

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016369.D
 Acq On : 30 May 2020 19:01
 Operator : SY/MD
 Sample : L2826-07DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:14:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	84610	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81377	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36896	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34048	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.58	69	26458	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	47362	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	3.94	46	84497	52.87	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.74%
24) Chloroform-d	4.38	84	59373	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.06	65	33254	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.08	84	117873	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
36) 1,2-Dichloropropane-d6	6.10	67	36060	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.34	98	105598	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
45) trans-1,3-Dichloropropene-	7.64	79	12415	4.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.40%
48) 2-Hexanone-d5	8.11	63	65845	54.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.90%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25436	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	36260	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

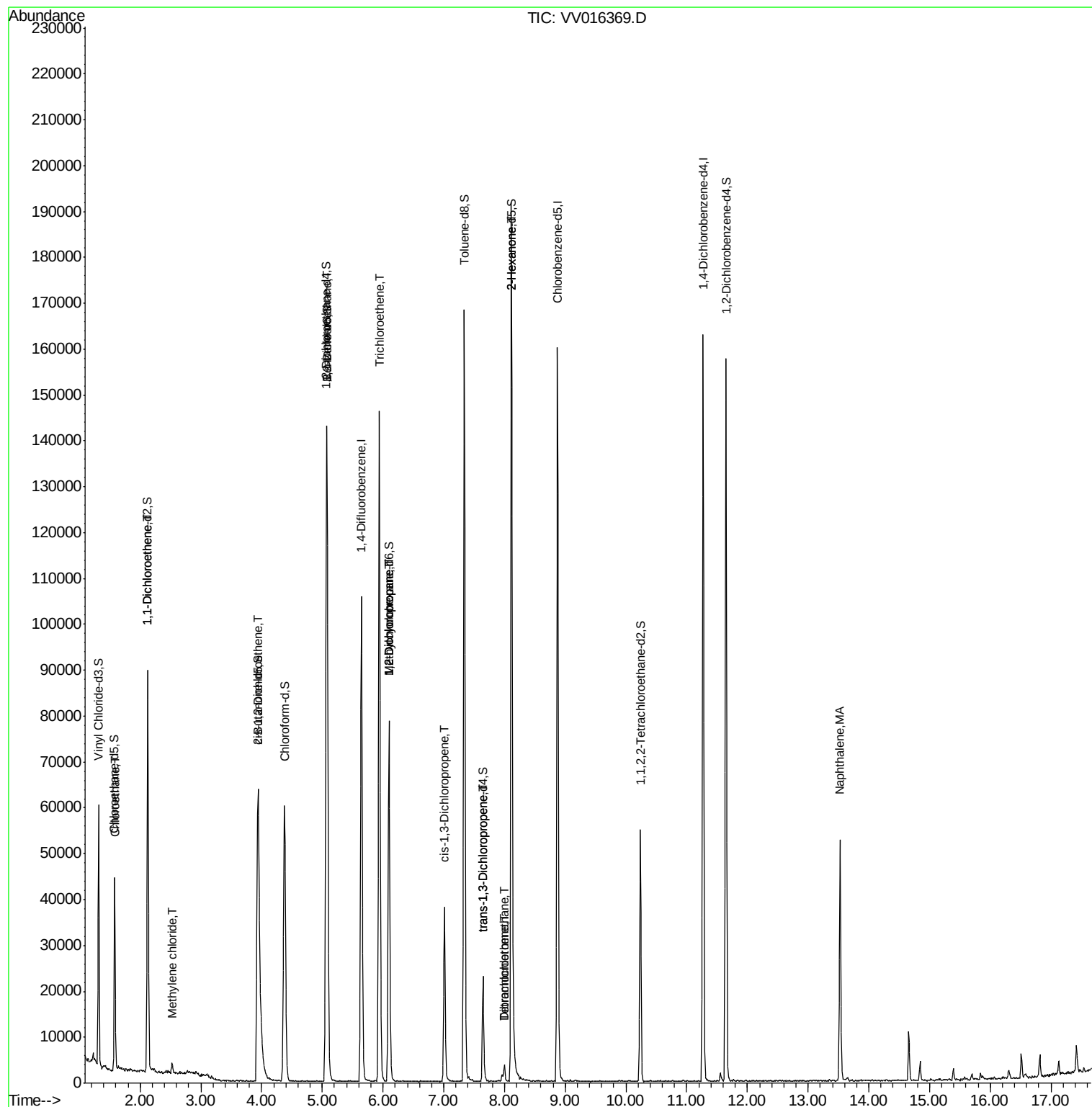
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.59	64	1388	0.305	ug/L #	41
12) 1,1-Dichloroethene	2.12	96	580	0.107	ug/L #	1
16) Methylene chloride	2.53	84	777	0.133	ug/L	85
22) cis-1,2-Dichloroethene	3.94	96	14086	2.208	ug/L	90
27) 1,2-Dichloroethane	5.07	62	772	0.102	ug/L #	76
34) Trichloroethene	5.94	95	50031	7.920	ug/L	94
35) Methylcyclohexane	6.10	83	8561	0.841	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4321	0.709	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	975	0.121	ug/L	100
46) trans-1,3-Dichloropropene	7.64	75	527	0.079	ug/L #	56
49) Tetrachloroethene	8.00	164	701	0.151	ug/L	91
50) 2-Hexanone	8.11	43	8878	3.460	ug/L #	70
51) Dibromochloromethane	8.00	129	629	0.154	ug/L #	9
70) Naphthalene	13.53	128	40827	2.427	ug/L	99

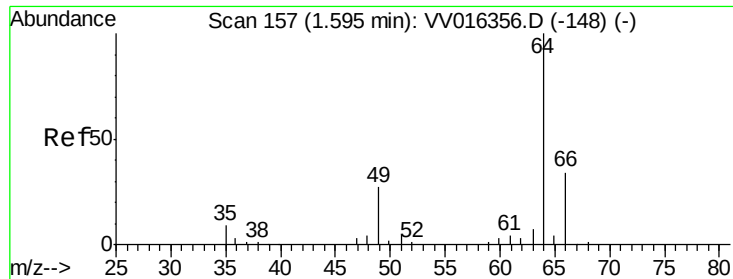
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.305 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.00 min

Lab File: VV016369.D

Acq: 30 May 2020 19:01

Instrument :

MSVOA_V

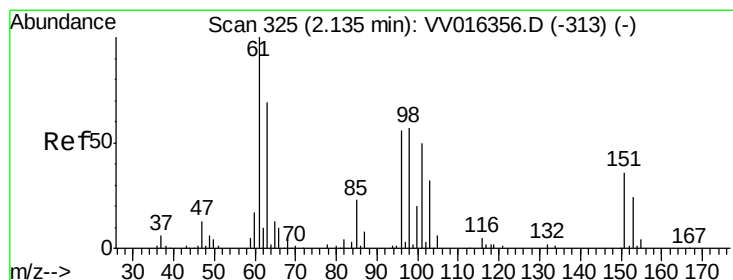
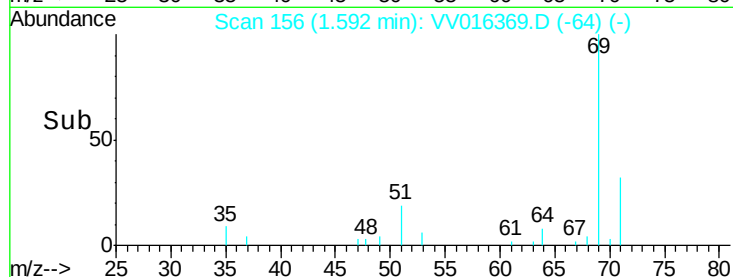
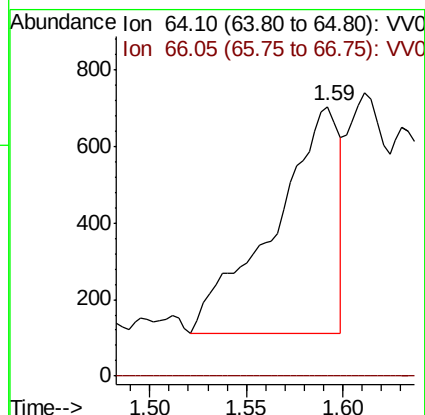
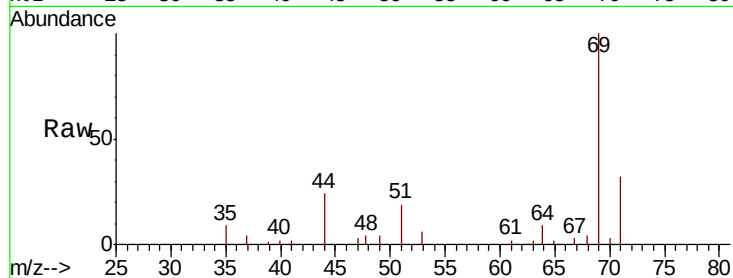
ClientSampleId :

Tot Ion: 64 Resp: 1388

Ion Ratio Lower Upper

64 100

66 0.0 23.4 43.6#



#12

1,1-Dichloroethene

Concen: 0.107 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016369.D

Acq: 30 May 2020 19:01

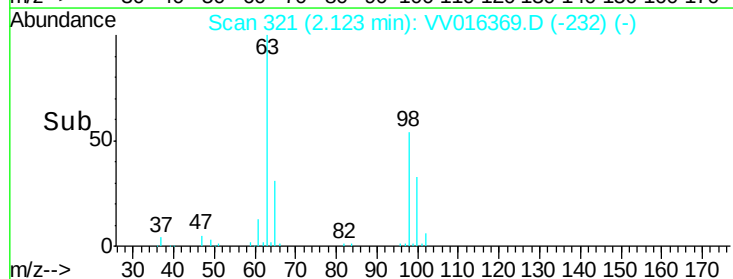
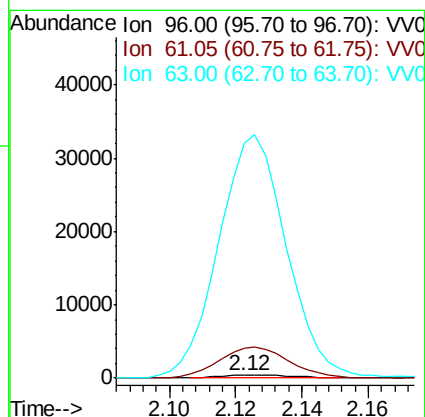
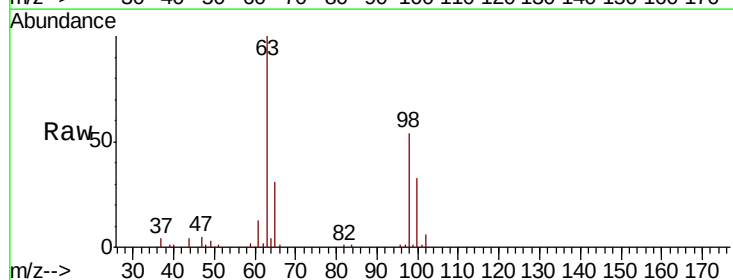
Tgt Ion: 96 Resp: 580

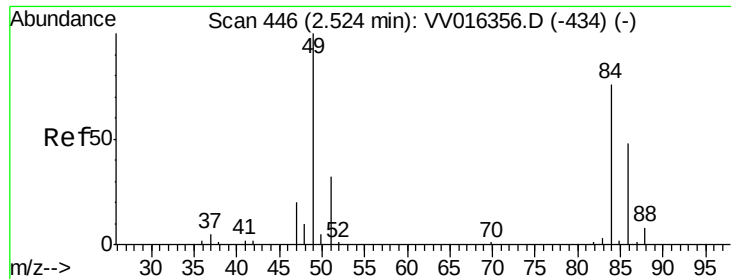
Ion Ratio Lower Upper

96 100

61 1186.4 125.4 233.0#

63 9276.3 88.2 163.8#

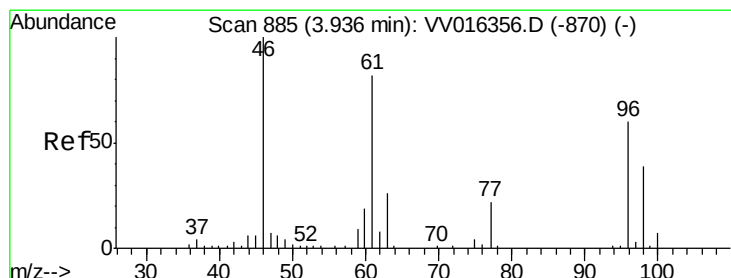
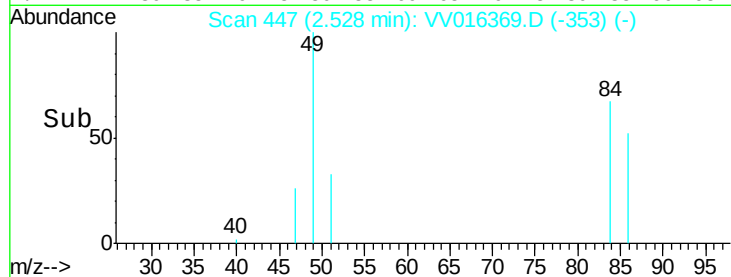
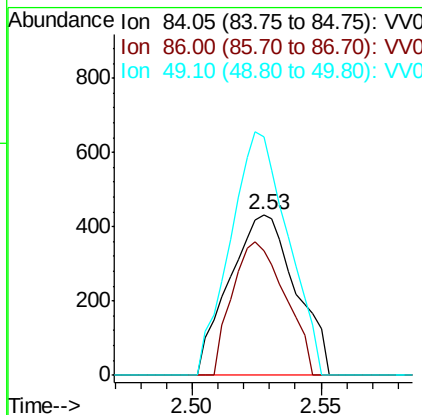
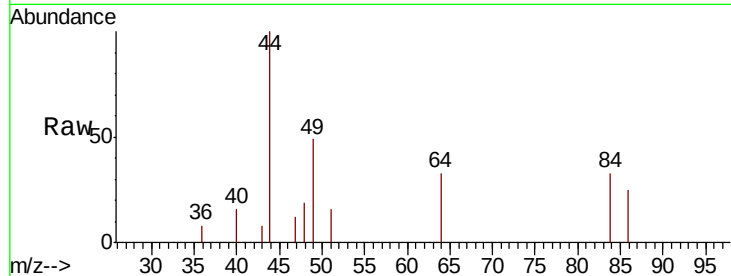




#16
Methylene chloride
Concen: 0.133 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016369.D
Acq: 30 May 2020 19:01

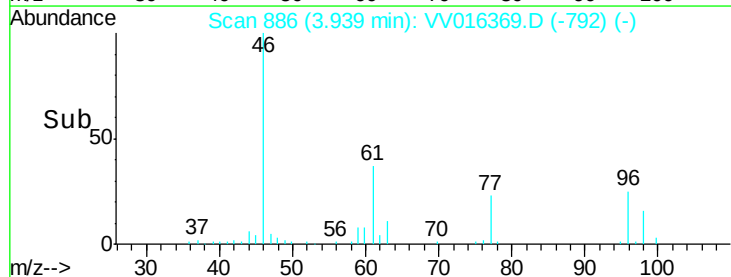
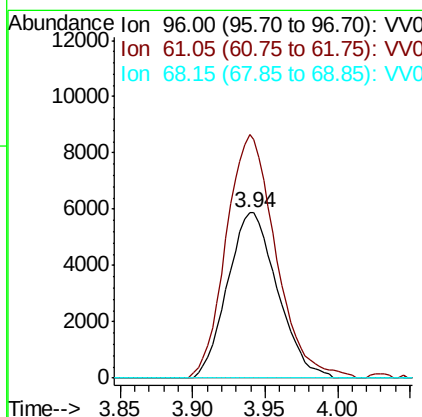
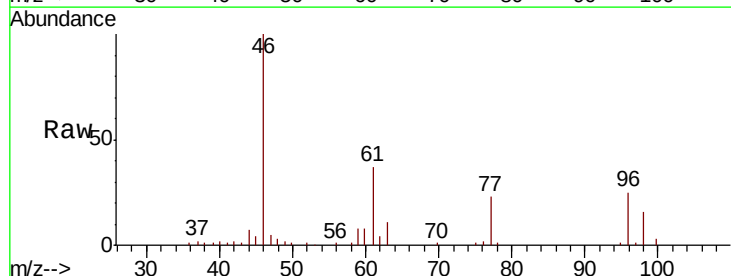
Instrument :
MSVOA_V
ClientSampled :

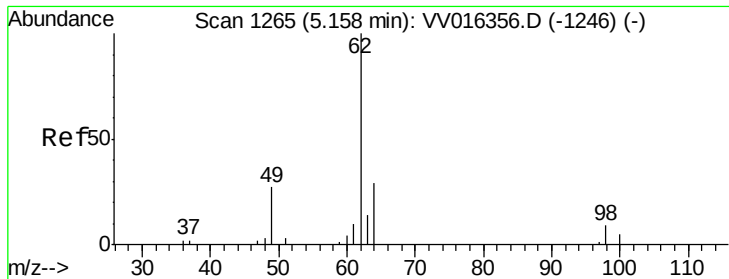
Tot Ion: 84 Resp: 777
Ion Ratio Lower Upper
84 100
86 77.4 44.5 82.7
49 148.3 92.3 171.3



#22
cis-1,2-Dichloroethene
Concen: 2.208 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV016369.D
Acq: 30 May 2020 19:01

Tgt Ion: 96 Resp: 14086
Ion Ratio Lower Upper
96 100
61 147.2 94.8 176.0
68 0.0 0.0 0.0

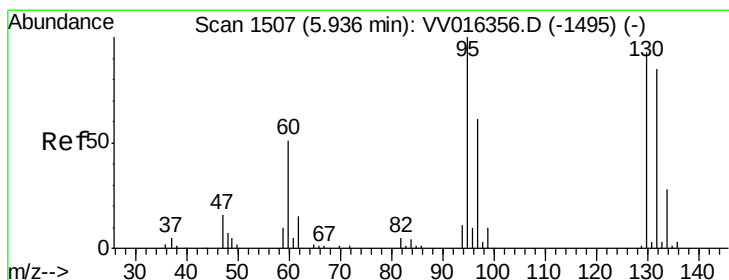
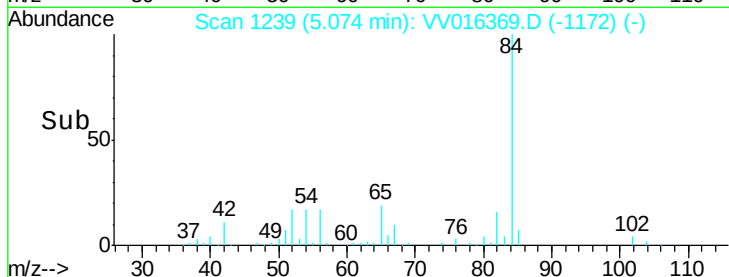
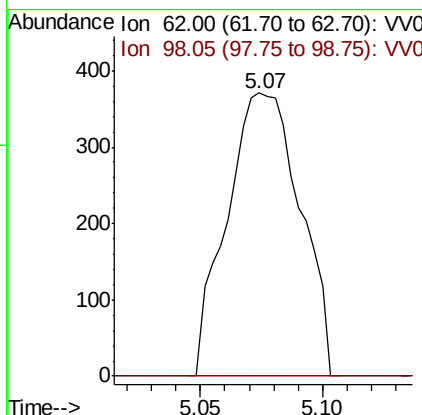
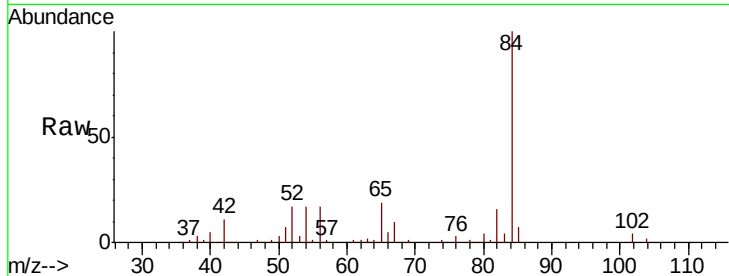




#27
 1,2-Dichloroethane
 Concen: 0.102 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV016369.D
 Acq: 30 May 2020 19:01

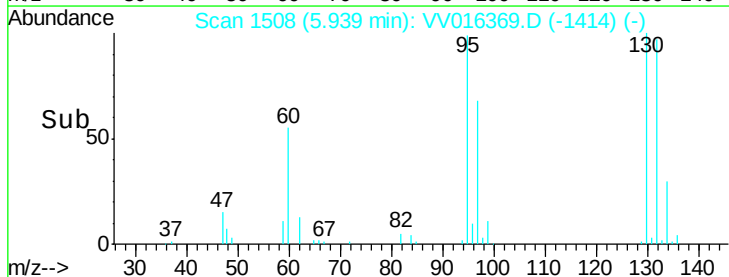
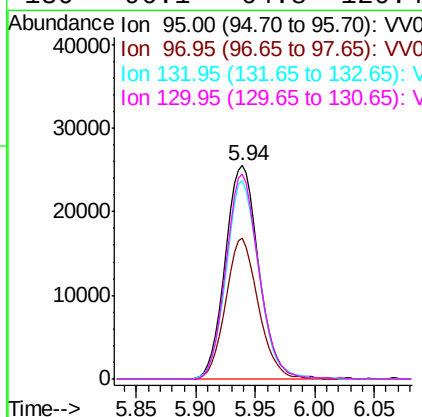
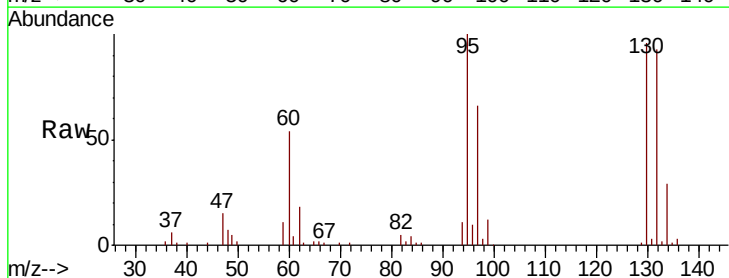
Instrument :
 MSVOA_V
 ClientSampleId :

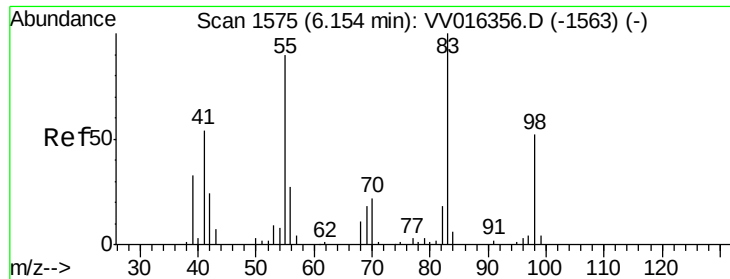
Tot Ion: 62 Resp: 772
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.0 10.4#



#34
 Trichloroethene
 Concen: 7.920 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV016369.D
 Acq: 30 May 2020 19:01

Tgt Ion: 95 Resp: 50031
 Ion Ratio Lower Upper
 95 100
 97 65.7 42.6 79.0
 132 92.9 59.6 110.8
 130 96.1 64.8 120.4

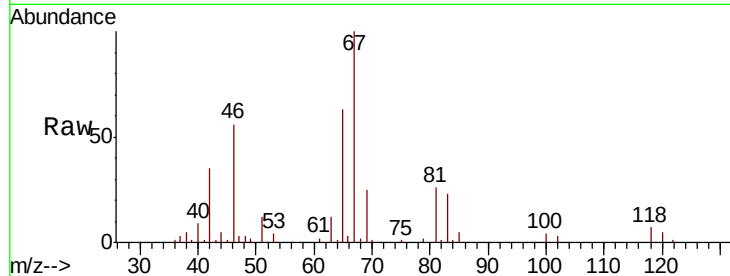




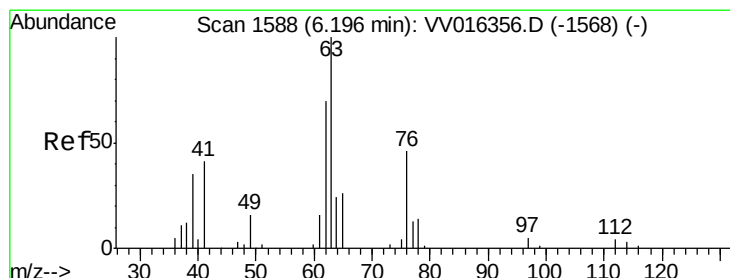
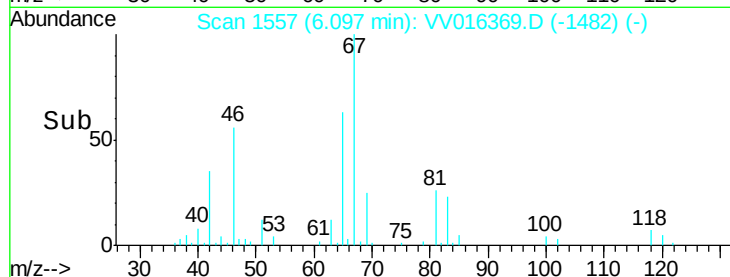
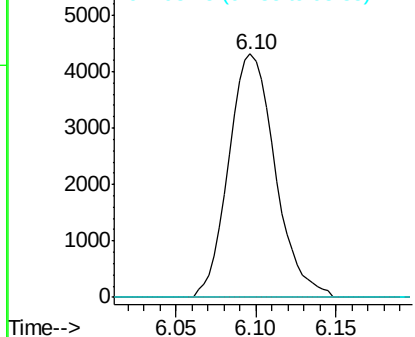
#35
Methylvlcyclohexane
Concen: 0.841 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016369.D
Acq: 30 May 2020 19:01

Instrument :
MSVOA_V
ClientSampled :

Tot Ion	83	Resp	8561
Ion Ratio	Lower	Upper	
83	100		
55	0.0	67.0	100.4#
98	0.6	39.0	58.4#

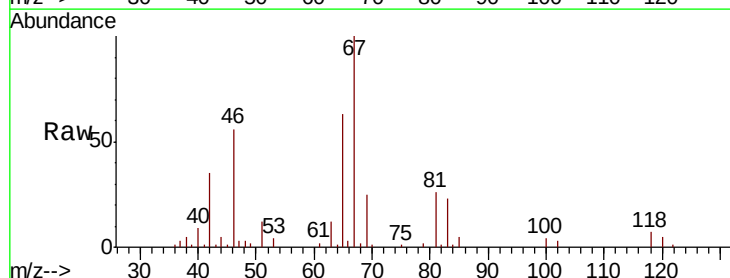


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

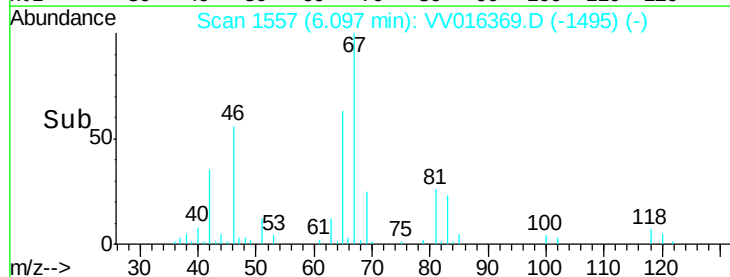
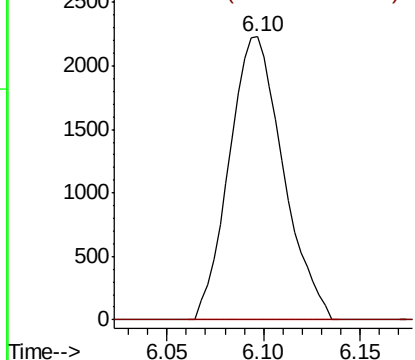


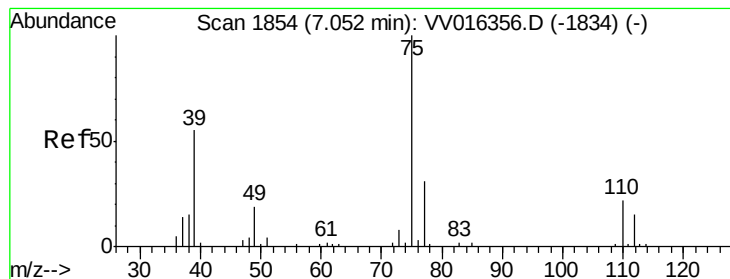
#37
1,2-Dichloropropane
Concen: 0.709 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016369.D
Acq: 30 May 2020 19:01

Tgt Ion	63	Resp	4321
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.4	5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



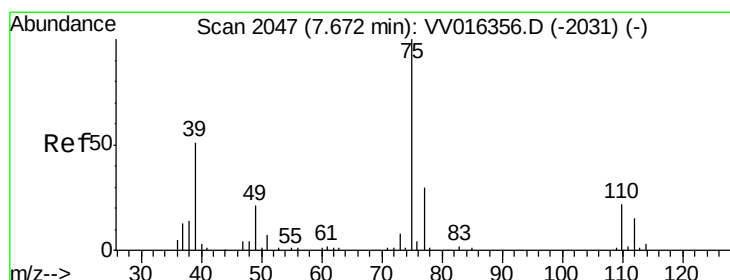
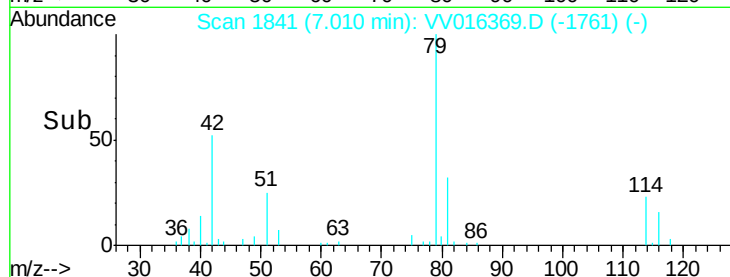
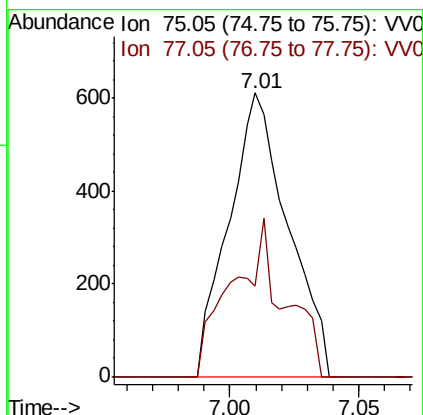
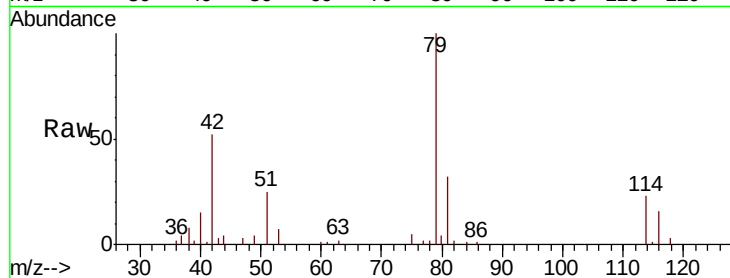


#39

cis-1,3-Dichloropropene
 Concen: 0.121 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016369.D
 Acq: 30 May 2020 19:01

Instrument :
 MSVOA_V
 ClientSampleId :

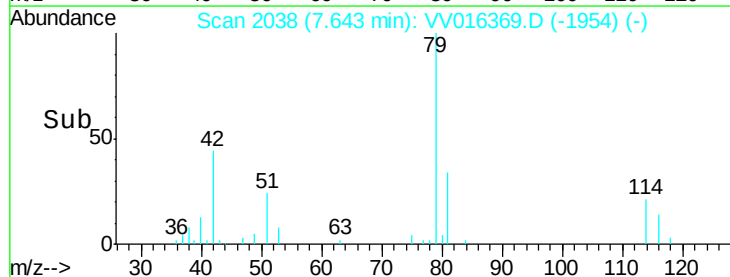
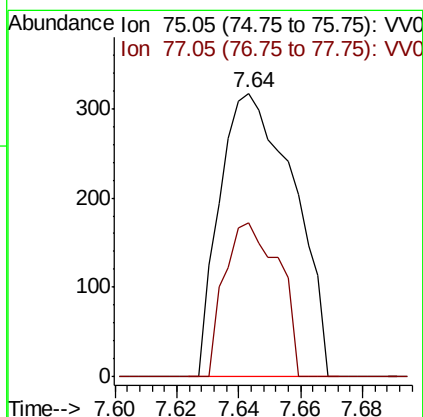
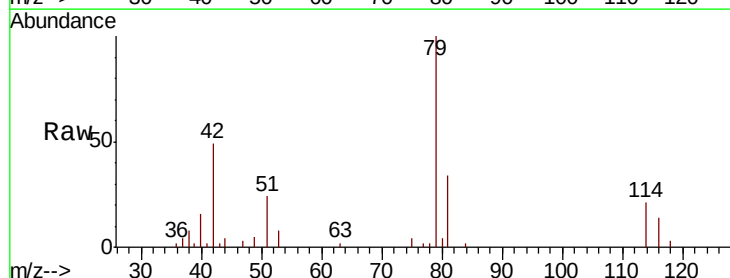
Tot Ion: 75 Resp: 975
 Ion Ratio Lower Upper
 75 100
 77 31.8 22.0 41.0

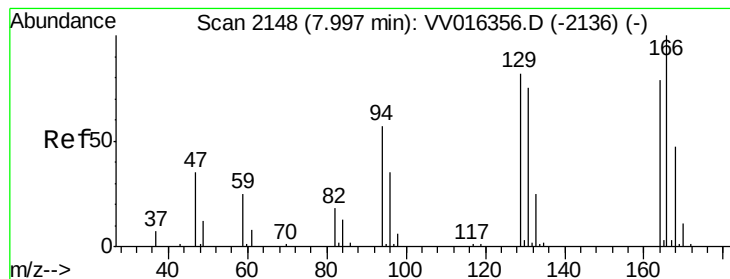


#46

trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016369.D
 Acq: 30 May 2020 19:01

Tgt Ion: 75 Resp: 527
 Ion Ratio Lower Upper
 75 100
 77 54.3 21.1 39.3#





#49

Tetrachloroethene

Concen: 0.151 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016369.D

Acq: 30 May 2020 19:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 701

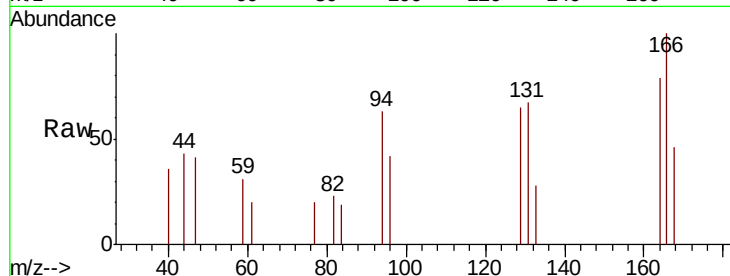
Ion Ratio Lower Upper

164 100

129 83.0 72.2 134.0

131 85.0 65.8 122.2

166 127.2 88.3 163.9

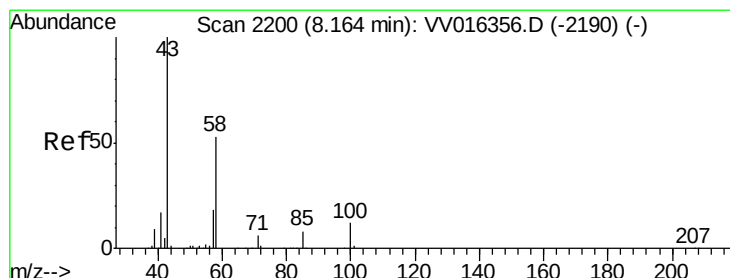
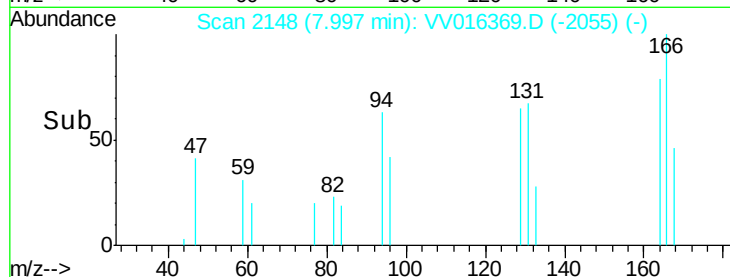
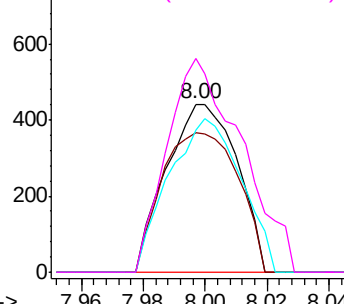


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 3.460 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV016369.D

Acq: 30 May 2020 19:01

Tgt Ion: 43 Resp: 8878

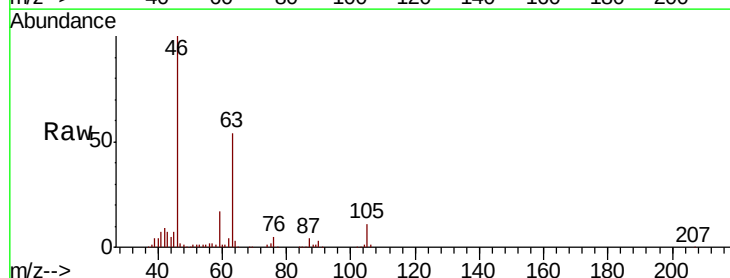
Ion Ratio Lower Upper

43 100

58 26.5 41.1 61.7#

57 24.8 14.2 21.4#

100 0.0 8.8 13.2#

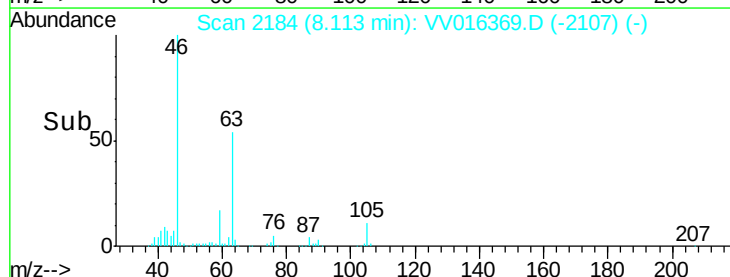
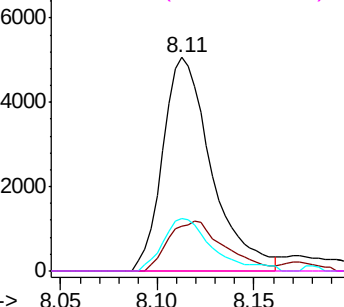


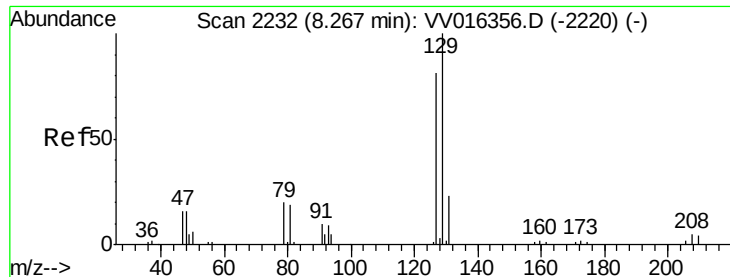
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#51

Dibromochloromethane

Concen: 0.154 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV016369.D

Acq: 30 May 2020 19:01

Instrument :

MSVOA_V

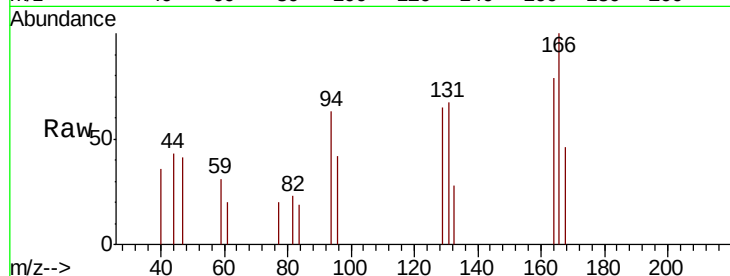
ClientSampleId :

Tot Ion:129 Resp: 629

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.00

400

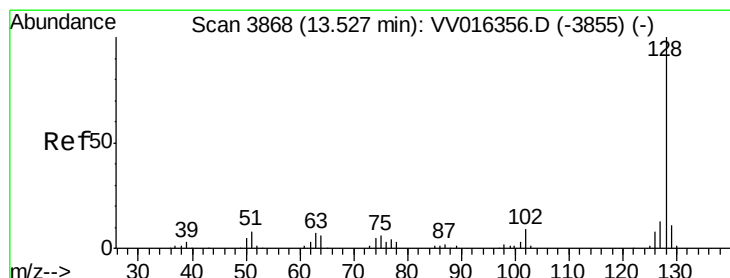
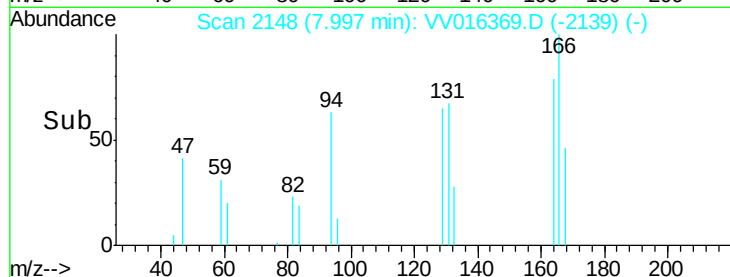
300

200

100

0

Time-->



#70

Naphthalene

Concen: 2.427 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016369.D

Acq: 30 May 2020 19:01

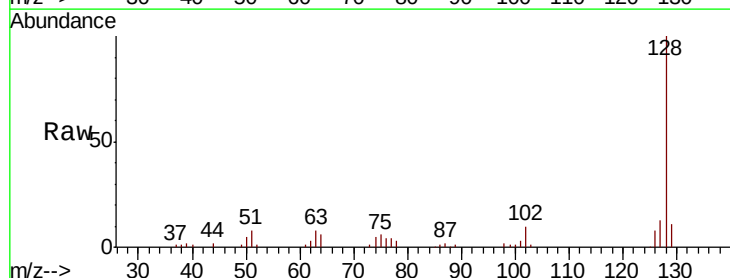
Tgt Ion:128 Resp: 40827

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

127 12.5 10.7 16.1



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

13.53

30000

20000

10000

0

Time-->

