

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016043.D
 Acq On : 13 May 2020 16:06
 Operator : SY/MD
 Sample : L2542-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 02:30:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	149792	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147022	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66118	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46589	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.58	69	44264	5.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.00%
11) 1,1-Dichloroethene-d2	2.13	63	69537	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.94	46	121363	52.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.72%
24) Chloroform-d	4.38	84	94578	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.06	65	52529	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.08	84	181667	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	55651	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	160994	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
45) trans-1,3-Dichloropropene-	7.65	79	17178	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.12	63	89393	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38743	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	56714	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

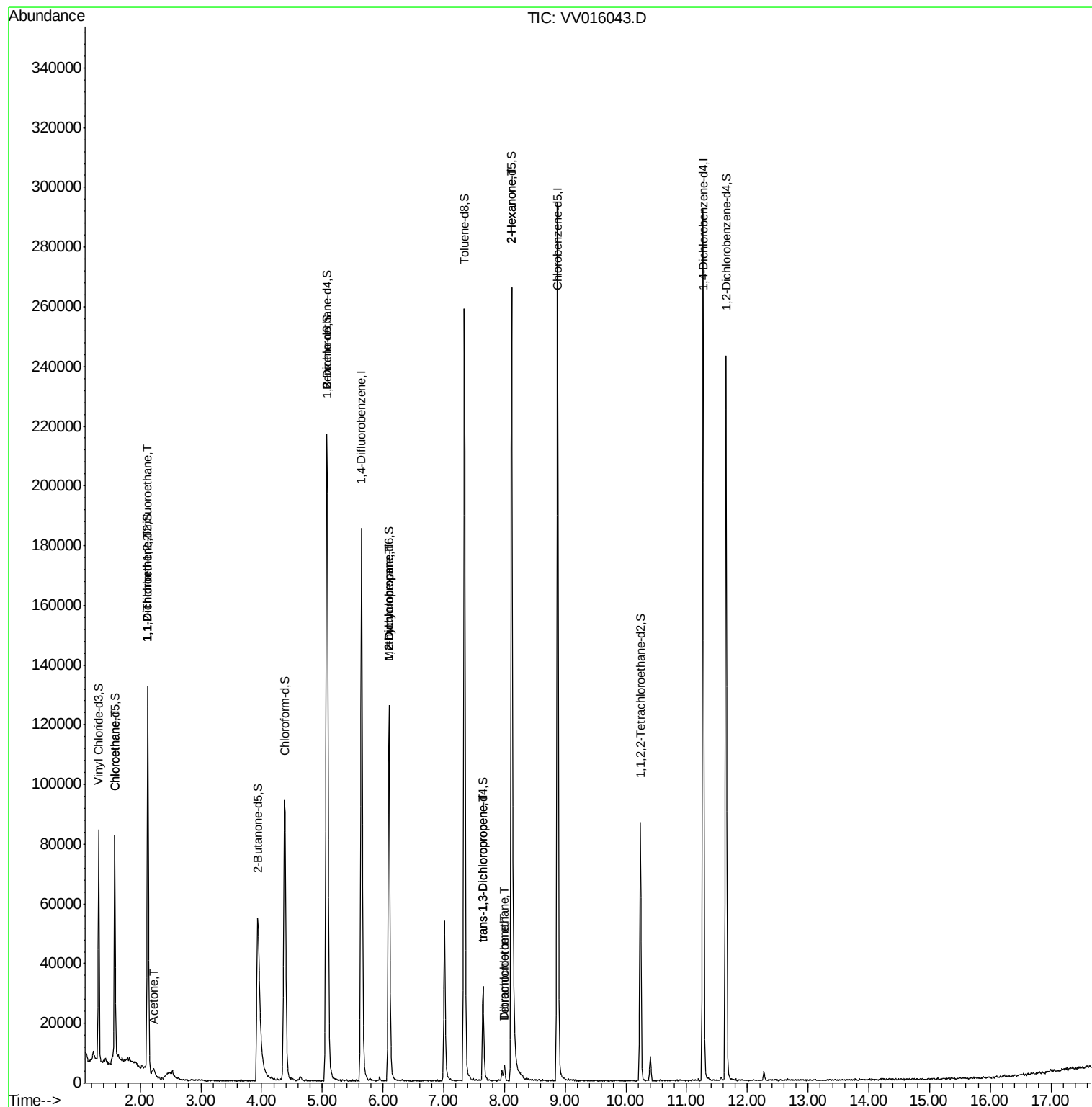
					Ovalue
8) Chloroethane	1.58	64	11730	1.482 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	693	0.080 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	1618	0.196 ug/L #	1
13) Acetone	2.23	43	5022	3.284 ug/L	94
35) Methylcyclohexane	6.10	83	14023	0.878 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7241	0.771 ug/L #	87
46) trans-1,3-Dichloropropene	7.65	75	936	0.083 ug/L	96
49) Tetrachloroethene	8.00	164	1183	0.161 ug/L	86
50) 2-Hexanone	8.12	43	15169	3.662 ug/L #	84
51) Dibromochloromethane	8.00	129	1114	0.158 ug/L #	9

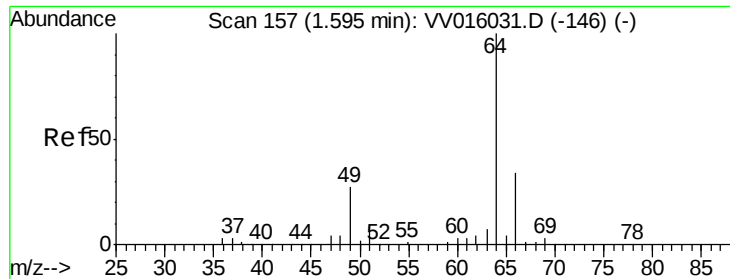
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.482 ug/L

RT: 1.58 min Scan# 153

Delta R.T. -0.01 min

Lab File: VV016043.D

Acq: 13 May 2020 16:06

Instrument :

MSVOA_V

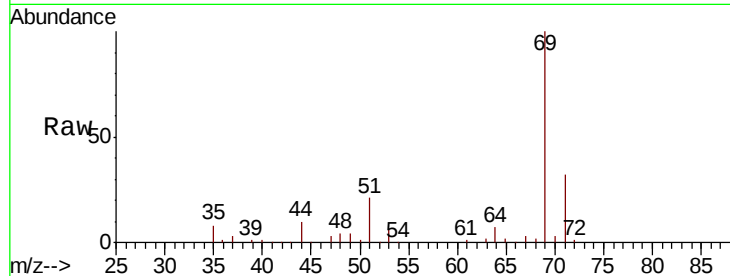
ClientSampleId :

Tot Ion: 64 Resp: 11730

Ion Ratio Lower Upper

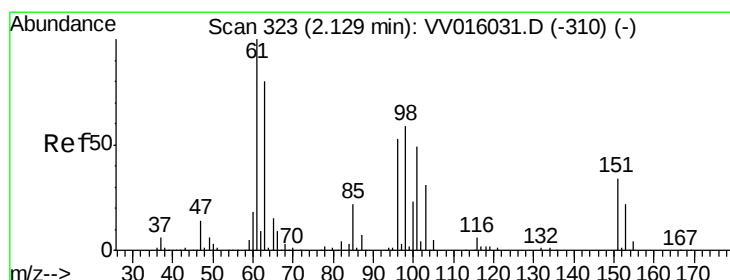
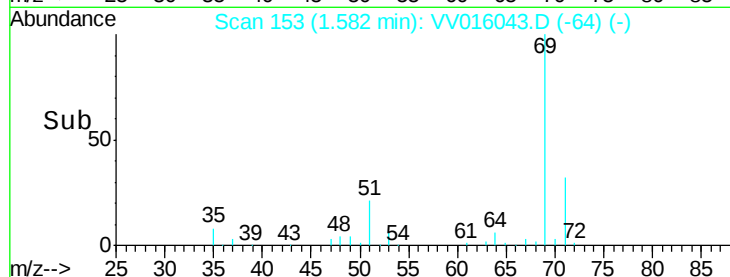
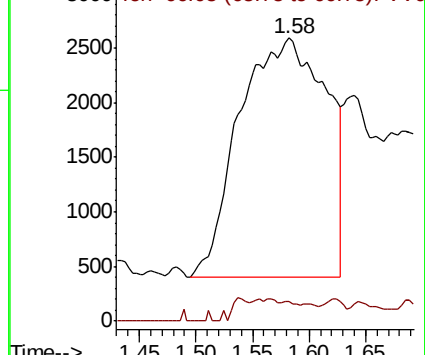
64 100

66 6.9 23.6 43.8#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#10

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

Concen: 0.080 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV016043.D

Acq: 13 May 2020 16:06

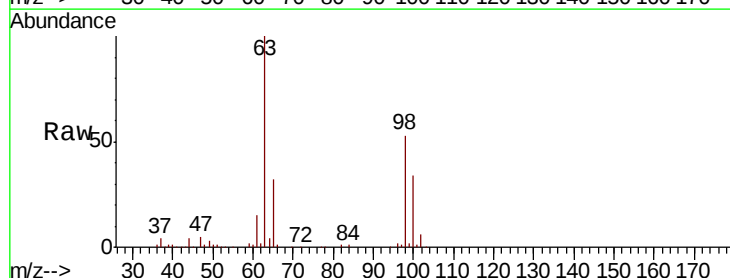
Tgt Ion: 101 Resp: 693

Ion Ratio Lower Upper

101 100

85 2.7 35.7 53.5#

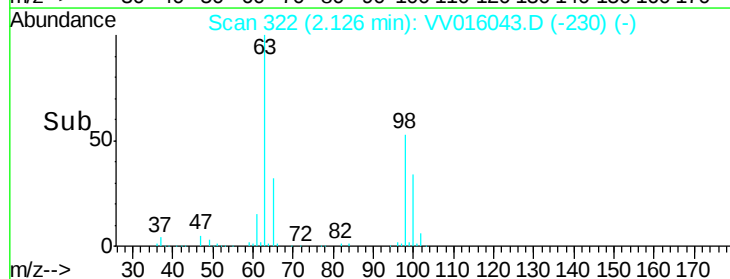
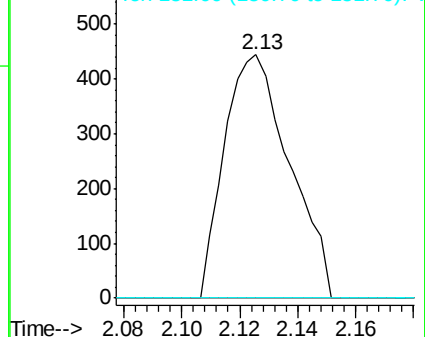
151 0.0 58.0 87.0#

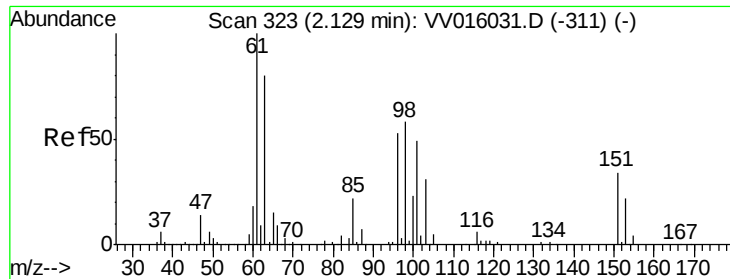


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

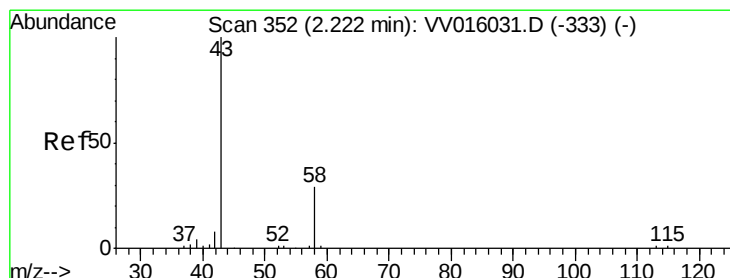
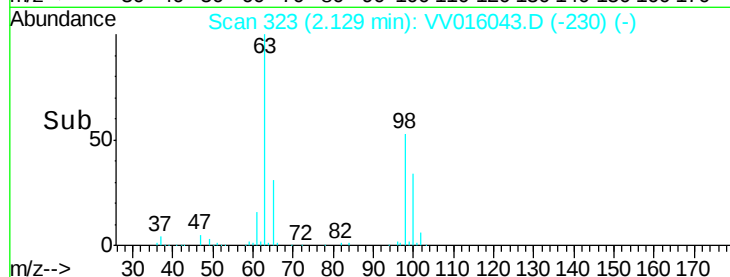
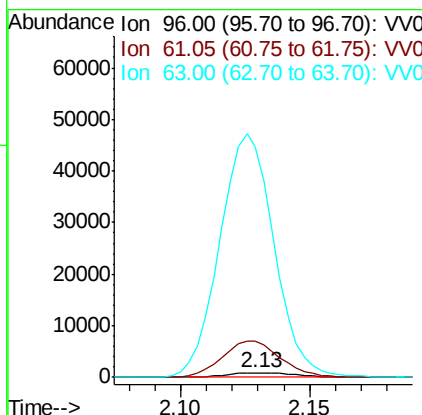
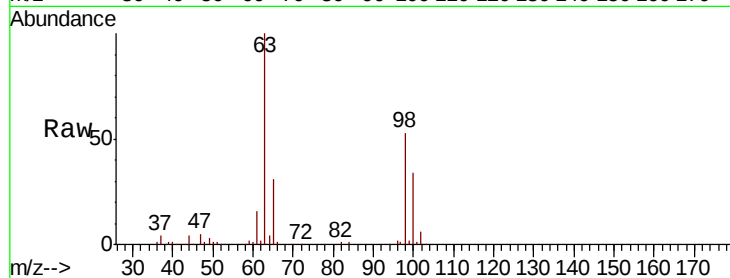




#12
 1,1-Dichloroethene
 Concen: 0.196 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV016043.D
 Acq: 13 May 2020 16:06

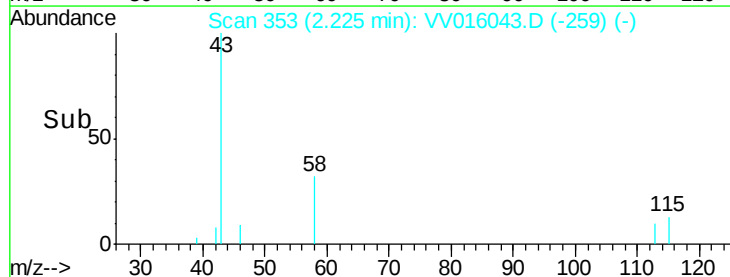
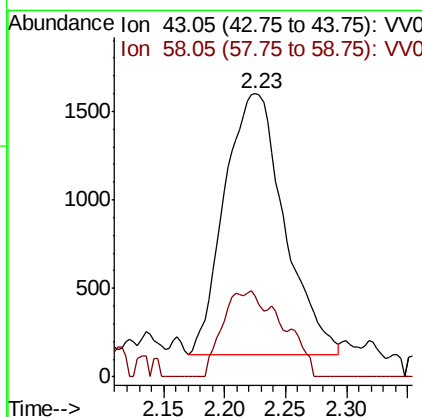
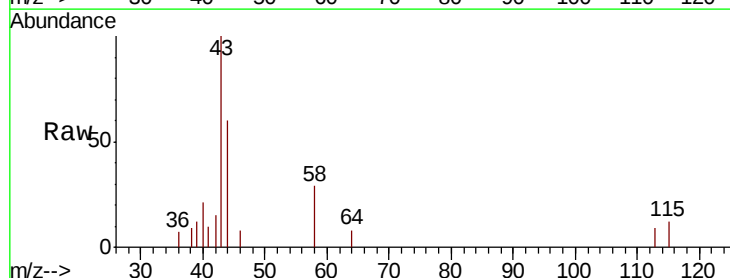
Instrument :
 MSVOA_V
 ClientSampled :

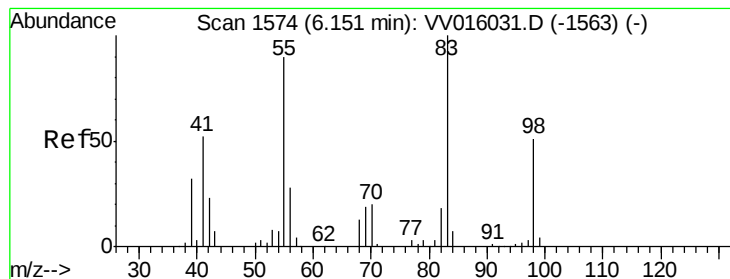
Tot Ion: 96 Resp: 1618
 Ion Ratio Lower Upper
 96 100
 61 734.3 139.9 259.7#
 63 4716.6 106.4 197.6#



#13
 Acetone
 Concen: 3.284 ug/L
 RT: 2.23 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VV016043.D
 Acq: 13 May 2020 16:06

Tgt Ion: 43 Resp: 5022
 Ion Ratio Lower Upper
 43 100
 58 12.7 0.0 30.8





#35

Methvlcvclohexane

Concen: 0.878 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016043.D

Acq: 13 May 2020 16:06

Instrument :

MSVOA_V

ClientSampleId :

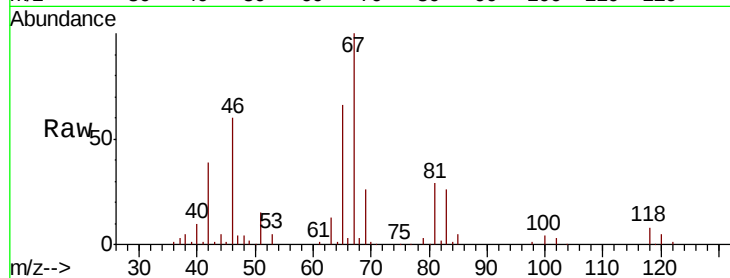
Tot Ion: 83 Resp: 14023

Ion Ratio Lower Upper

83 100

55 0.5 66.2 99.2#

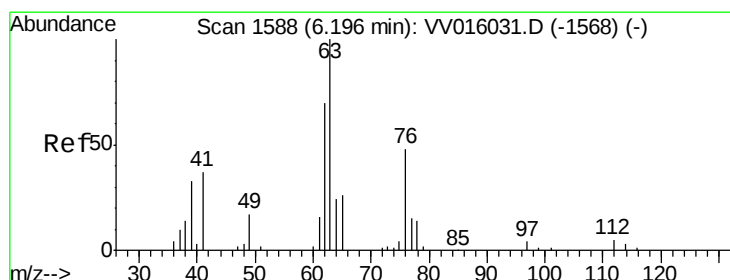
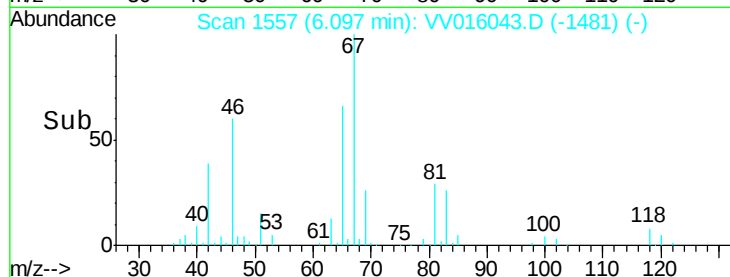
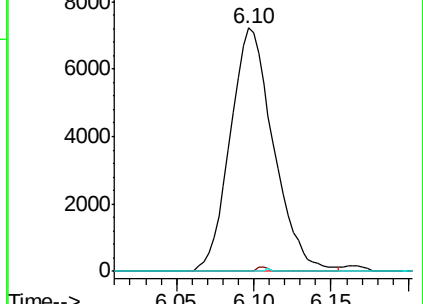
98 0.1 37.9 56.9#



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: 0.771 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016043.D

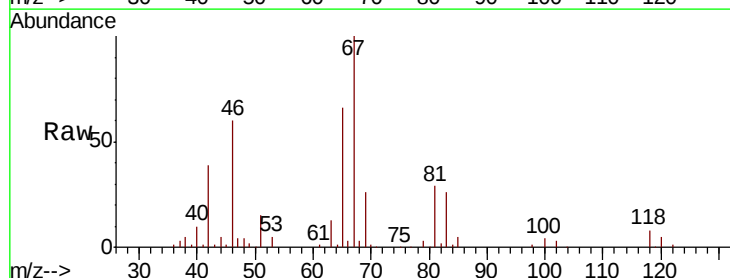
Acq: 13 May 2020 16:06

Tgt Ion: 63 Resp: 7241

Ion Ratio Lower Upper

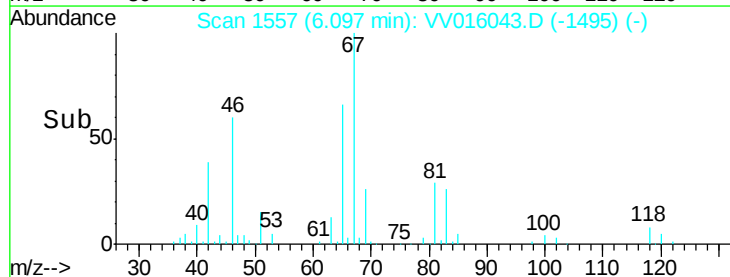
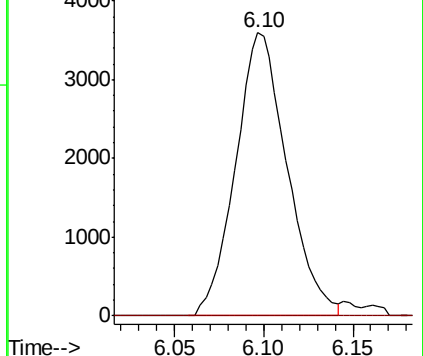
63 100

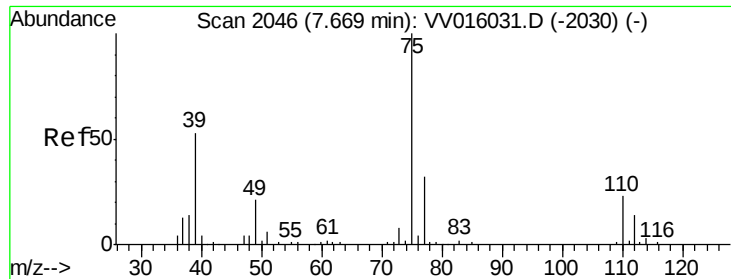
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

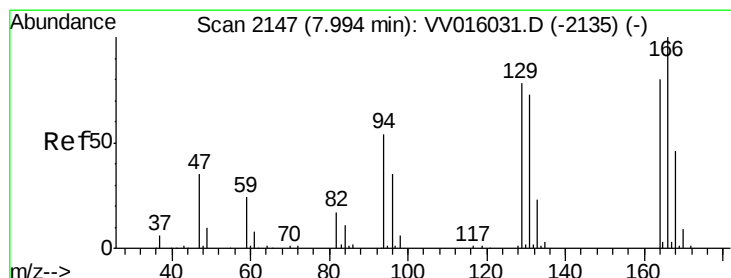
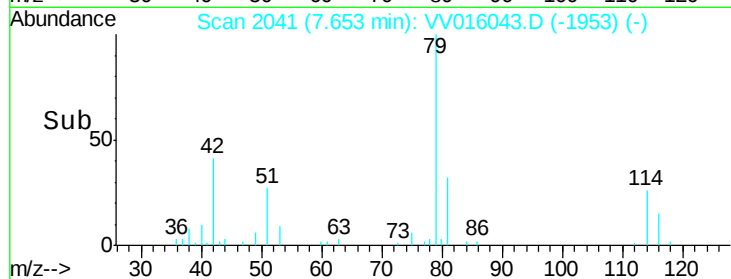
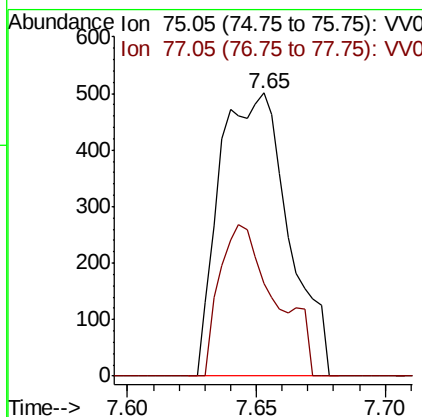
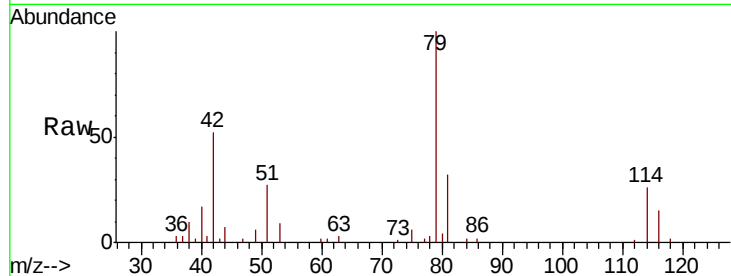




#46
trans-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV016043.D
Acq: 13 May 2020 16:06

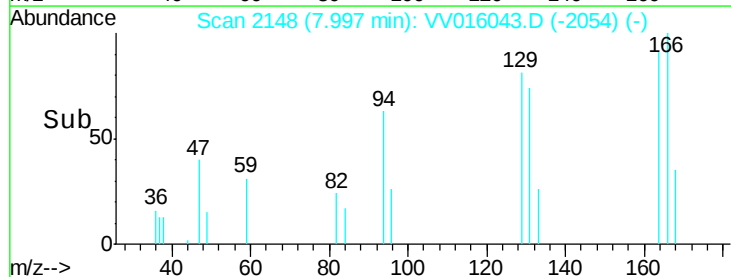
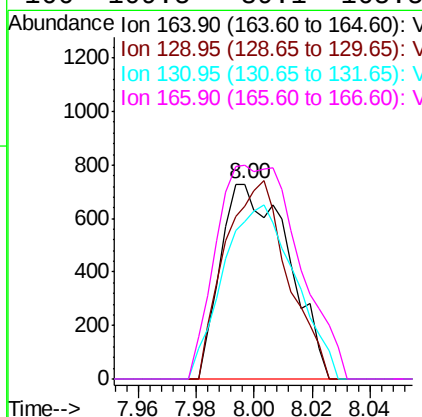
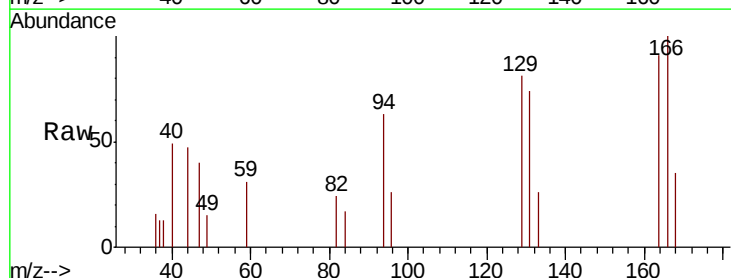
Instrument :
MSVOA_V
ClientSampled :

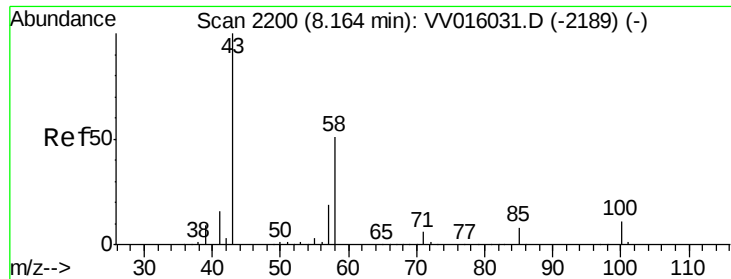
Tot Ion: 75 Resp: 936
Ion Ratio Lower Upper
75 100
77 32.7 21.3 39.6



#49
Tetrachloroethene
Concen: 0.161 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV016043.D
Acq: 13 May 2020 16:06

Tgt Ion: 164 Resp: 1183
Ion Ratio Lower Upper
164 100
129 88.4 69.7 129.4
131 81.0 66.8 124.2
166 109.5 89.1 165.5

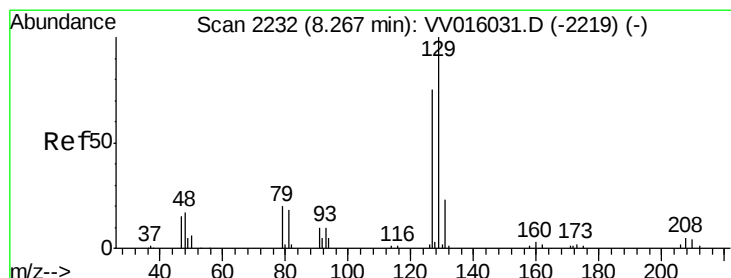
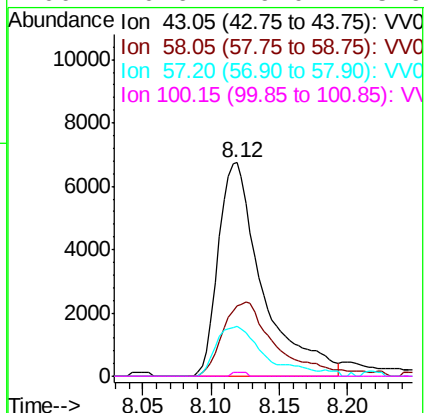
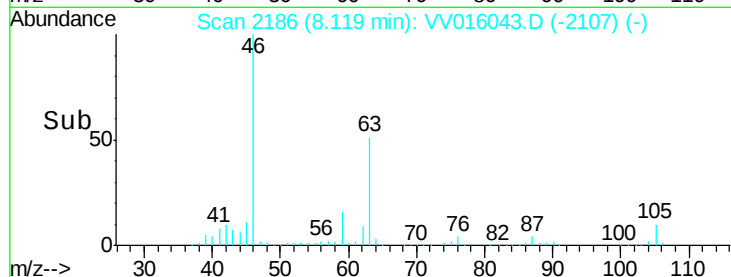
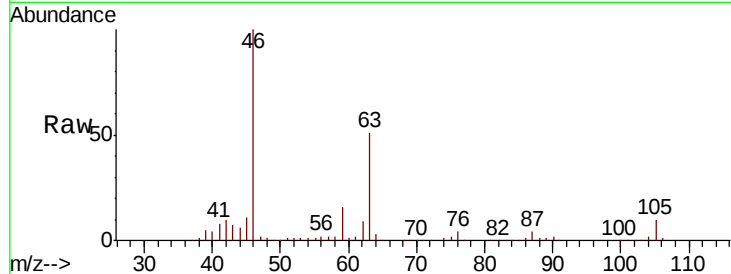




#50
2-Hexanone
Concen: 3.662 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016043.D
Acq: 13 May 2020 16:06

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 15169
Ion Ratio Lower Upper
43 100
58 42.0 40.8 61.2
57 25.4 14.7 22.1#
100 0.6 9.0 13.6#



#51
Dibromochloromethane
Concen: 0.158 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV016043.D
Acq: 13 May 2020 16:06

Tgt Ion: 129 Resp: 1114
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

