

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015880.D
 Acq On : 04 May 2020 13:25
 Operator : SY/MD
 Sample : L2435-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:31:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	118759	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115389	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55680	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28994	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.57	69	28165	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.12	63	45155	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.96	46	97409	48.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.76%
24) Chloroform-d	4.38	84	68463	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	39457	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.08	84	127953	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.10	67	39928	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.34	98	114510	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	7.65	79	14819	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.12	63	69261	41.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	28773	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	43511	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

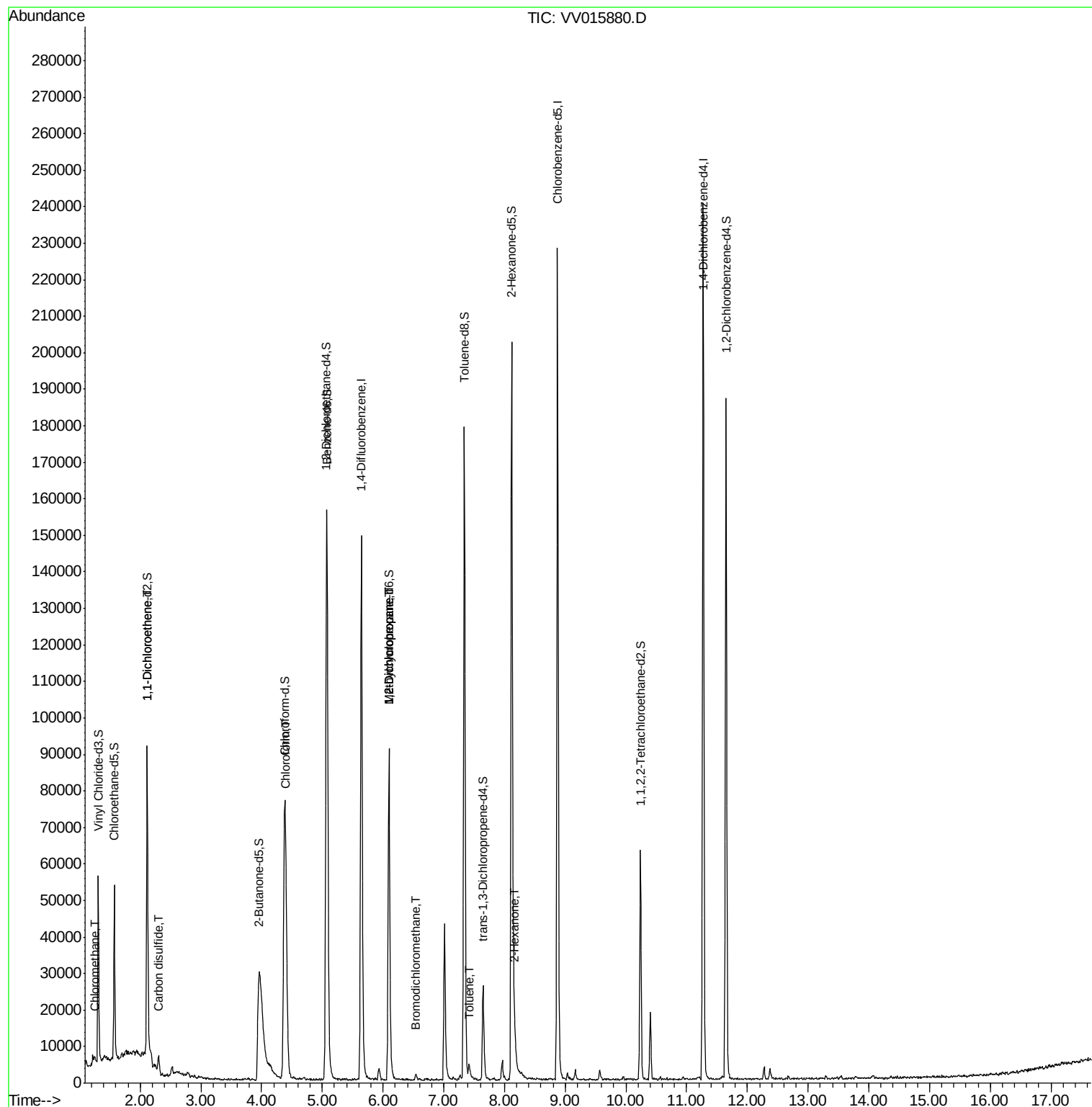
					Ovalue
3) Chloromethane	1.24	50	671	0.076 ug/L	83
12) 1,1-Dichloroethene	2.11	96	818	0.118 ug/L #	1
14) Carbon disulfide	2.30	76	4358	0.223 ug/L #	94
25) Chloroform	4.41	83	34949	2.166 ug/L	98
35) Methylcyclohexane	6.09	83	9961	0.713 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5103	0.609 ug/L #	86
38) Bromodichloromethane	6.54	83	1181	0.111 ug/L #	96
42) Toluene	7.42	91	2465	0.070 ug/L	90
48) 2-Hexanone	8.17	43	5381	1.387 ug/L #	89

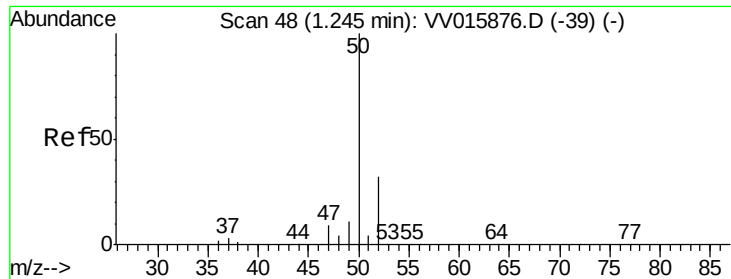
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.076 ug/L

RT: 1.24 min Scan# 48

Delta R.T. -0.00 min

Lab File: VV015880.D

Acq: 04 May 2020 13:25

Instrument :

MSVOA_V

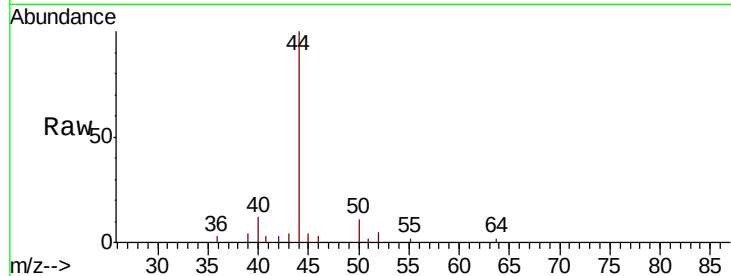
ClientSampled :

Tot Ion: 50 Resp: 671

Ion Ratio Lower Upper

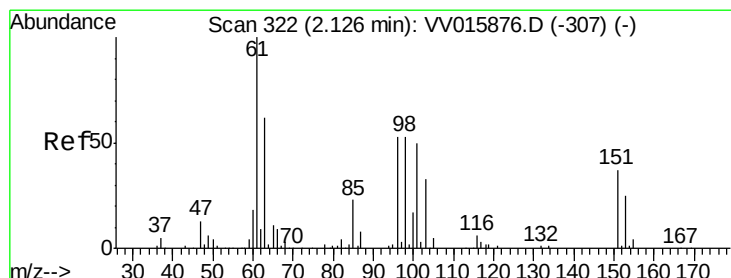
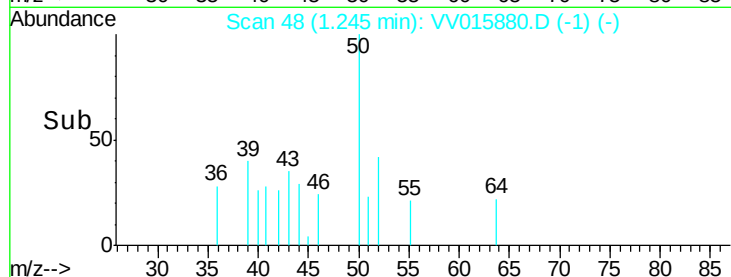
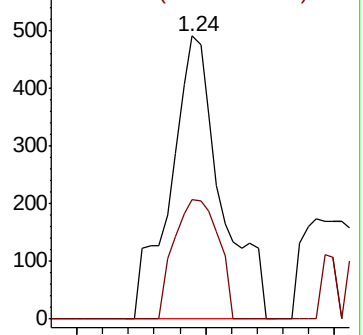
50 100

52 42.0 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.118 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.01 min

Lab File: VV015880.D

Acq: 04 May 2020 13:25

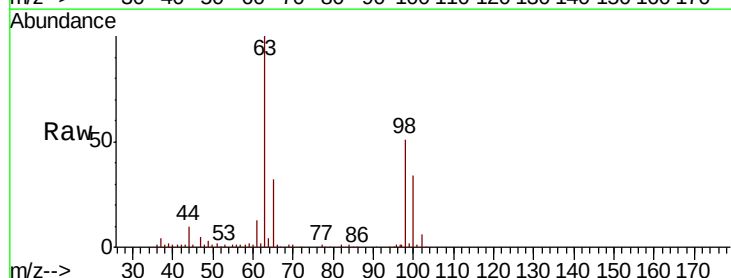
Tgt Ion: 96 Resp: 818

Ion Ratio Lower Upper

96 100

61 769.5 130.1 241.7#

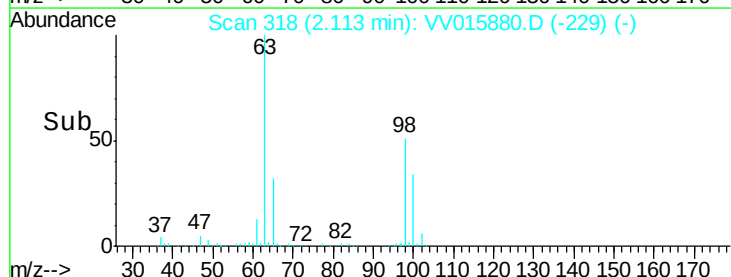
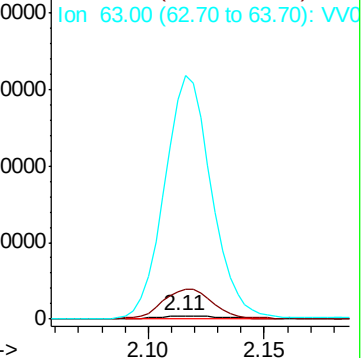
63 6142.5 91.4 169.8#

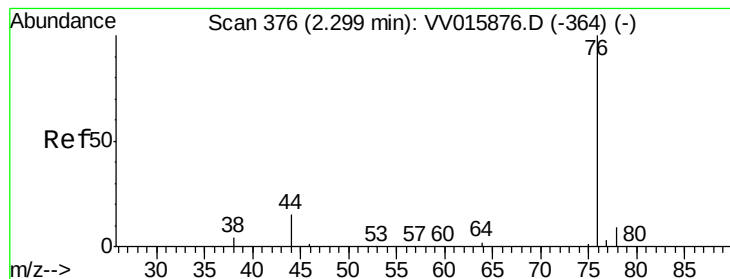


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.223 ug/L

RT: 2.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: VV015880.D

Acq: 04 May 2020 13:25

Instrument :

MSVOA_V

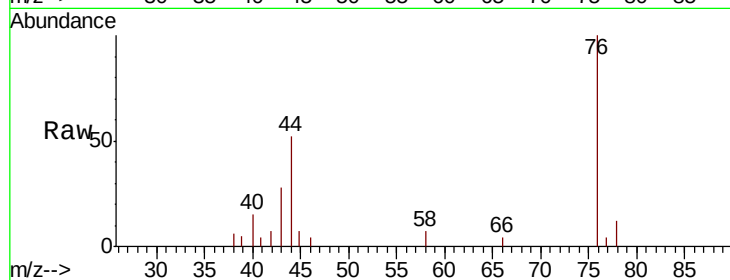
ClientSampleId :

Tot Ion: 76 Resp: 4358

Ion Ratio Lower Upper

76 100

78 11.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.30

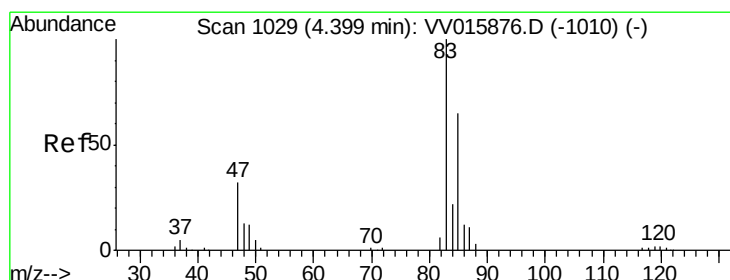
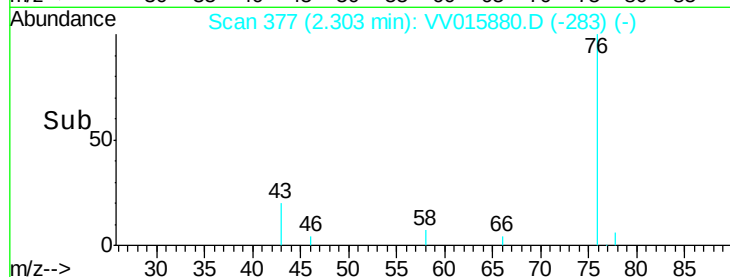
3000

2000

1000

0

Time-->



#25

Chloroform

Concen: 2.166 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015880.D

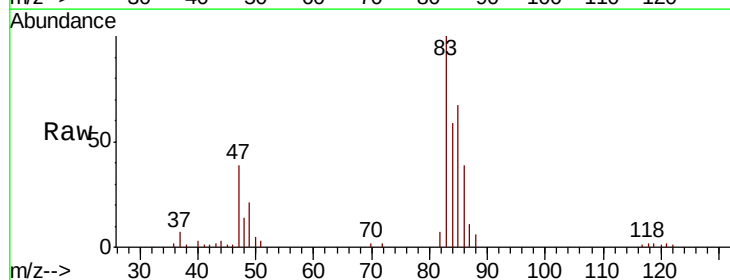
Acq: 04 May 2020 13:25

Tgt Ion: 83 Resp: 34949

Ion Ratio Lower Upper

83 100

85 67.4 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

4.41

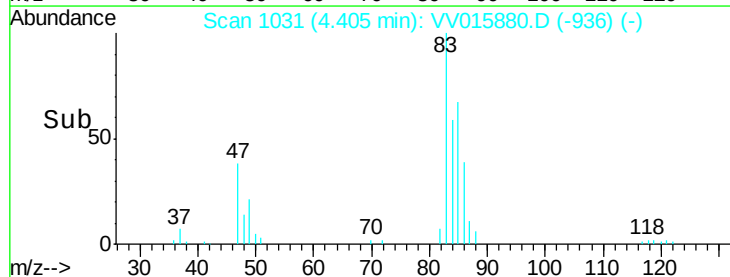
15000

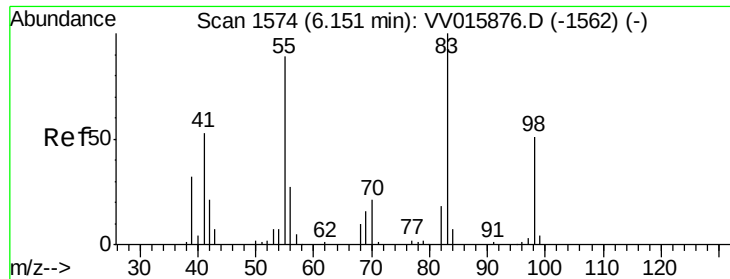
10000

5000

0

Time-->

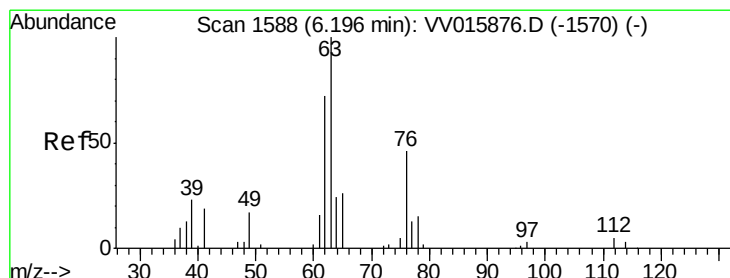
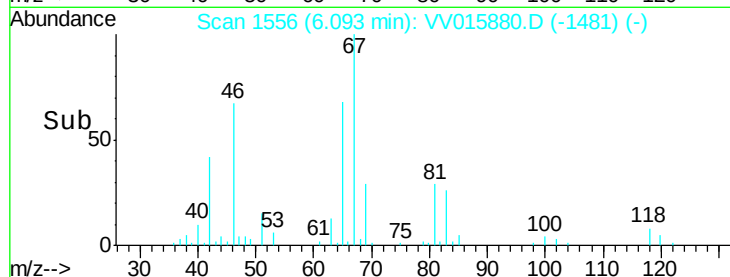
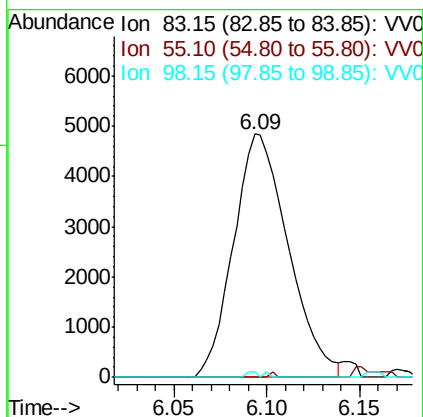
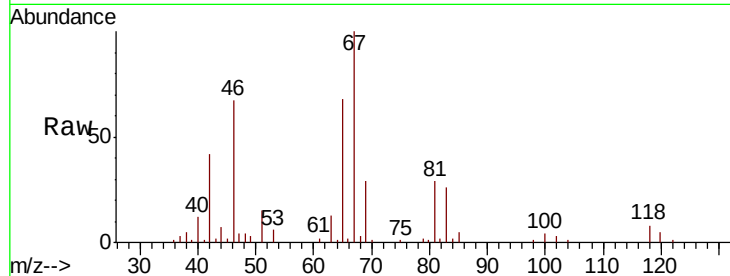




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015880.D
Acq: 04 May 2020 13:25

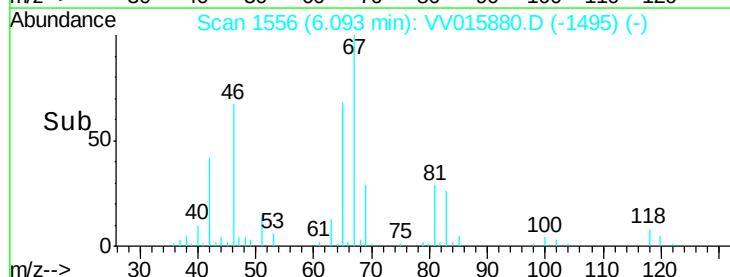
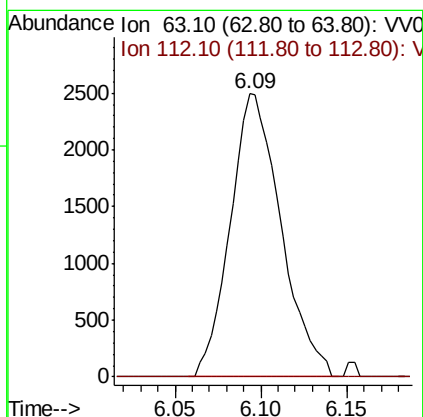
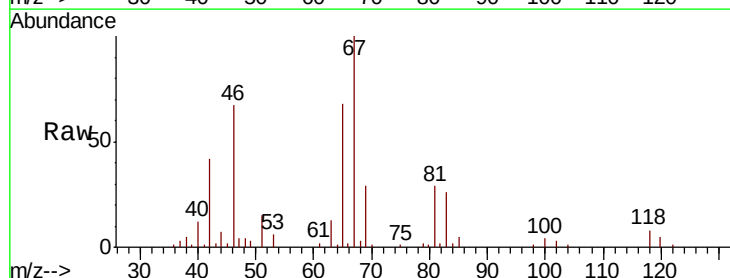
Instrument :
MSVOA_V
ClientSampleId :

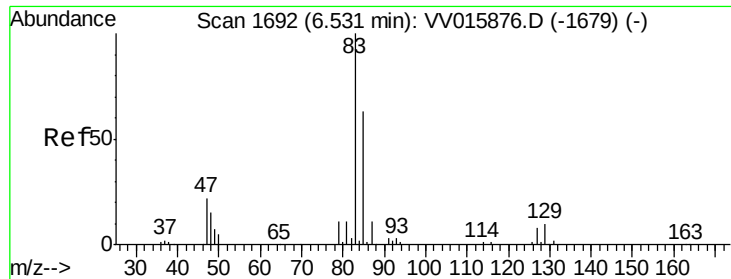
Tot Ion: 83 Resp: 9961
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.6 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.609 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015880.D
Acq: 04 May 2020 13:25

Tgt Ion: 63 Resp: 5103
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

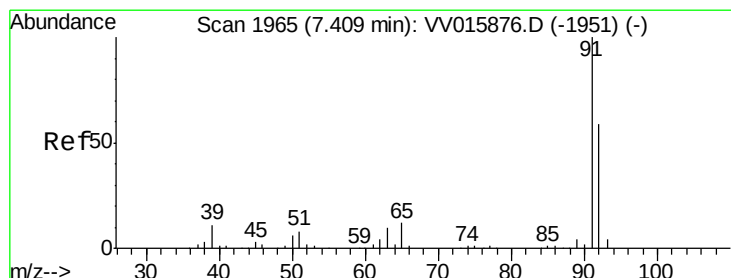
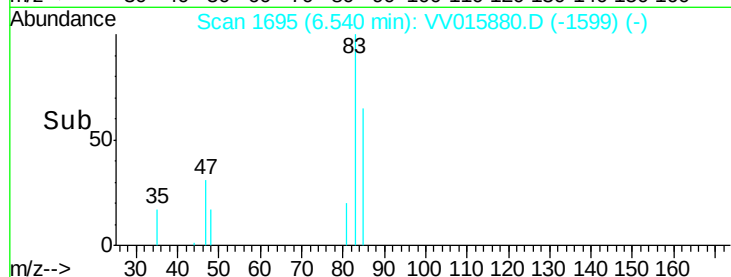
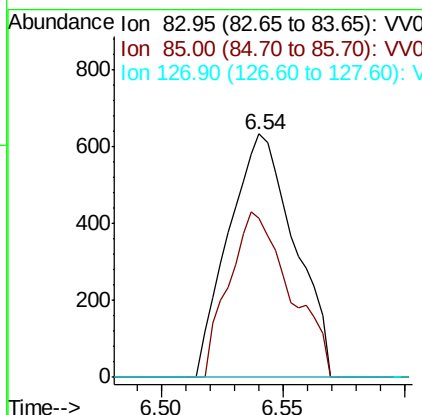
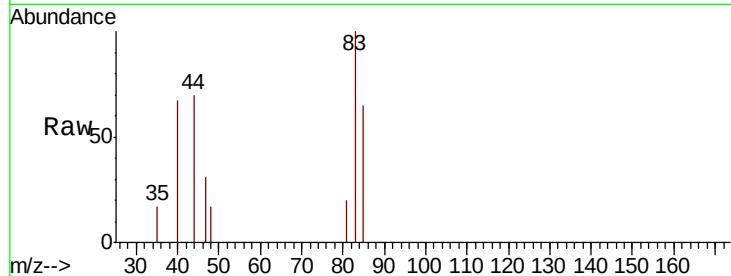




#38
 Bromodichloromethane
 Concen: 0.111 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV015880.D
 Acq: 04 May 2020 13:25

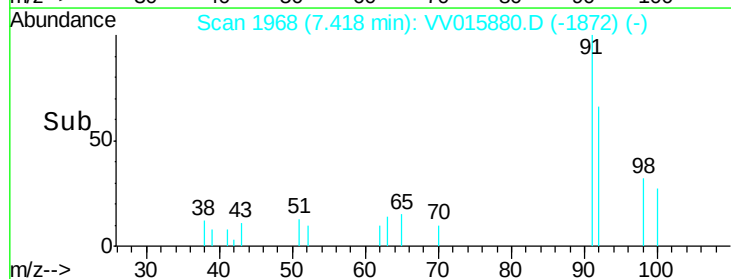
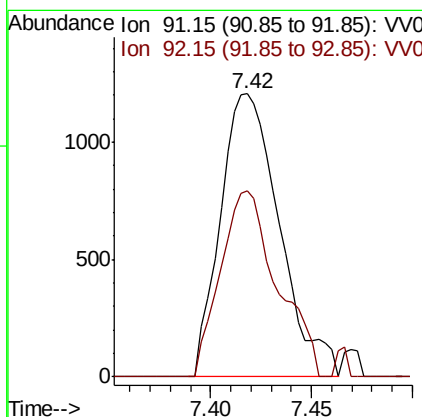
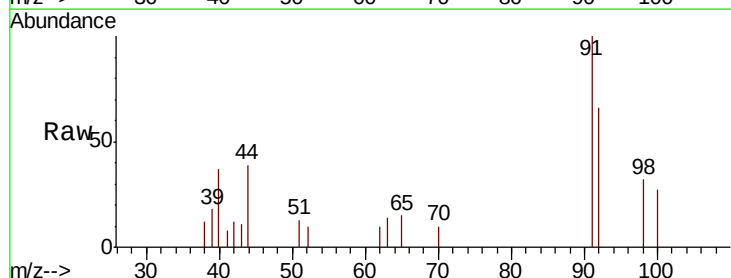
Instrument :
 MSVOA_V
 ClientSampleId :

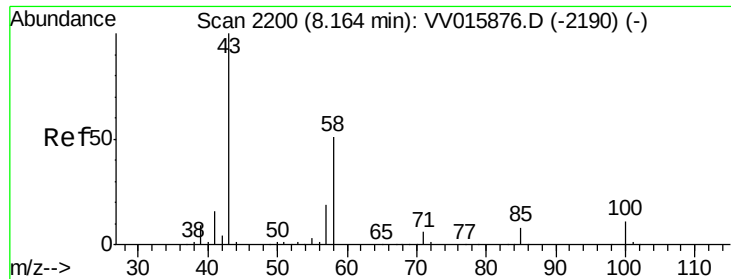
Tot Ion: 83 Resp: 1181
 Ion Ratio Lower Upper
 83 100
 85 65.3 44.7 83.1
 127 0.0 5.8 8.6#



#42
 Toluene
 Concen: 0.070 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV015880.D
 Acq: 04 May 2020 13:25

Tgt Ion: 91 Resp: 2465
 Ion Ratio Lower Upper
 91 100
 92 65.7 40.7 75.7





#48
 2-Hexanone
 Concen: 1.387 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015880.D
 Acq: 04 May 2020 13:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.4	41.1	61.7
57	8.8	15.0	22.4#
100	4.3	9.0	13.4#

