

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016266.D
 Acq On : 28 May 2020 10:44
 Operator : SY/MD
 Sample : VV0528WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:12:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	89263	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86524	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38588	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24368	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.58	69	22610	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.12	63	35256	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.95	46	74904	52.67	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.34%
24) Chloroform-d	4.38	84	51738	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	28938	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.07	84	102675	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
36) 1,2-Dichloropropane-d6	6.10	67	31333	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.34	98	90324	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
45) trans-1,3-Dichloropropene-	7.65	79	9776	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
48) 2-Hexanone-d5	8.12	63	52731	46.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22045	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	32918	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

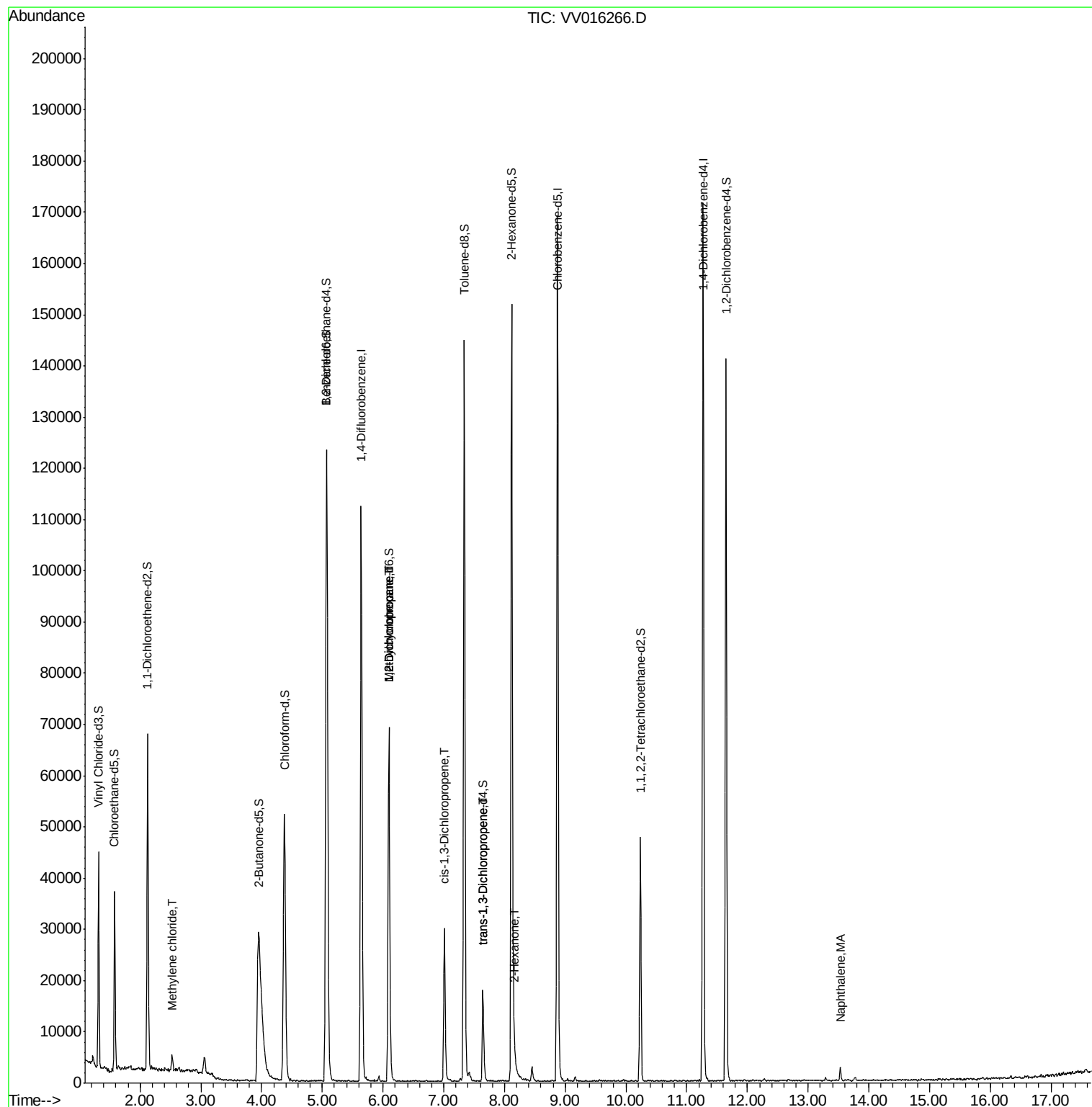
					Ovalue
16) Methylene chloride	2.53	84	1058	0.175 ug/L	97
35) Methylcyclohexane	6.10	83	7321	0.669 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4091	0.670 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	1000	0.116 ug/L	88
46) trans-1,3-Dichloropropene	7.65	75	513	0.071 ug/L #	81
50) 2-Hexanone	8.17	43	1269	0.479 ug/L #	91
70) Naphthalene	13.53	128	2308	0.144 ug/L #	96

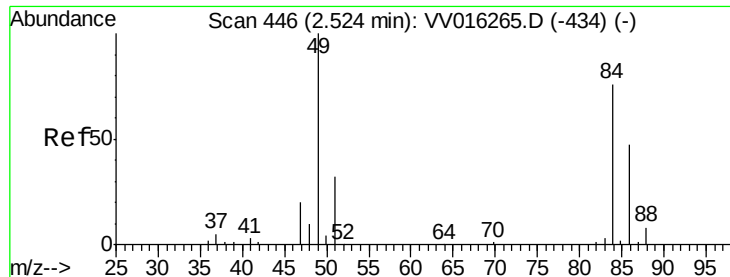
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 29 01:10:53 2020
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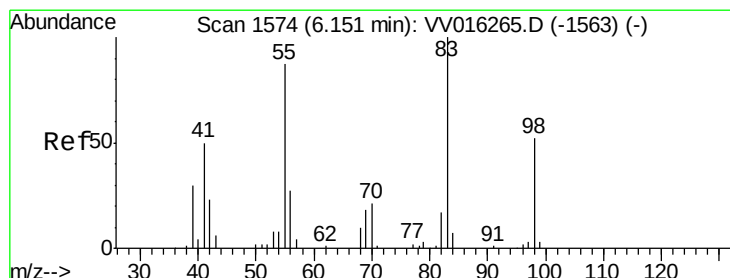
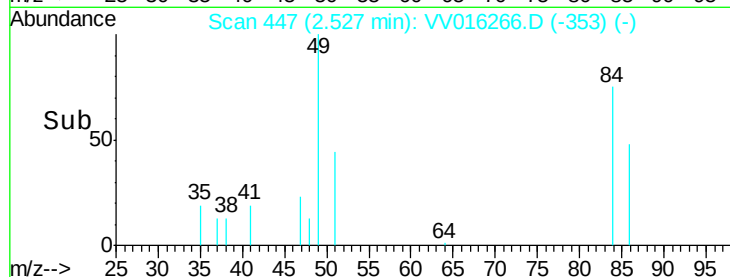
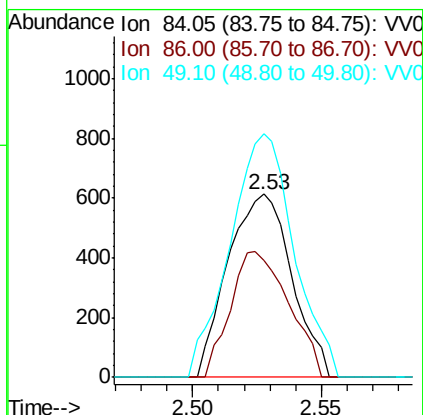
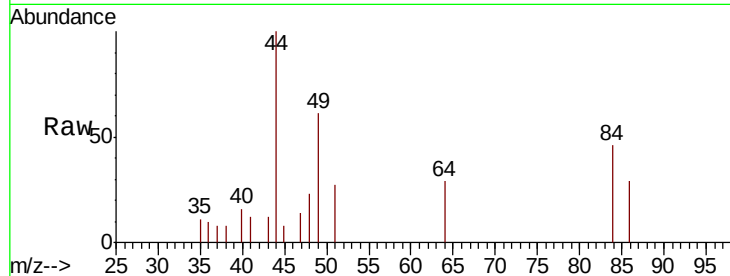




#16
Methylene chloride
Concen: 0.175 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016266.D
Acq: 28 May 2020 10:44

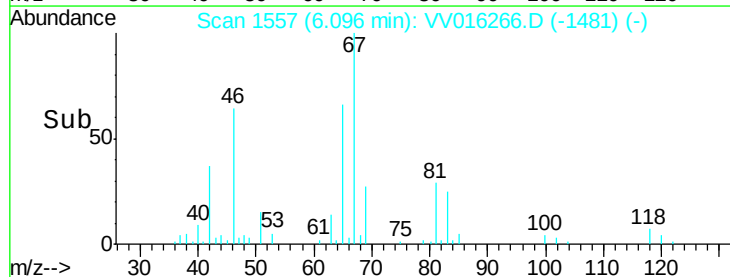
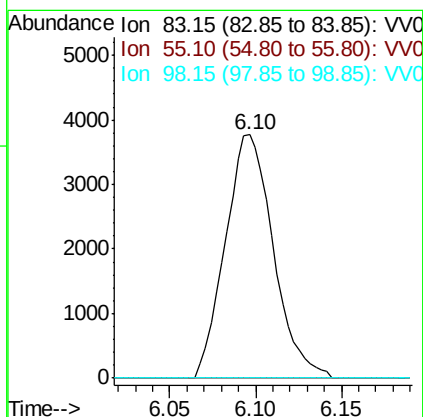
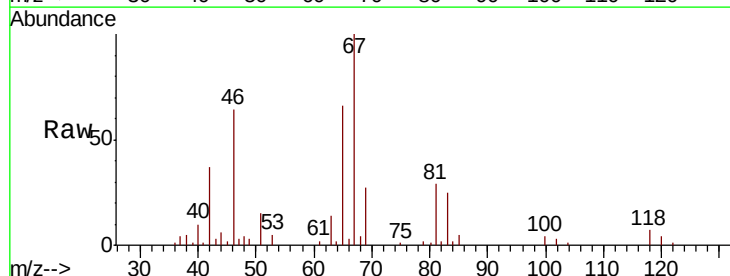
Instrument :
MSVOA_V
ClientSampleId :

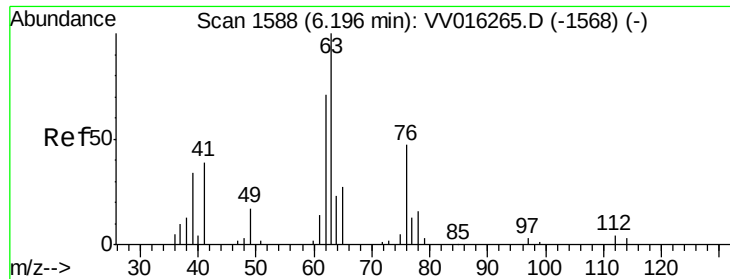
Tot Ion: 84 Resp: 1058
Ion Ratio Lower Upper
84 100
86 63.6 44.9 83.5
49 133.1 96.7 179.7



#35
Methylcyclohexane
Concen: 0.669 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016266.D
Acq: 28 May 2020 10:44

Tgt Ion: 83 Resp: 7321
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#

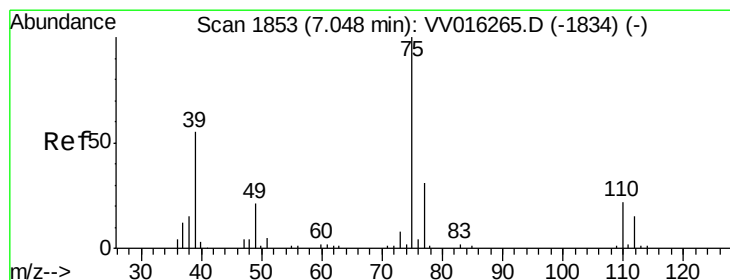
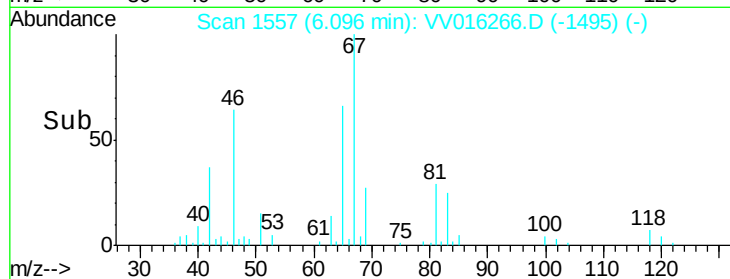
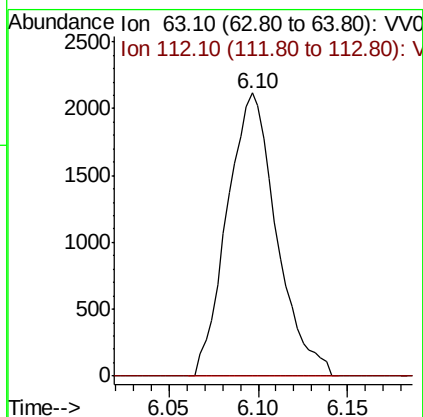
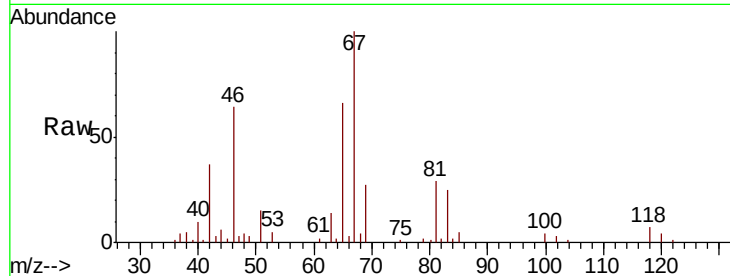




#37
 1,2-Dichloropropane
 Concen: 0.670 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016266.D
 Acq: 28 May 2020 10:44

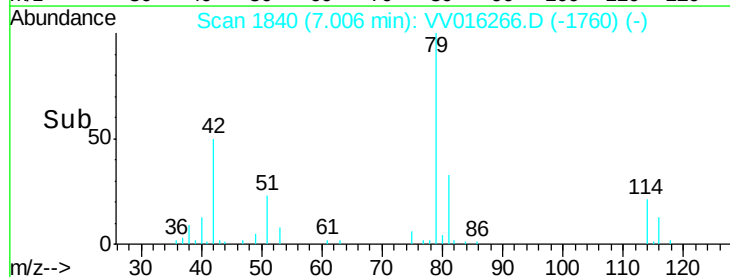
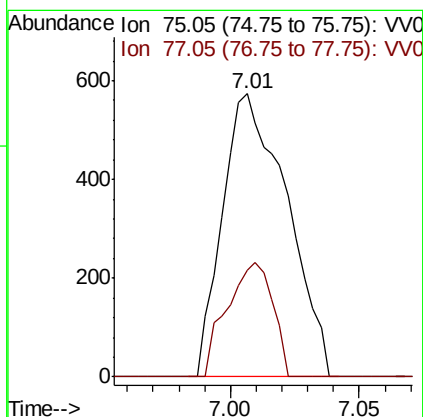
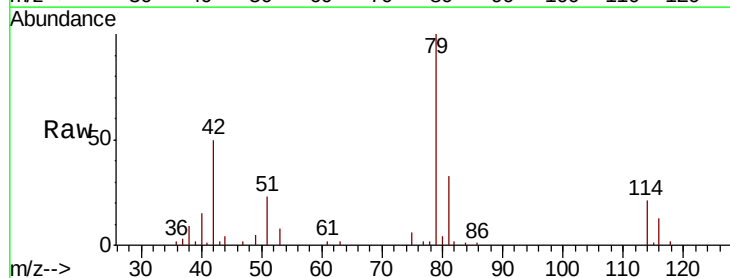
Instrument :
 MSVOA_V
 ClientSampled :

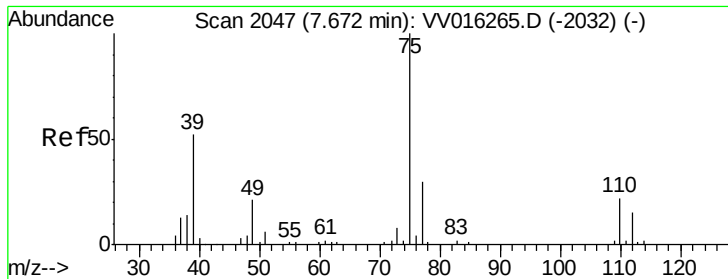
Tot Ion: 63 Resp: 4091
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.116 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016266.D
 Acq: 28 May 2020 10:44

Tgt Ion: 75 Resp: 1000
 Ion Ratio Lower Upper
 75 100
 77 37.7 21.7 40.3





#46

trans-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV016266.D

Acq: 28 May 2020 10:44

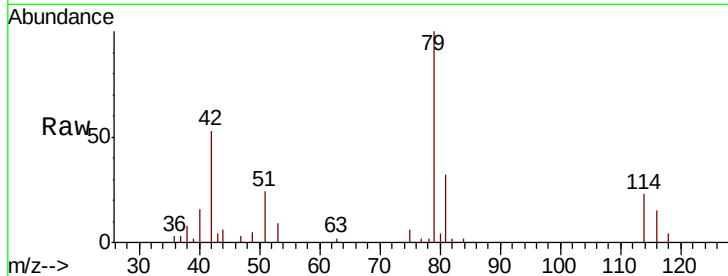
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 513

Ion Ratio Lower Upper

75 100

77 41.2 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.65

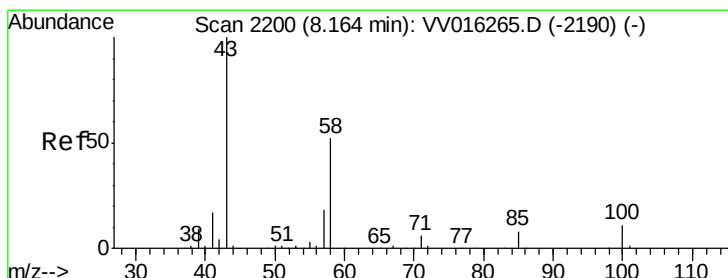
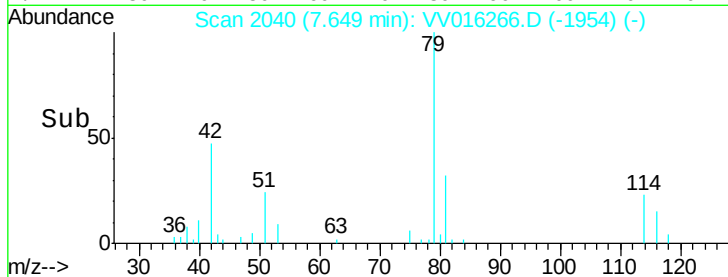
300

200

100

0

Time-->



#50

2-Hexanone

Concen: 0.479 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.00 min

Lab File: VV016266.D

Acq: 28 May 2020 10:44

Tgt Ion: 43 Resp: 1269

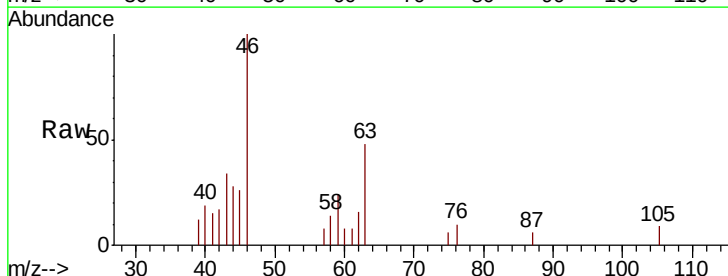
Ion Ratio Lower Upper

43 100

58 50.7 41.4 62.0

57 10.9 15.0 22.4#

100 0.0 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

2000

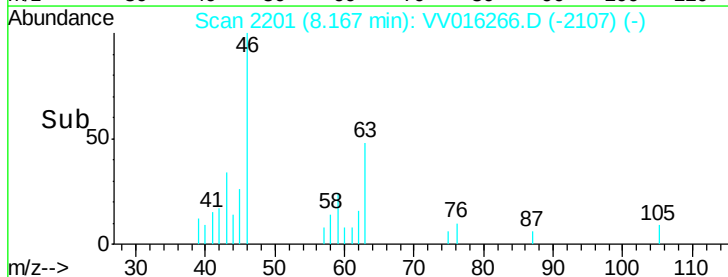
1500

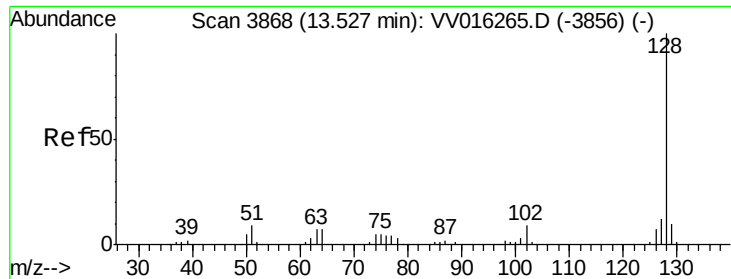
1000

500

0

Time-->





#70

Naphthalene

Concen: 0.144 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016266.D

Acq: 28 May 2020 10:44

Instrument :

MSVOA_V

ClientSampleId :

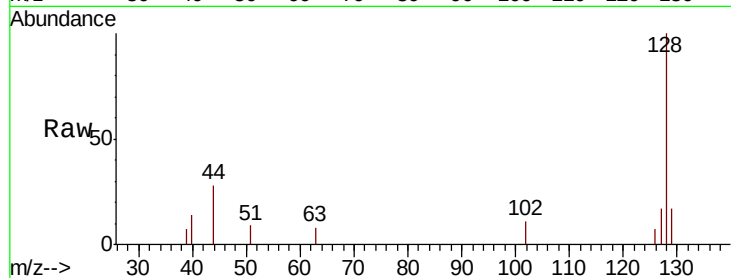
Tot Ion:128 Resp: 2308

Ion Ratio Lower Upper

128 100

129 13.7 8.6 13.0#

127 13.1 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

