

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072720\
 Data File : VV017683.D
 Acq On : 27 Jul 2020 17:30
 Operator : SY/MD
 Sample : L3346-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 04:57:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 28 04:52:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161257	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	156946	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30167	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	26237	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	66963	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.92	46	74331	40.35	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.70%
24) Chloroform-d	4.37	84	83992	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.06	65	45203	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.07	84	143781	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.09	67	40425	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	7.34	98	132138	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
45) trans-1,3-Dichloropropene-	7.65	79	16719	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
48) 2-Hexanone-d5	8.11	63	47266	34.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.98%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27148	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56392	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

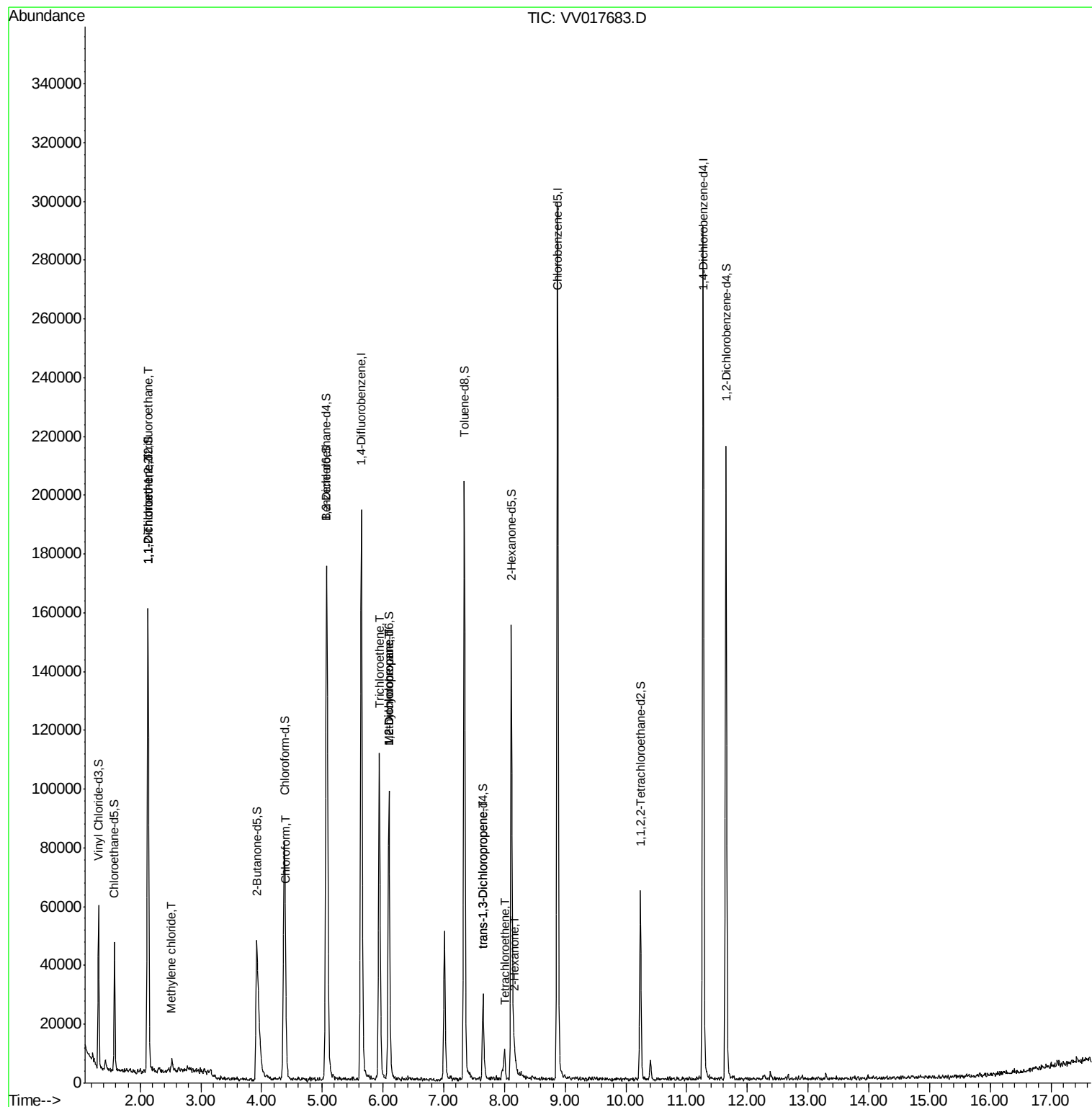
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1131	0.118	ug/L #	69
12) 1,1-Dichloroethene	2.14	96	25268	2.910	ug/L	89
16) Methylene chloride	2.52	84	1448	0.150	ug/L	89
25) Chloroform	4.40	83	2874	0.129	ug/L #	69
34) Trichloroethene	5.94	95	36012	2.902	ug/L	98
35) Methylcyclohexane	6.10	83	11886	0.633	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5536	0.530	ug/L #	84
46) trans-1,3-Dichloropropene	7.65	75	800	0.057	ug/L	97
49) Tetrachloroethene	8.00	164	2252	0.206	ug/L	92
50) 2-Hexanone	8.16	43	3895	0.962	ug/L #	66

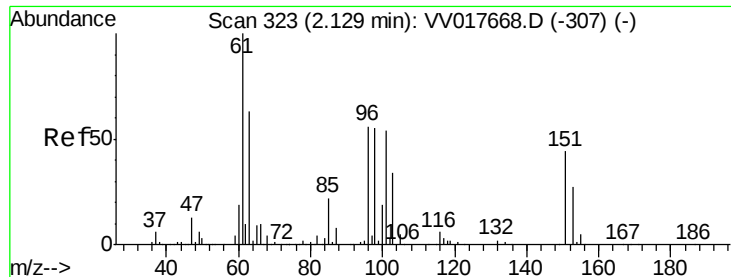
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV072720\
Data File : VV017683.D
Acq On : 27 Jul 2020 17:30
Operator : SY/MD
Sample : L3346-09
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 28 04:57:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 28 04:52:47 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.118 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017683.D

Acq: 27 Jul 2020 17:30

Instrument :

MSVOA_V

ClientSampleId :

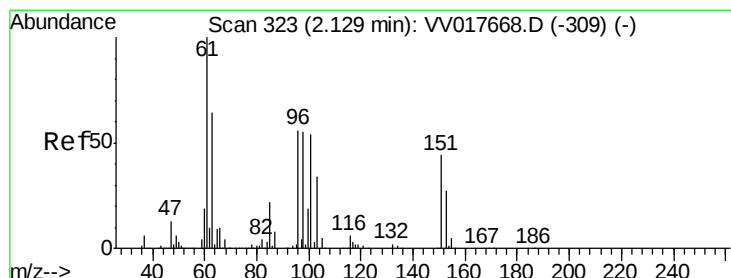
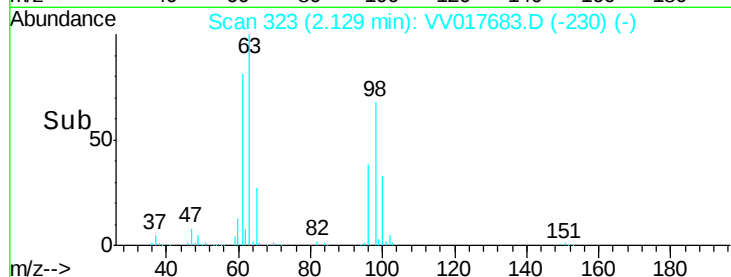
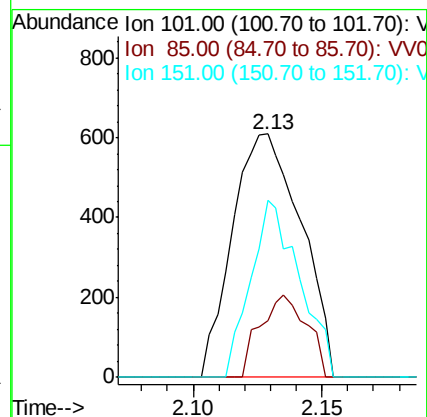
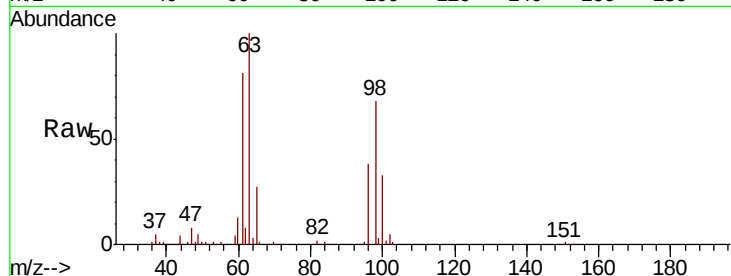
Tot Ion:101 Resp: 1131

Ion Ratio Lower Upper

101 100

85 23.0 34.6 51.8#

151 51.8 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 2.910 ug/L

RT: 2.14 min Scan# 325

Delta R.T. 0.01 min

Lab File: VV017683.D

Acq: 27 Jul 2020 17:30

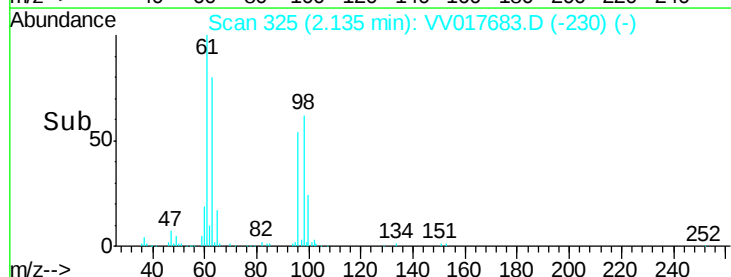
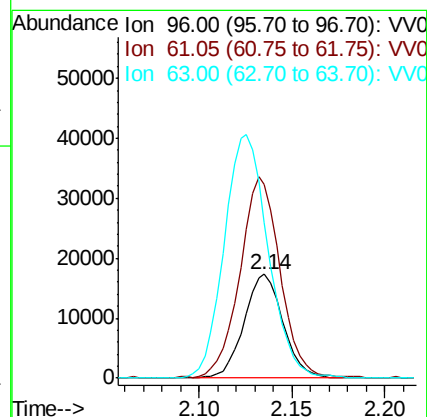
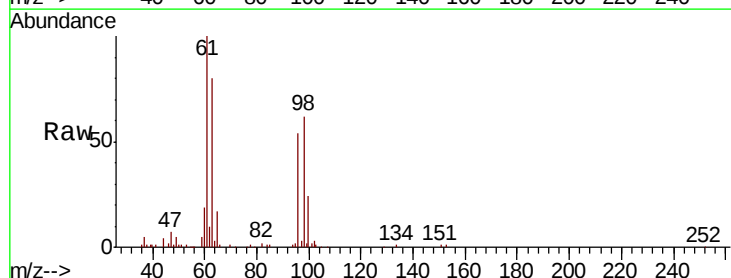
Tgt Ion: 96 Resp: 25268

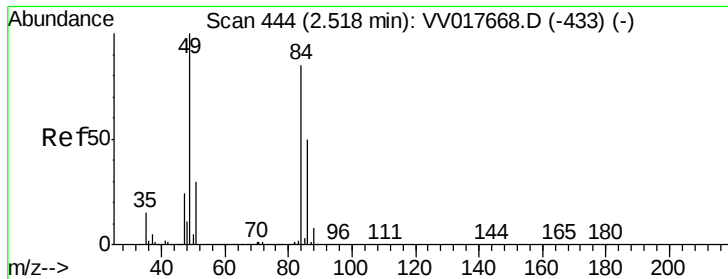
Ion Ratio Lower Upper

96 100

61 186.8 123.1 228.7

63 149.3 91.2 169.4

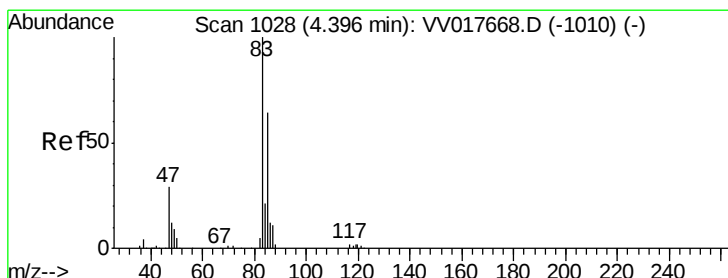
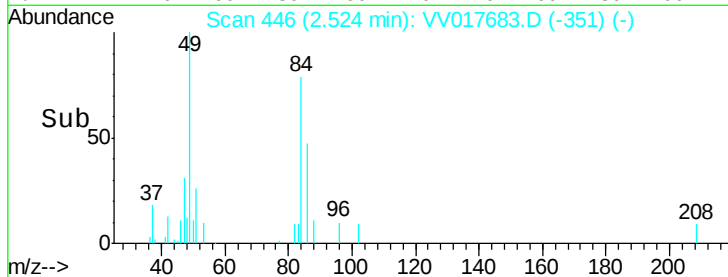
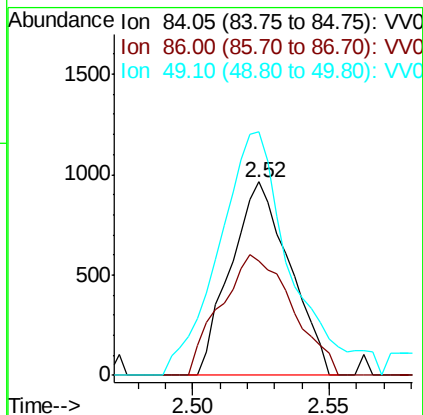
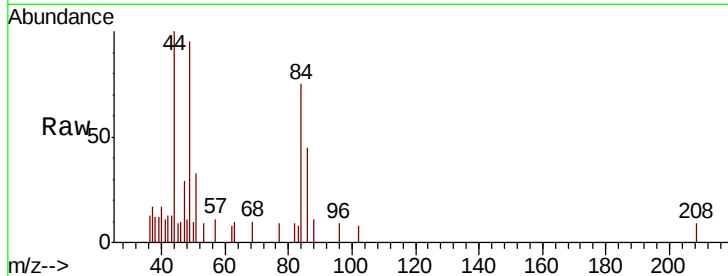




#16
Methylene chloride
Concen: 0.150 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.01 min
Lab File: VV017683.D
Acq: 27 Jul 2020 17:30

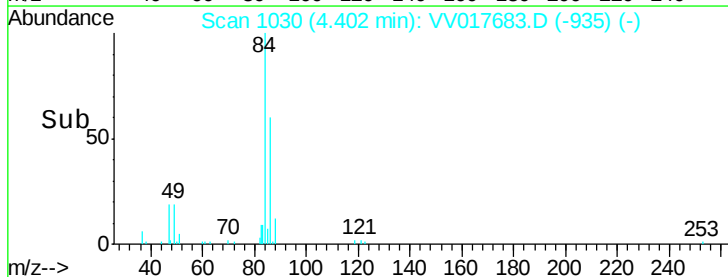
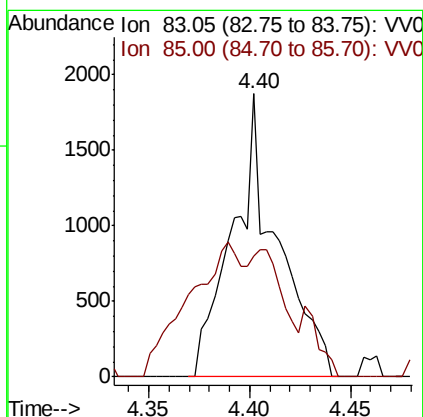
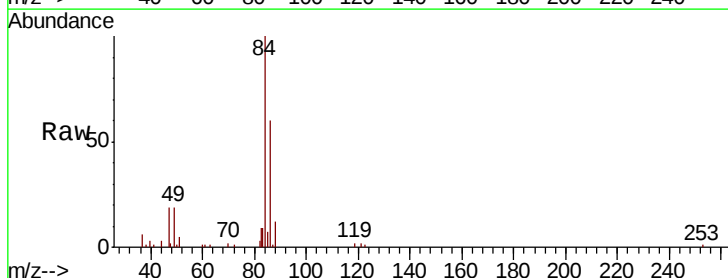
Instrument :
MSVOA_V
ClientSampleId :

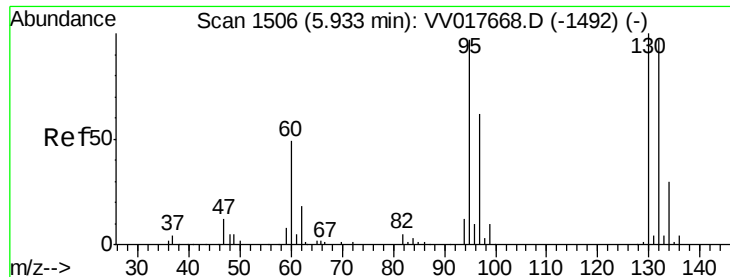
Tot Ion: 84 Resp: 1448
Ion Ratio Lower Upper
84 100
86 59.2 46.5 86.3
49 125.8 79.2 147.2



#25
Chloroform
Concen: 0.129 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.01 min
Lab File: VV017683.D
Acq: 27 Jul 2020 17:30

Tgt Ion: 83 Resp: 2874
Ion Ratio Lower Upper
83 100
85 42.9 47.3 87.9#





#34

Trichloroethene

Concen: 2.902 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV017683.D

Acq: 27 Jul 2020 17:30

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 36012

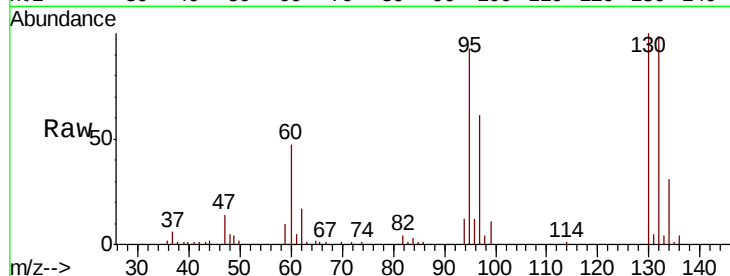
Ion Ratio Lower Upper

95 100

97 65.8 46.1 85.5

132 106.5 71.7 133.1

130 107.2 74.3 137.9

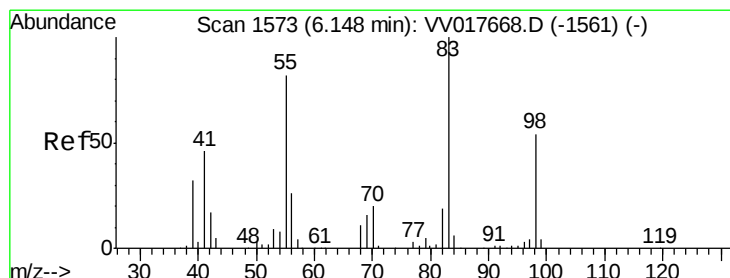
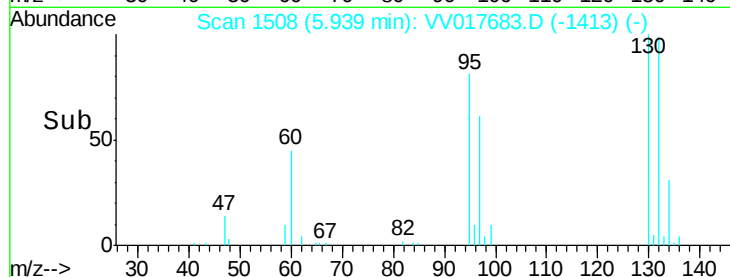
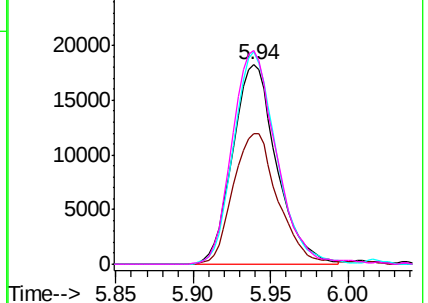


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



#35

Methylcyclohexane

Concen: 0.633 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017683.D

Acq: 27 Jul 2020 17:30

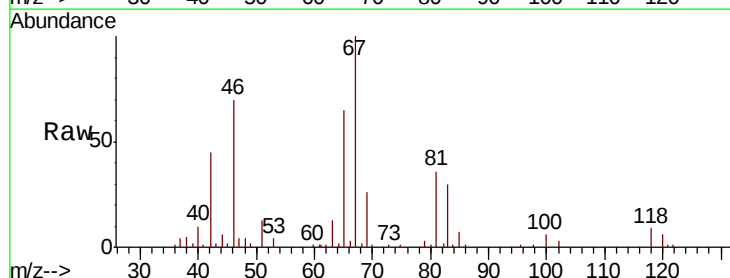
Tgt Ion: 83 Resp: 11886

Ion Ratio Lower Upper

83 100

55 0.8 61.8 92.8#

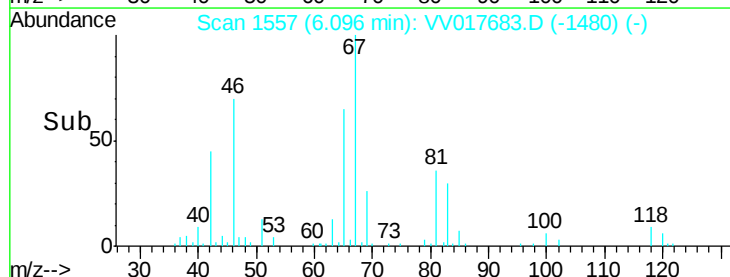
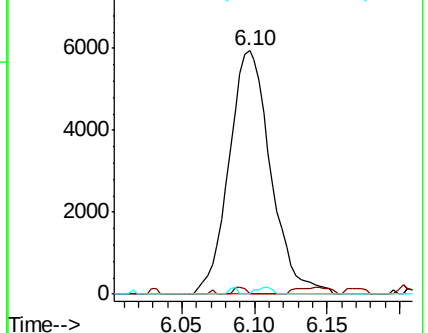
98 1.1 39.0 58.6#

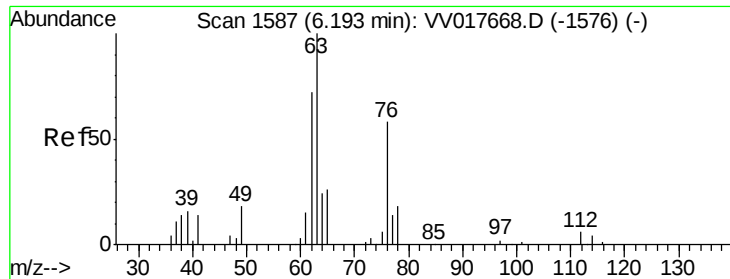


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

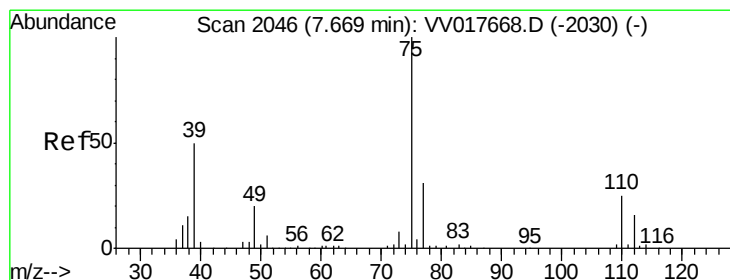
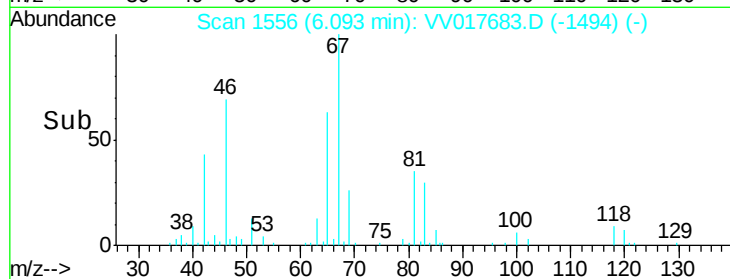
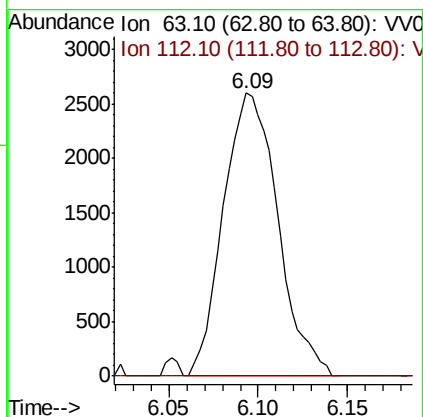
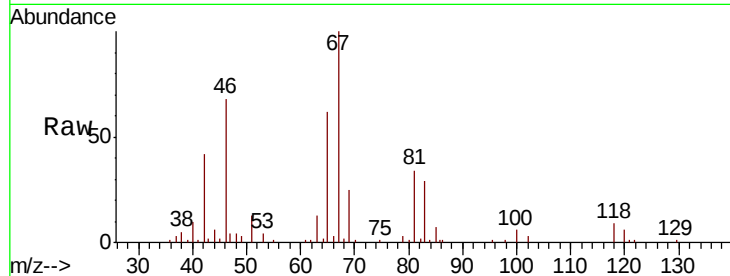




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017683.D
 Acq: 27 Jul 2020 17:30

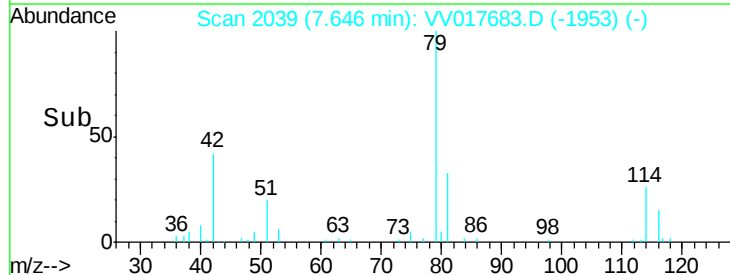
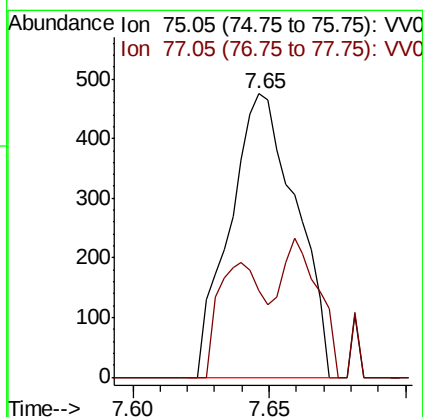
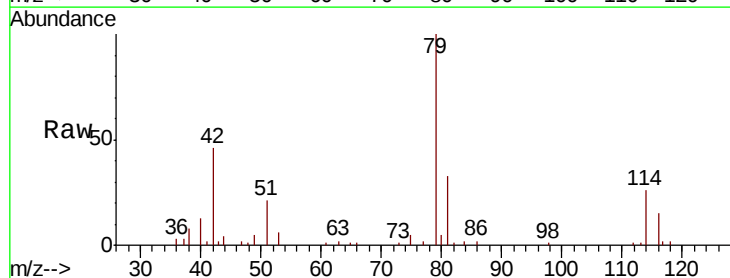
Instrument :
 MSVOA_V
 ClientSampled :

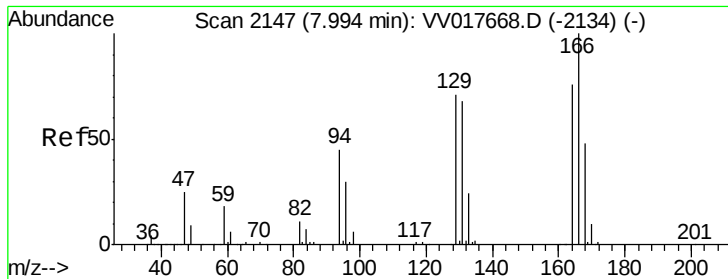
Tot Ion: 63 Resp: 5536
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#46
 trans-1,3-Dichloropropene
 Concen: 0.057 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.02 min
 Lab File: VV017683.D
 Acq: 27 Jul 2020 17:30

Tgt Ion: 75 Resp: 800
 Ion Ratio Lower Upper
 75 100
 77 30.5 22.5 41.7





#49

Tetrachloroethene

Concen: 0.206 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017683.D

Acq: 27 Jul 2020 17:30

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 2252

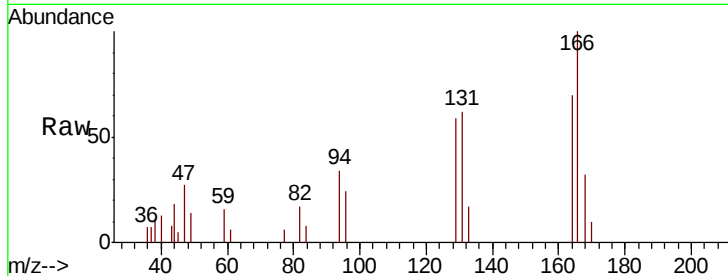
Ion Ratio Lower Upper

164 100

129 84.4 65.0 120.8

131 89.1 63.6 118.2

166 143.8 91.7 170.3

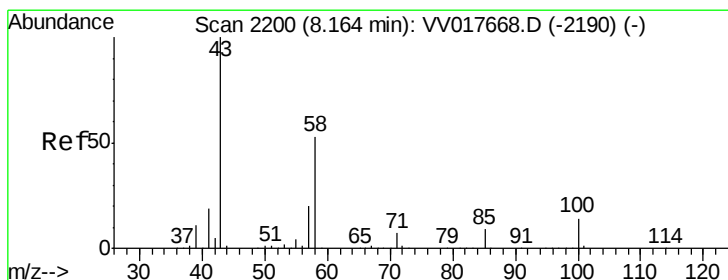
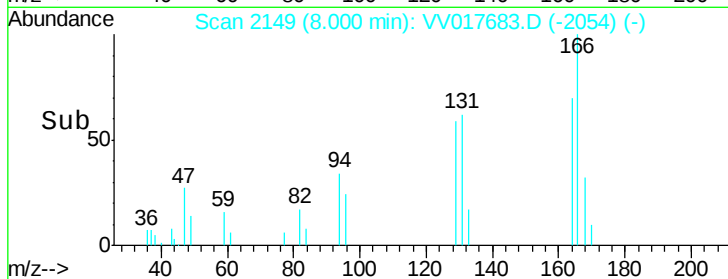
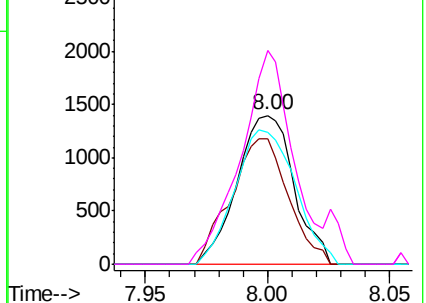


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.962 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. -0.00 min

Lab File: VV017683.D

Acq: 27 Jul 2020 17:30

Tgt Ion: 43 Resp: 3895

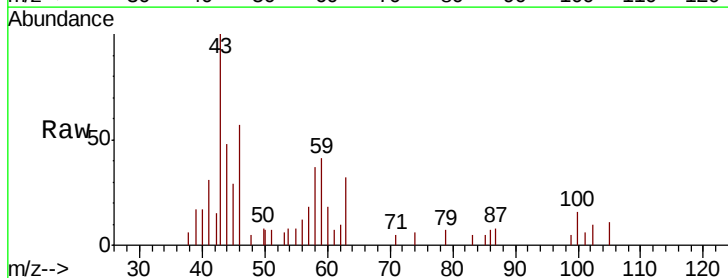
Ion Ratio Lower Upper

43 100

58 14.4 41.6 62.4#

57 17.7 15.4 23.0

100 11.8 11.2 16.8



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

