

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051120\
 Data File : VV015995.D
 Acq On : 11 May 2020 17:44
 Operator : SY/MD
 Sample : L2541-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 12 01:13:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 12 01:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144805	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144790	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64792	5.00	ug/L	0.00

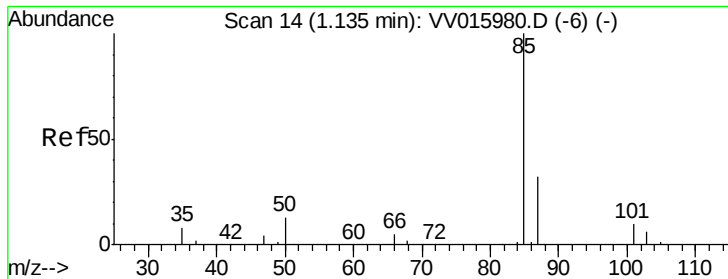
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32463	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	33497	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.12	63	53769	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.96	46	117218	52.31	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.38	84	80413	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	49633	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.08	84	162069	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.10	67	52001	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	142937	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
45) trans-1,3-Dichloropropene-	7.65	79	13885	3.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.20%
48) 2-Hexanone-d5	8.12	63	80149	44.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.40%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37649	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	53726	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	3513	0.317 ug/L	96
8) Chloroethane	1.52	64	6928	0.905 ug/L #	56
25) Chloroform	4.40	83	9190	0.492 ug/L	97
34) Trichloroethene	5.95	95	2767	0.266 ug/L	94
35) Methylcyclohexane	6.10	83	12392	0.788 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6620	0.715 ug/L #	87
49) Tetrachloroethene	8.00	164	24343	3.355 ug/L	98
50) 2-Hexanone	8.17	43	8773	2.151 ug/L #	78
51) Dibromochloromethane	8.00	129	23557	3.392 ug/L #	9
70) Naphthalene	13.53	128	4065	0.233 ug/L #	93
71) 1,2,3-Trichlorobenzene	13.77	180	1004	0.104 ug/L	95

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



#2

Dichlorodifluoromethane

Concen: 0.317 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.01 min

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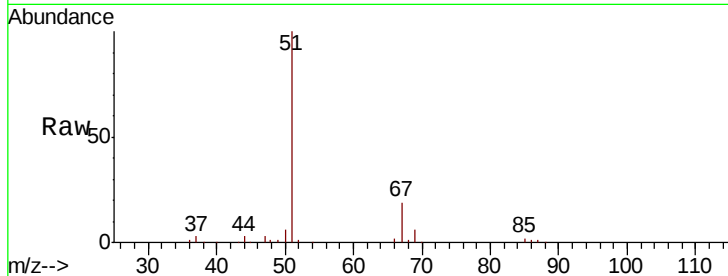
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 3513

Ion Ratio Lower Upper

85 100

87 35.1 26.4 39.6



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

4000

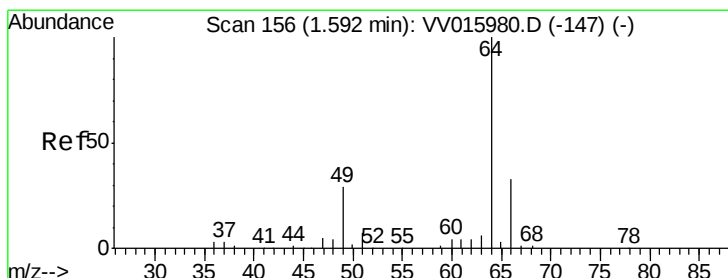
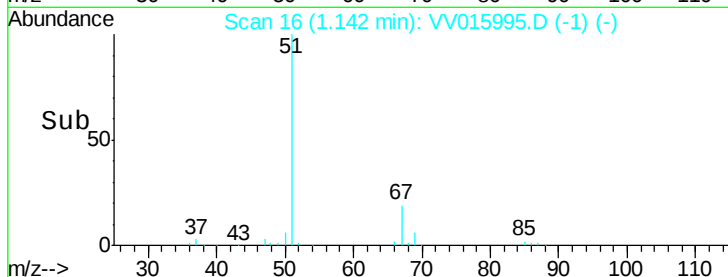
3000

2000

1000

0

Time--> 1.10 1.12 1.14 1.16 1.18



#8

Chloroethane

Concen: 0.905 ug/L

RT: 1.52 min Scan# 134

Delta R.T. -0.07 min

Lab File: VV015995.D

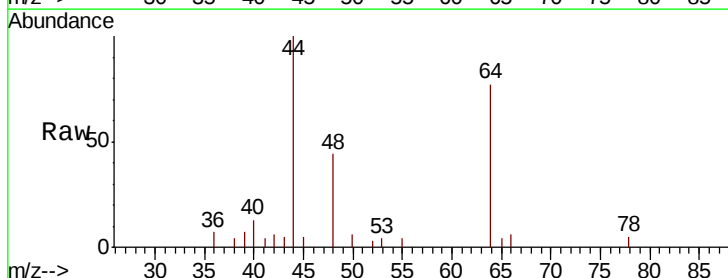
Acq: 11 May 2020 17:44

Tgt Ion: 64 Resp: 6928

Ion Ratio Lower Upper

64 100

66 8.3 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

1.52

3000

2500

2000

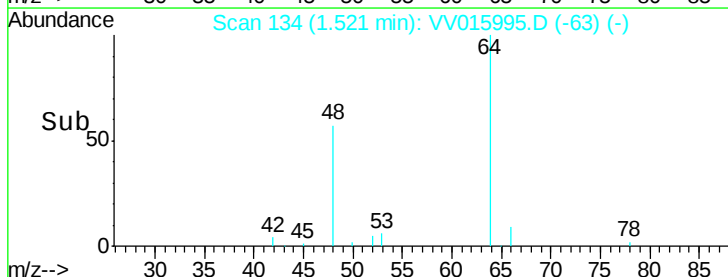
1500

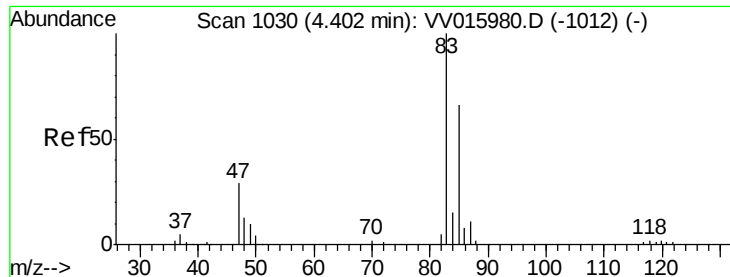
1000

500

0

Time--> 1.40 1.45 1.50 1.55

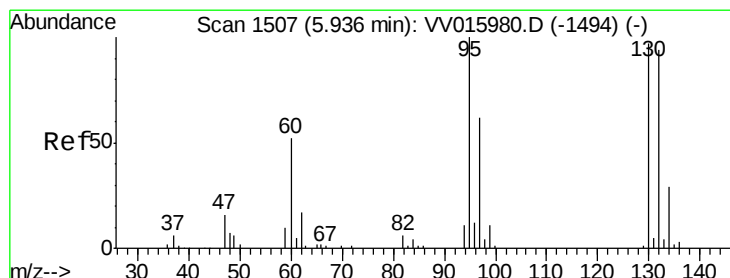
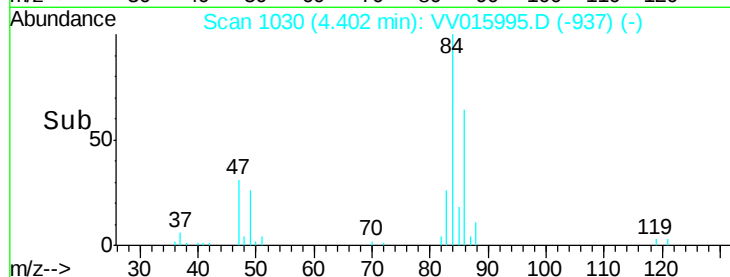
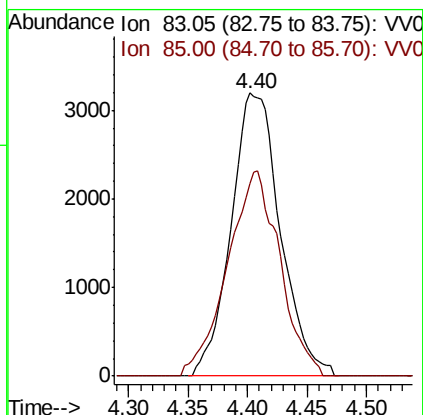
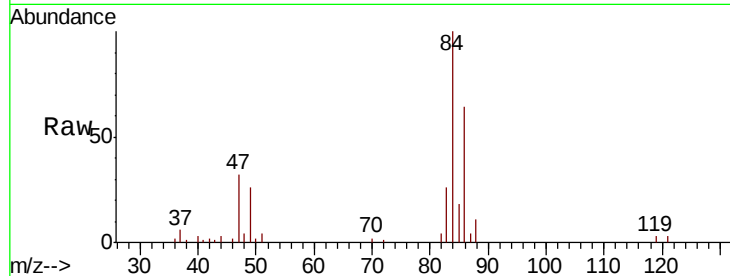




#25
Chloroform
Concen: 0.492 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015995.D
Acq: 11 May 2020 17:44

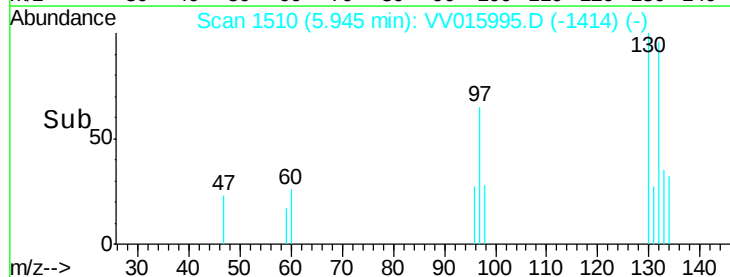
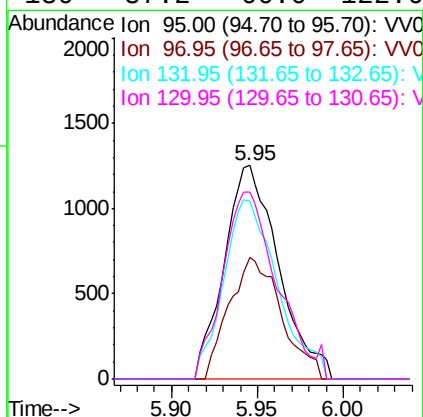
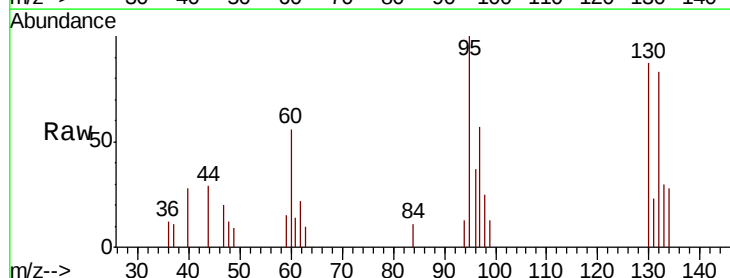
Instrument :
MSVOA_V
ClientSampleId :

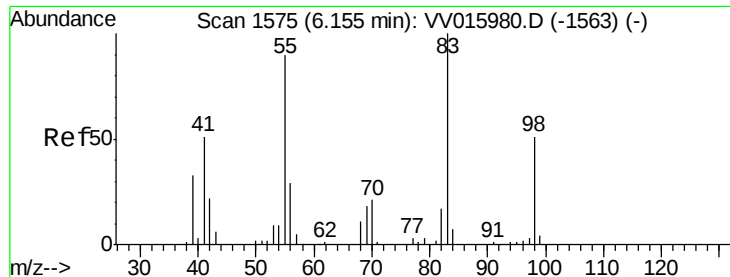
Tot Ion: 83 Resp: 9190
Ion Ratio Lower Upper
83 100
85 67.8 45.7 84.9



#34
Trichloroethene
Concen: 0.266 ug/L
RT: 5.95 min Scan# 1510
Delta R.T. 0.01 min
Lab File: VV015995.D
Acq: 11 May 2020 17:44

Tgt Ion: 95 Resp: 2767
Ion Ratio Lower Upper
95 100
97 57.1 43.3 80.5
132 83.4 60.3 112.1
130 87.2 66.0 122.6

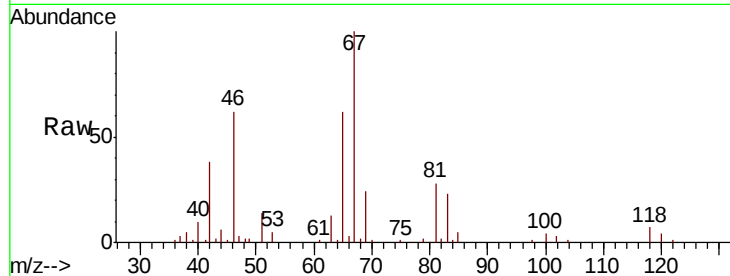




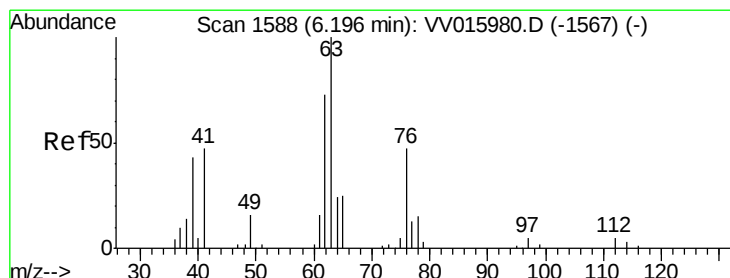
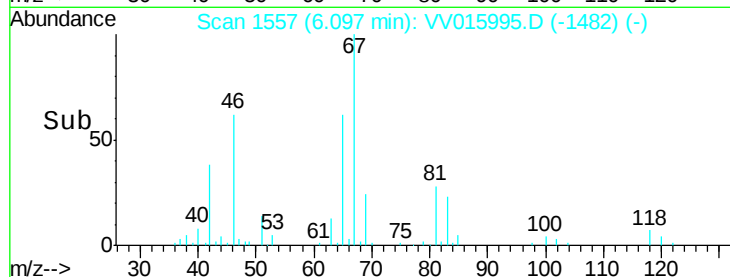
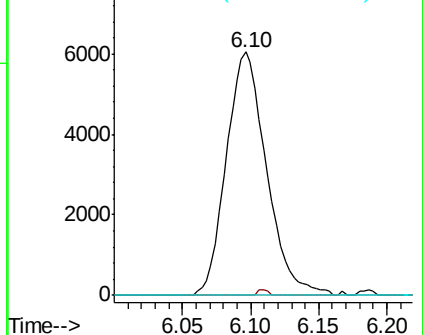
#35
Methvlcvclohexane
Concen: 0.788 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015995.D
Acq: 11 May 2020 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 12392
Ion Ratio Lower Upper
83 100
55 0.6 66.2 99.2#
98 0.0 37.9 56.9#

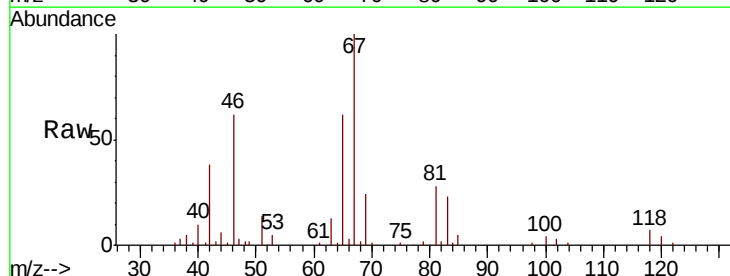


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

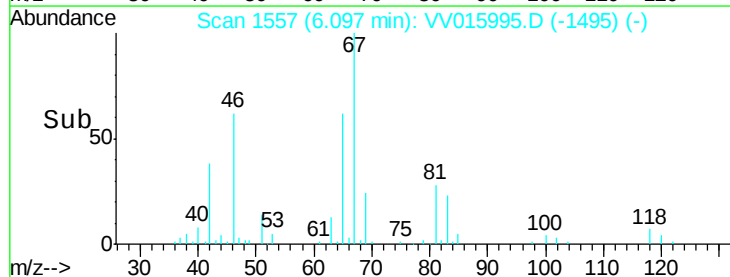
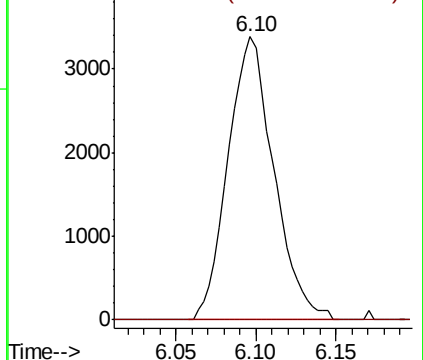


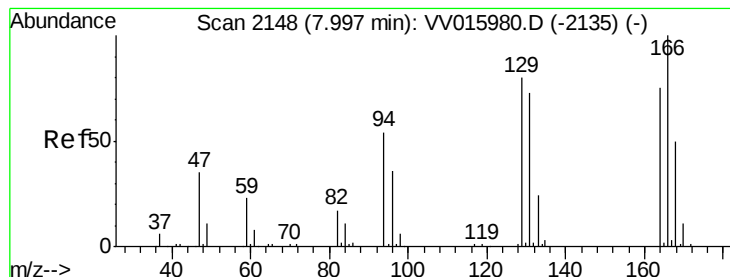
#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015995.D
Acq: 11 May 2020 17:44

Tgt Ion: 63 Resp: 6620
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





#49

Tetrachloroethene

Concen: 3.355 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015995.D

Acq: 11 May 2020 17:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 24343

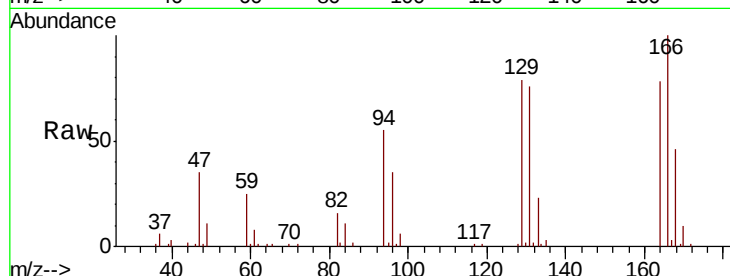
Ion Ratio Lower Upper

164 100

129 101.7 69.7 129.4

131 98.0 66.8 124.2

166 128.5 89.1 165.5

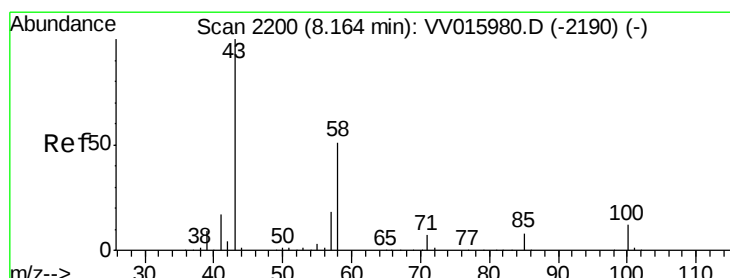
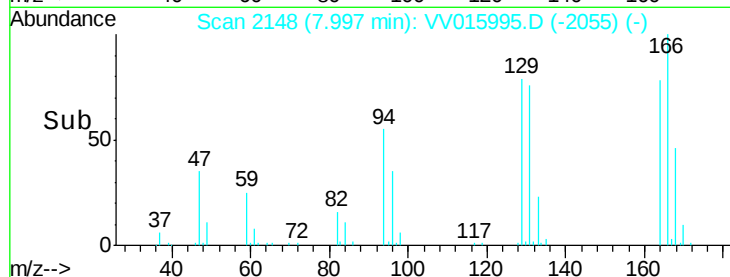
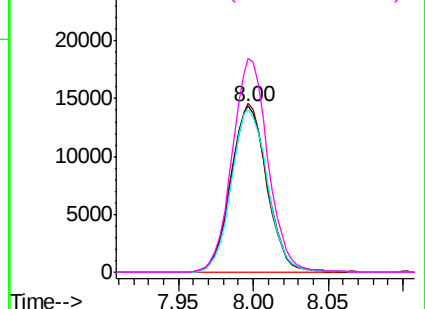


Abundance Ion 163.90 (163.60 to 164.60): V

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: 2.151 ug/L

RT: 8.17 min Scan# 2203

Delta R.T. 0.01 min

Lab File: VV015995.D

Acq: 11 May 2020 17:44

Tgt Ion: 43 Resp: 8773

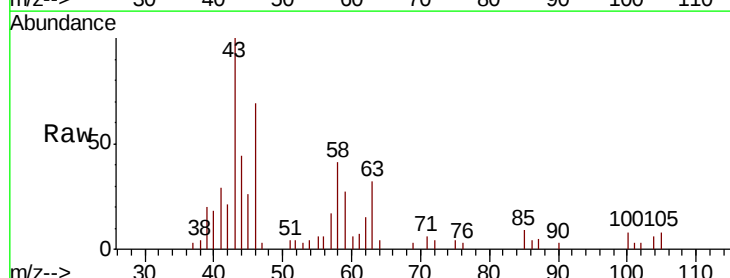
Ion Ratio Lower Upper

43 100

58 39.4 40.8 61.2#

57 0.0 14.7 22.1#

100 4.6 9.0 13.6#

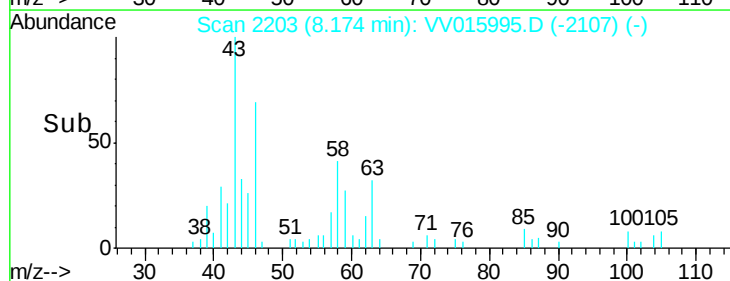
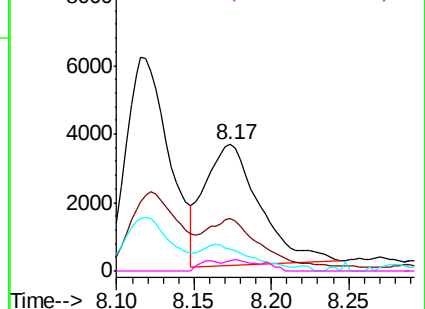


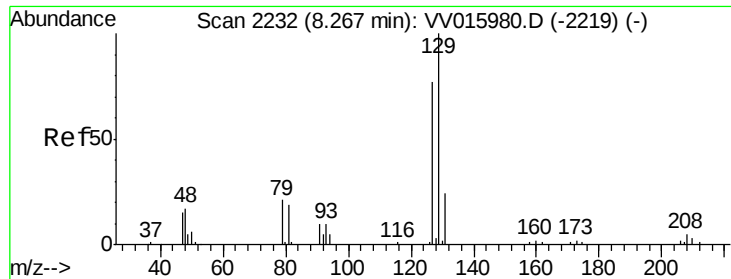
Abundance Ion 43.05 (42.75 to 43.75): VV0

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

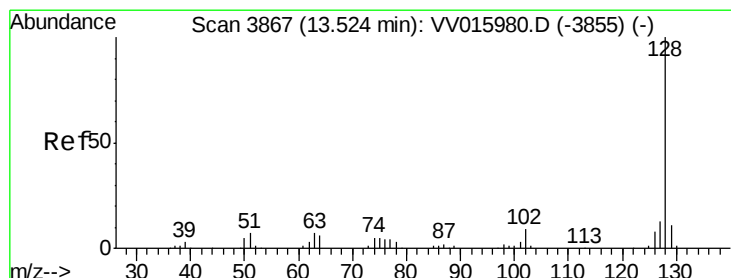
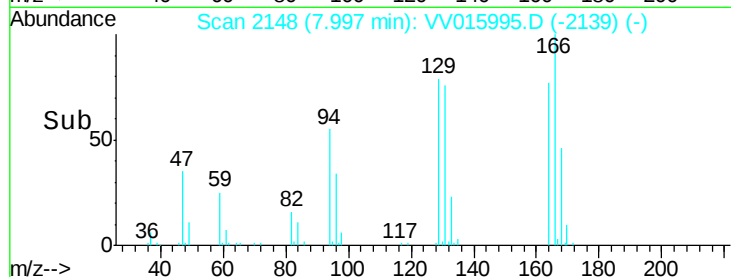
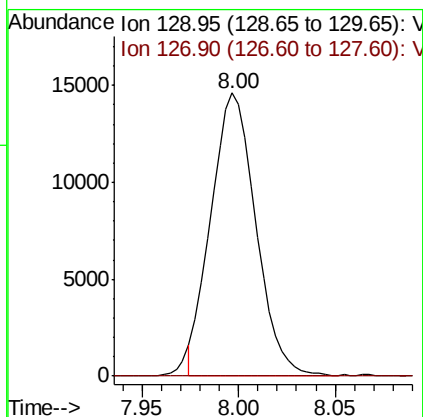
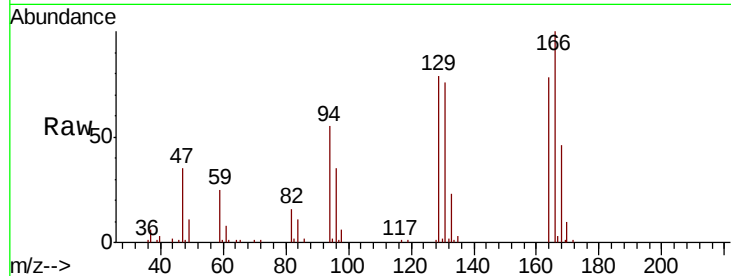




#51
Dibromochloromethane
Concen: 3.392 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015995.D
Acq: 11 May 2020 17:44

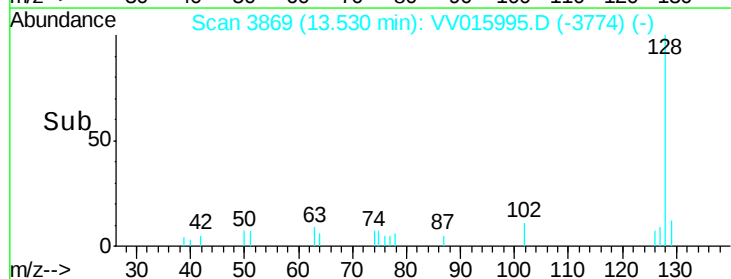
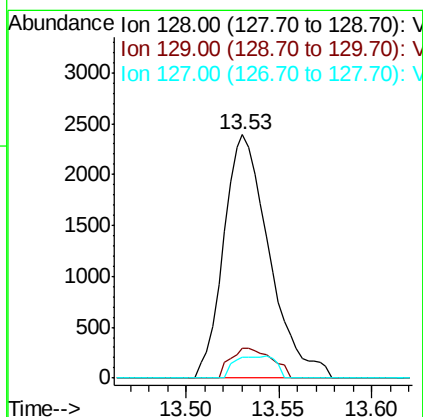
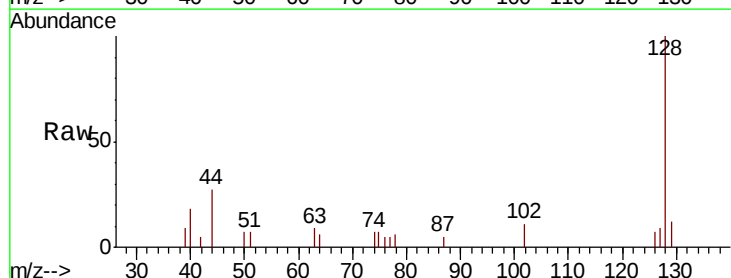
Instrument :
MSVOA_V
ClientSampled :

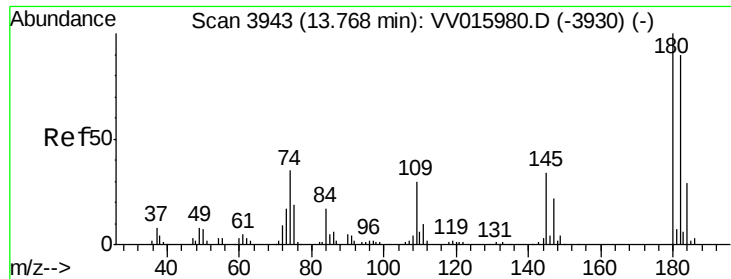
Tot Ion:129 Resp: 23557
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#



#70
Naphthalene
Concen: 0.233 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.01 min
Lab File: VV015995.D
Acq: 11 May 2020 17:44

Tgt Ion:128 Resp: 4065
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 8.1 10.2 15.2#

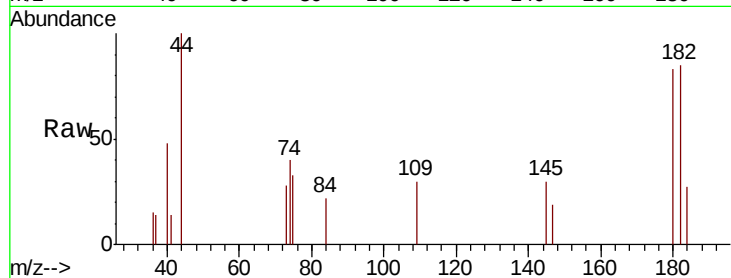




#71
 1,2,3-Trichlorobenzene
 Concen: 0.104 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.00 min
 Lab File: VV015995.D
 Acq: 11 May 2020 17:44

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 1004
 Ion Ratio Lower Upper
 180 100
 182 102.0 77.0 115.6
 145 36.1 28.3 42.5



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

