resp: 6376

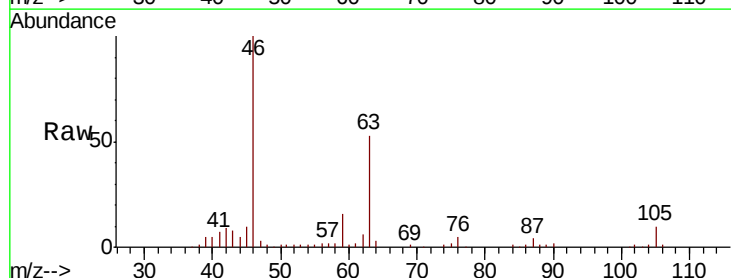
Ion Ratio Lower Upper

43 100

58 27.7 41.4 62.0#

57 25.8 15.0 22.4#

100 0.9 9.0 13.4#

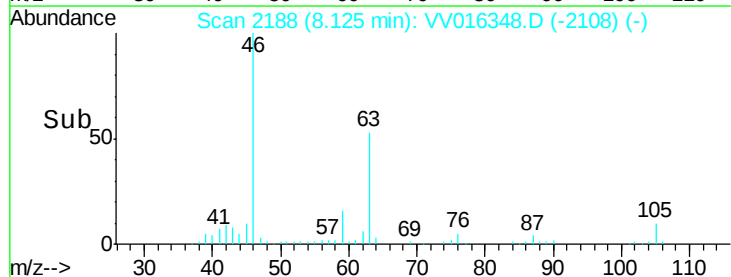
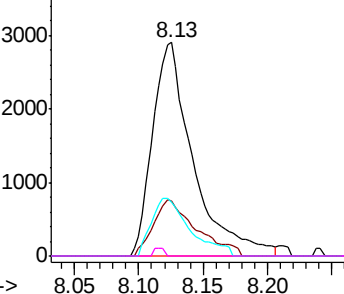


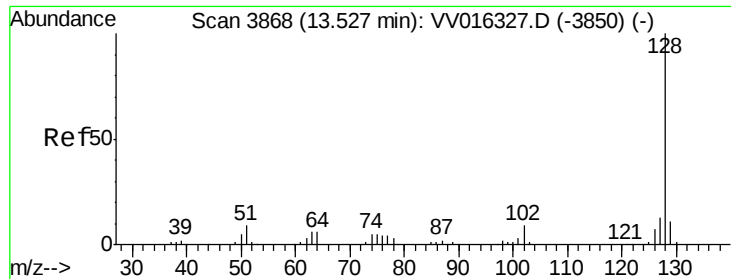
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#70

Naphthalene

Concen: 0.313 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016348.D

Acq: 30 May 2020 06:52

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ClientSampleId :

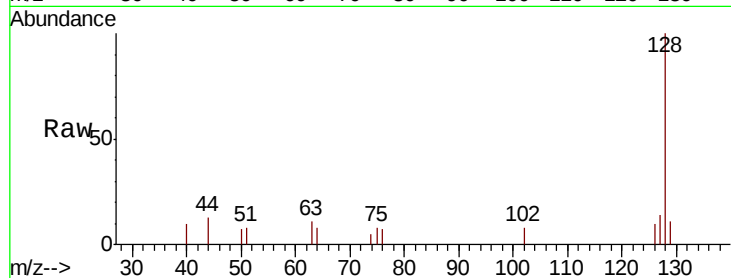
Tot Ion:128 Resp: 3150

Ion Ratio Lower Upper

128 100

129 8.7 8.6 13.0

127 13.9 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

