

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016098.D
 Acq On : 18 May 2020 13:56
 Operator : SY/MD
 Sample : VV0518WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 19 04:48:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 04:04:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	322512	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	315640	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	148005	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110753	47.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.24%
7) Chloroethane-d5	1.58	69	99925	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.86%
11) 1,1-Dichloroethene-d2	2.13	63	161529	36.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.46%
21) 2-Butanone-d5	3.93	46	145453	103.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.69%
24) Chloroform-d	4.38	84	203339	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
26) 1,2-Dichloroethane-d4	5.06	65	152790	49.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.82%
32) Benzene-d6	5.08	84	423191	48.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.78%
36) 1,2-Dichloropropane-d6	6.10	67	135222	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.76%
41) Toluene-d8	7.34	98	391677	48.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.98%
43) trans-1,3-Dichloropropene-	7.64	79	64896	47.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.52%
47) 2-Hexanone-d5	8.12	63	91554	102.70	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.70%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	163937	47.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	144265	49.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.58%

Target Compounds

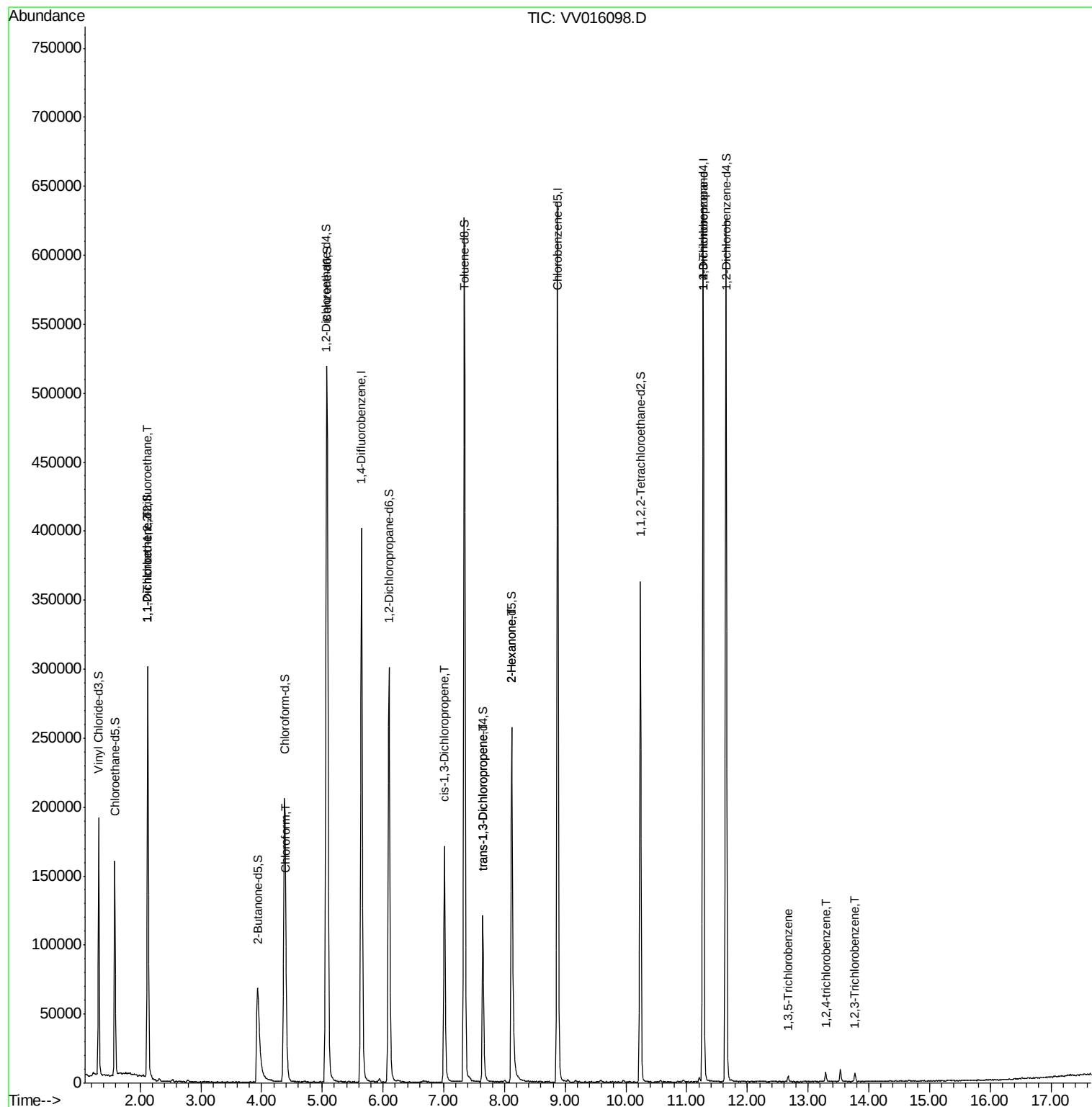
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1600	0.775 ug/L #	32
12) 1,1-Dichloroethene	2.13	96	1448	0.764 ug/L #	1
25) Chloroform	4.41	83	14467	3.220 ug/L	99
39) cis-1,3-Dichloropropene	7.01	75	4670	1.276 ug/L #	68
44) trans-1,3-Dichloropropene	7.64	75	3667	1.000 ug/L #	80
48) 2-Hexanone	8.12	43	12721	5.506 ug/L #	76
59) 1,2,3-Trichloropropane	11.27	75	20122	6.977 ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	1558	0.491 ug/L	92
68) 1,2,4-trichlorobenzene	13.29	180	2101	0.737 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	1665	0.576 ug/L	93

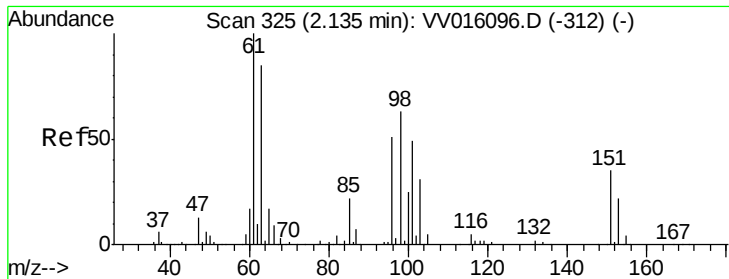
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051820\
Data File : VV016098.D
Acq On : 18 May 2020 13:56
Operator : SY/MD
Sample : VV0518WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 19 04:48:43 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 19 04:04:01 2020
Response via : Initial Calibration





#10

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

Concen: 0.775 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016098.D

Acq: 18 May 2020 13:56

Instrument :

MSVOA_V

ClientSampled :

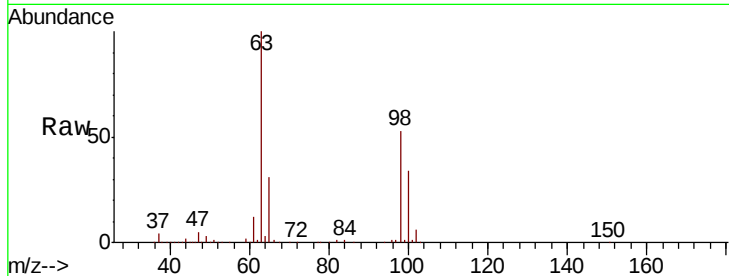
Tot Ion:101 Resp: 1600

Ion Ratio Lower Upper

101 100

85 9.1 36.2 54.4#

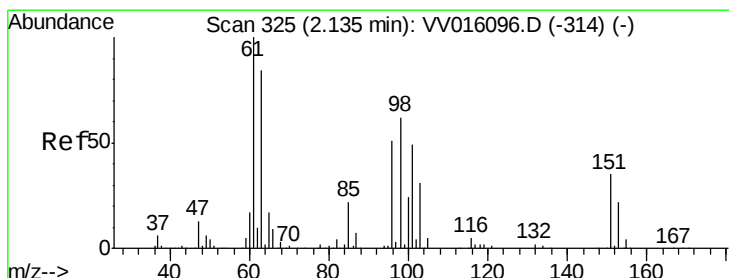
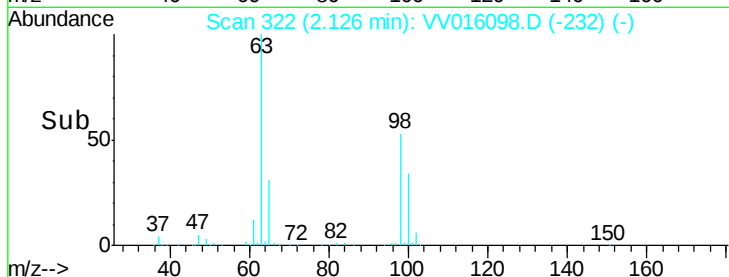
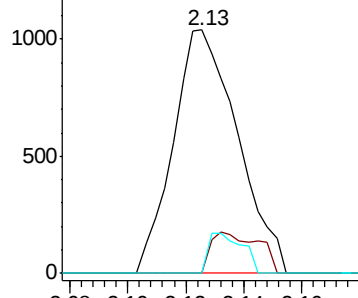
151 8.7 56.9 85.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.764 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016098.D

Acq: 18 May 2020 13:56

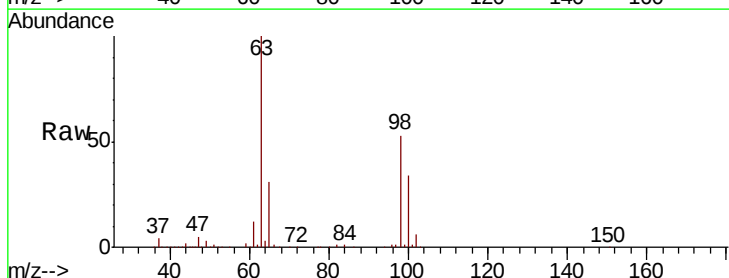
Tgt Ion: 96 Resp: 1448

Ion Ratio Lower Upper

96 100

61 1362.8 136.8 254.2#

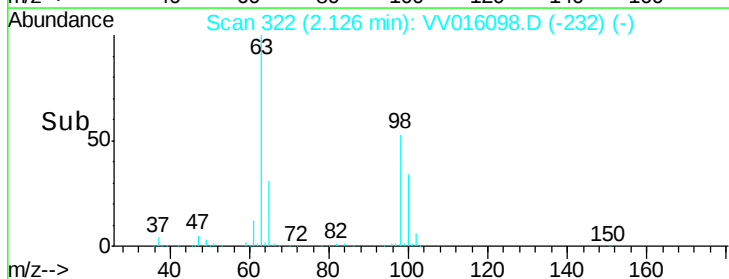
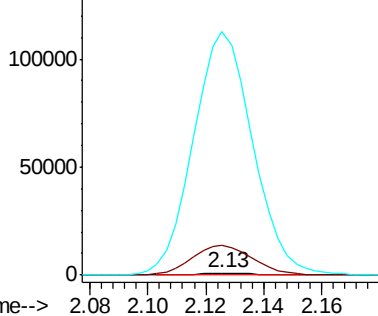
63 11075.0 116.6 216.5#

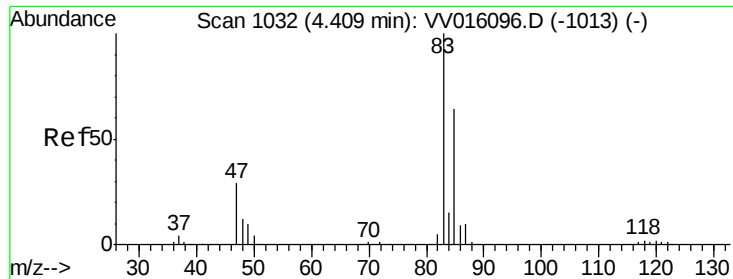


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

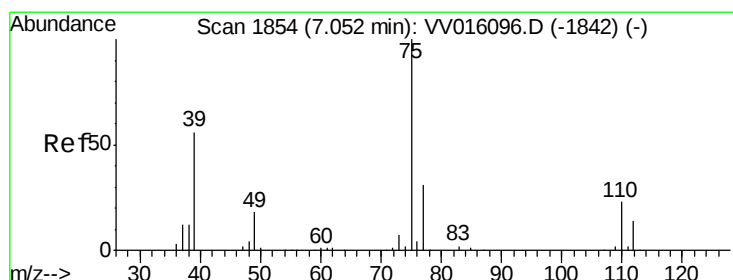
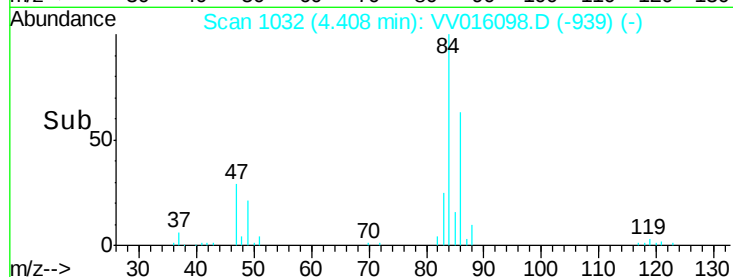
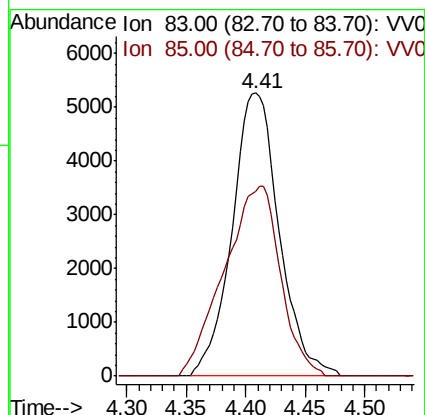
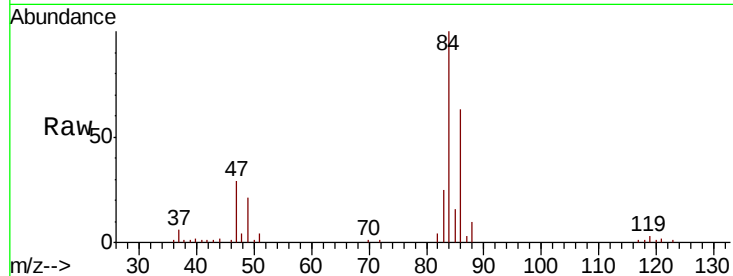




#25
Chloroform
Concen: 3.220 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. -0.00 min
Lab File: VV016098.D
Acq: 18 May 2020 13:56

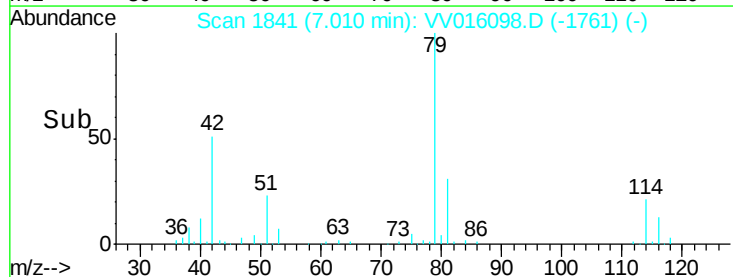
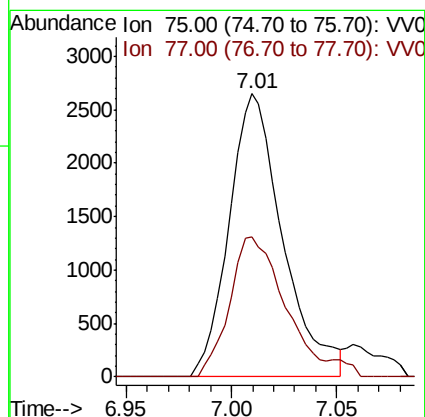
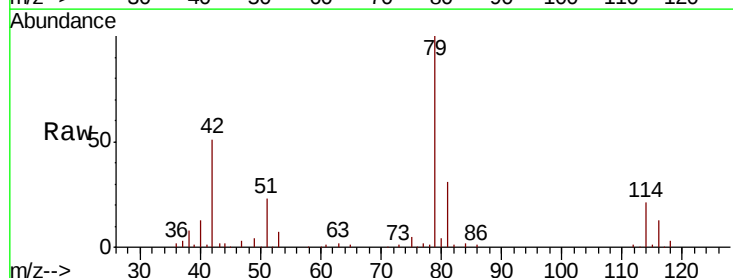
Instrument :
MSVOA_V
ClientSampleId :

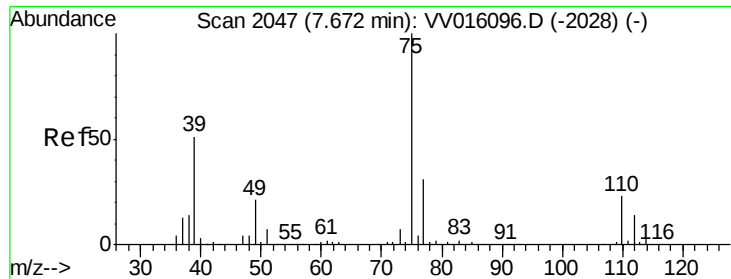
Tot Ion: 83 Resp: 14467
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.9



#39
cis-1,3-Dichloropropene
Concen: 1.276 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016098.D
Acq: 18 May 2020 13:56

Tgt Ion: 75 Resp: 4670
Ion Ratio Lower Upper
75 100
77 49.4 22.3 41.3#





#44

trans-1,3-Dichloropropene

Concen: 1.000 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016098.D

Acq: 18 May 2020 13:56

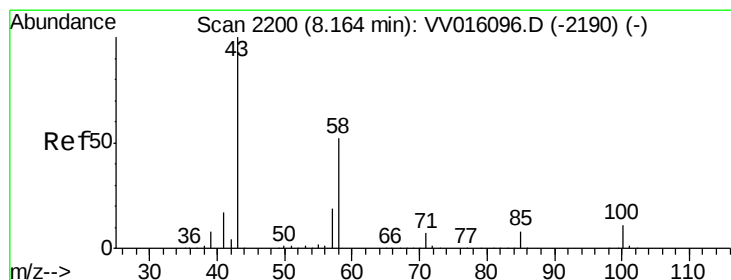
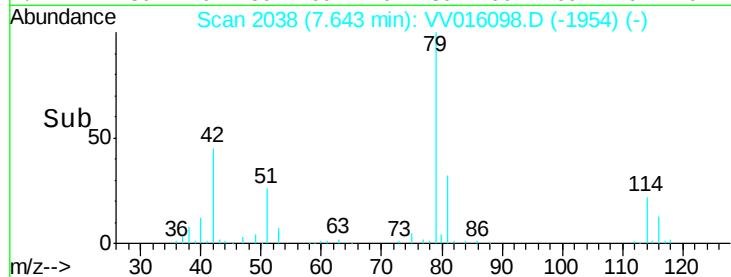
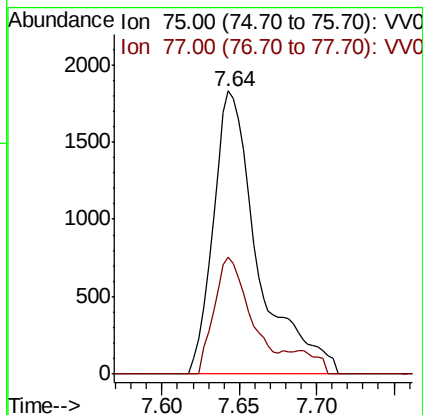
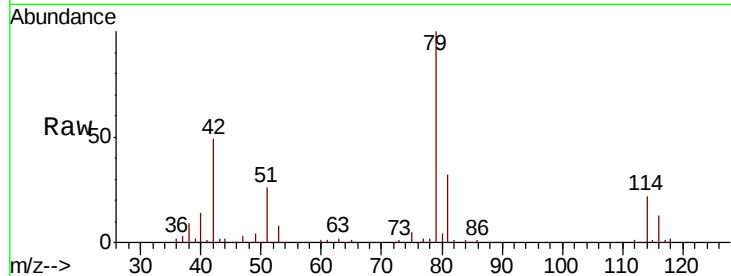
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 3667

Ion Ratio Lower Upper

75 100

77 41.3 21.3 39.6#



#48

2-Hexanone

Concen: 5.506 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016098.D

Acq: 18 May 2020 13:56

Tgt Ion: 43 Resp: 12721

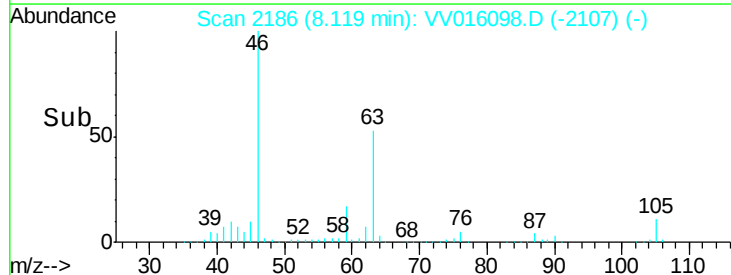
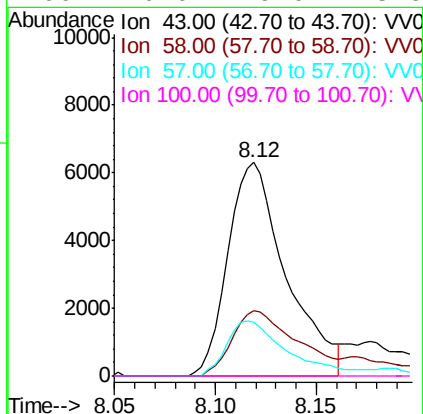
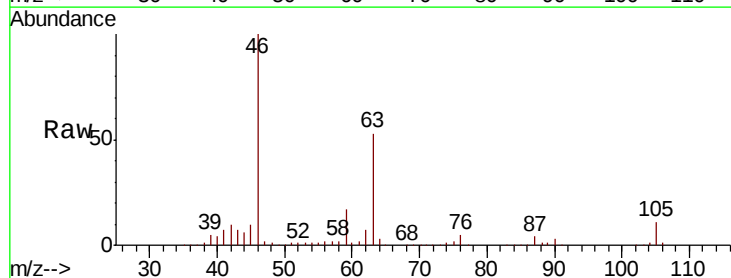
Ion Ratio Lower Upper

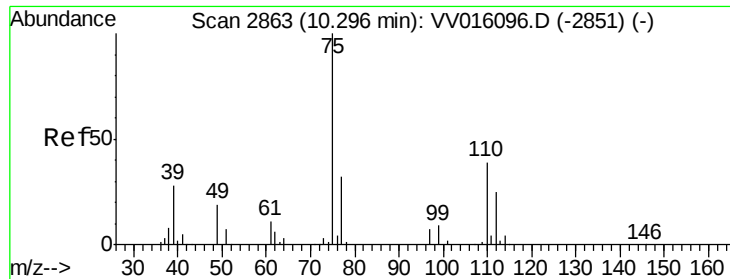
43 100

58 34.2 40.9 61.3#

57 26.7 15.0 22.4#

100 0.0 9.0 13.6#

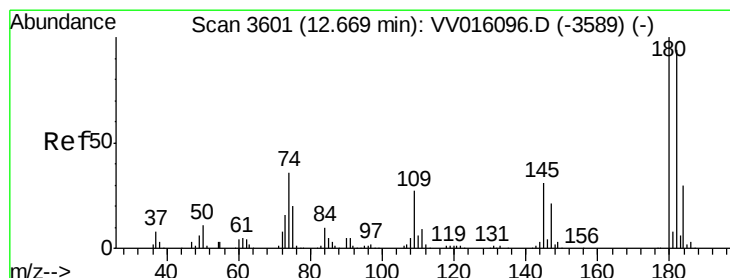
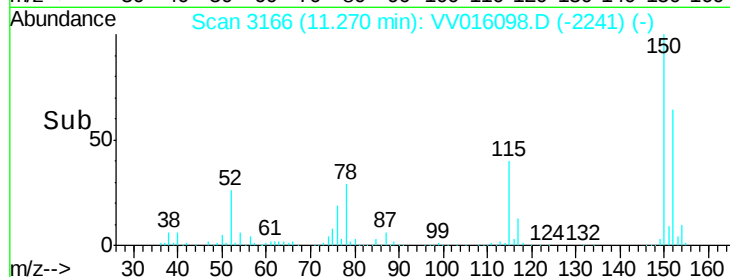
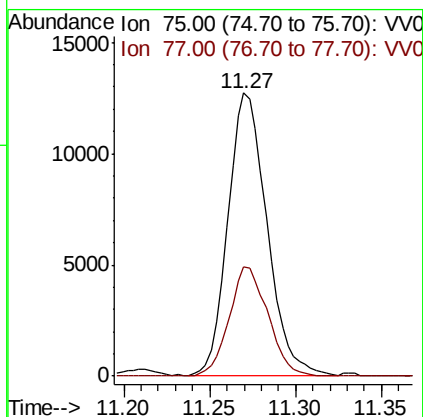
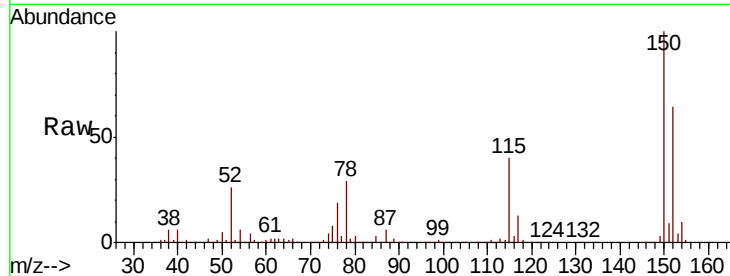




#59
 1,2,3-Trichloropropane
 Concen: 6.977 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.97 min
 Lab File: VV016098.D
 Acq: 18 May 2020 13:56

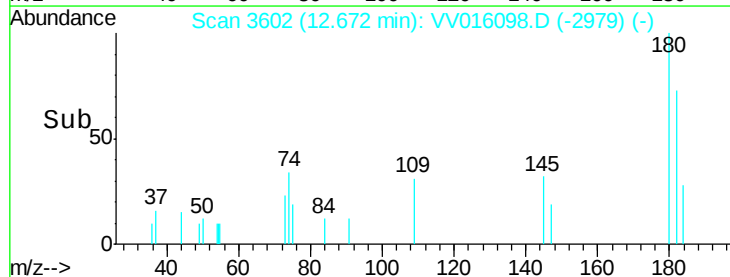
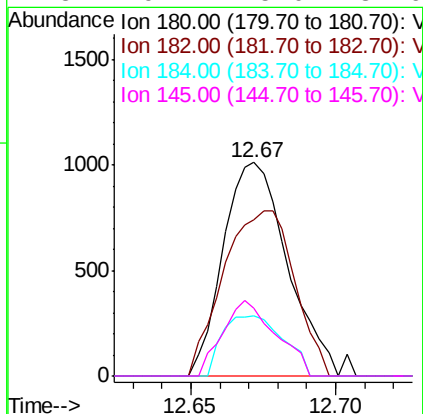
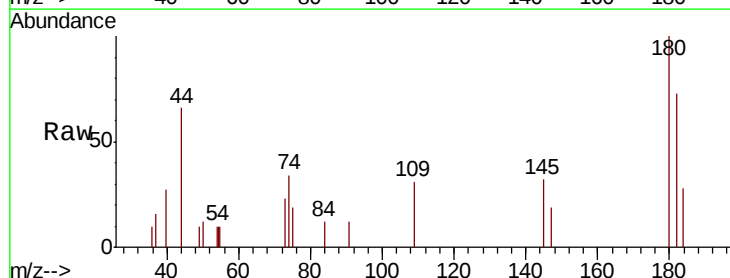
Instrument :
 MSVOA_V
 ClientSampleId :

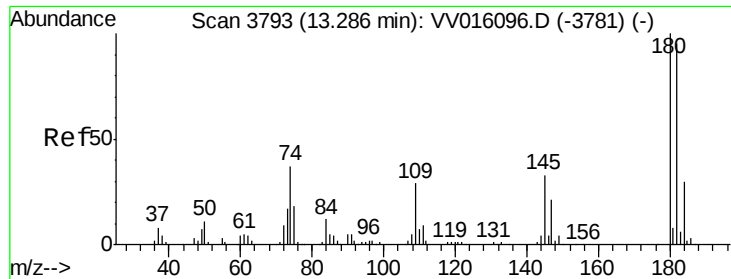
Tot Ion: 75 Resp: 20122
 Ion Ratio Lower Upper
 75 100
 77 38.3 25.5 38.3



#67
 1,3,5-Trichlorobenzene
 Concen: 0.491 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.00 min
 Lab File: VV016098.D
 Acq: 18 May 2020 13:56

Tgt Ion: 180 Resp: 1558
 Ion Ratio Lower Upper
 180 100
 182 85.4 75.8 113.6
 184 26.5 24.3 36.5
 145 29.2 25.0 37.6

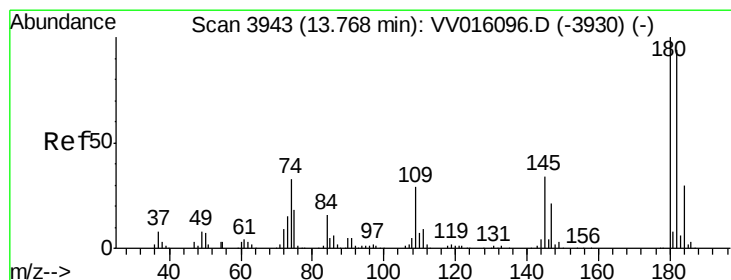
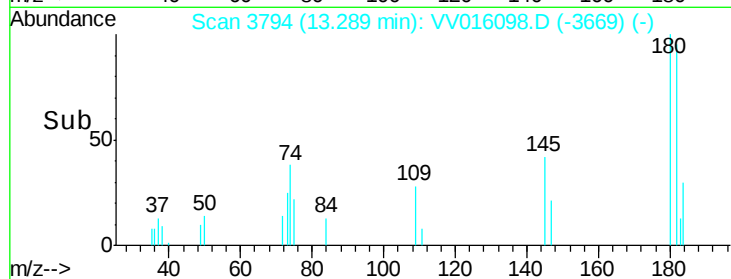
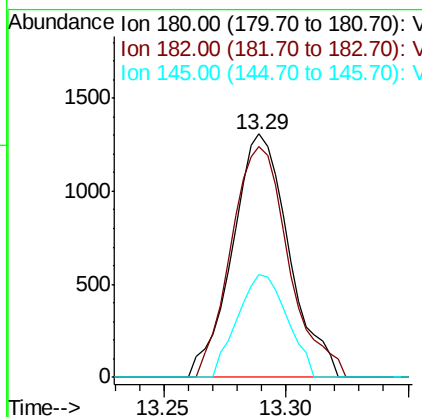
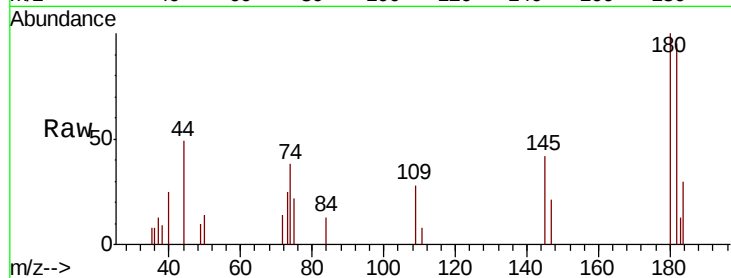




#68
 1,2,4-trichlorobenzene
 Concen: 0.737 ug/L
 RT: 13.29 min Scan# 3794
 Delta R.T. 0.00 min
 Lab File: VV016098.D
 Acq: 18 May 2020 13:56

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 2101
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.2 114.4
 145 37.1 26.2 39.2



#70
 1,2,3-Trichlorobenzene
 Concen: 0.576 ug/L
 RT: 13.77 min Scan# 3945
 Delta R.T. 0.01 min
 Lab File: VV016098.D
 Acq: 18 May 2020 13:56

Tgt Ion:180 Resp: 1665
 Ion Ratio Lower Upper
 180 100
 182 101.7 75.3 112.9
 145 31.0 27.4 41.0

