

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016038.D
 Acq On : 13 May 2020 14:12
 Operator : SY/MD
 Sample : L2542-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 02:29:10 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	5.64	114	147307	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	147009	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	66239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51243	6.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.20%
7) Chloroethane-d5	1.58	69	47385	6.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	125.20%
11) 1,1-Dichloroethene-d2	2.13	63	76276	4.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.80%
20) 2-Butanone-d5	3.93	46	126065	55.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.60%
24) Chloroform-d	4.38	84	102464	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
26) 1,2-Dichloroethane-d4	5.06	65	55735	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
32) Benzene-d6	5.08	84	198254	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.40%
36) 1,2-Dichloropropane-d6	6.10	67	60555	5.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.40%
41) Toluene-d8	7.34	98	176163	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
45) trans-1,3-Dichloropropene-	7.65	79	19584	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
48) 2-Hexanone-d5	8.12	63	96241	52.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.56%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41494	5.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	62222	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

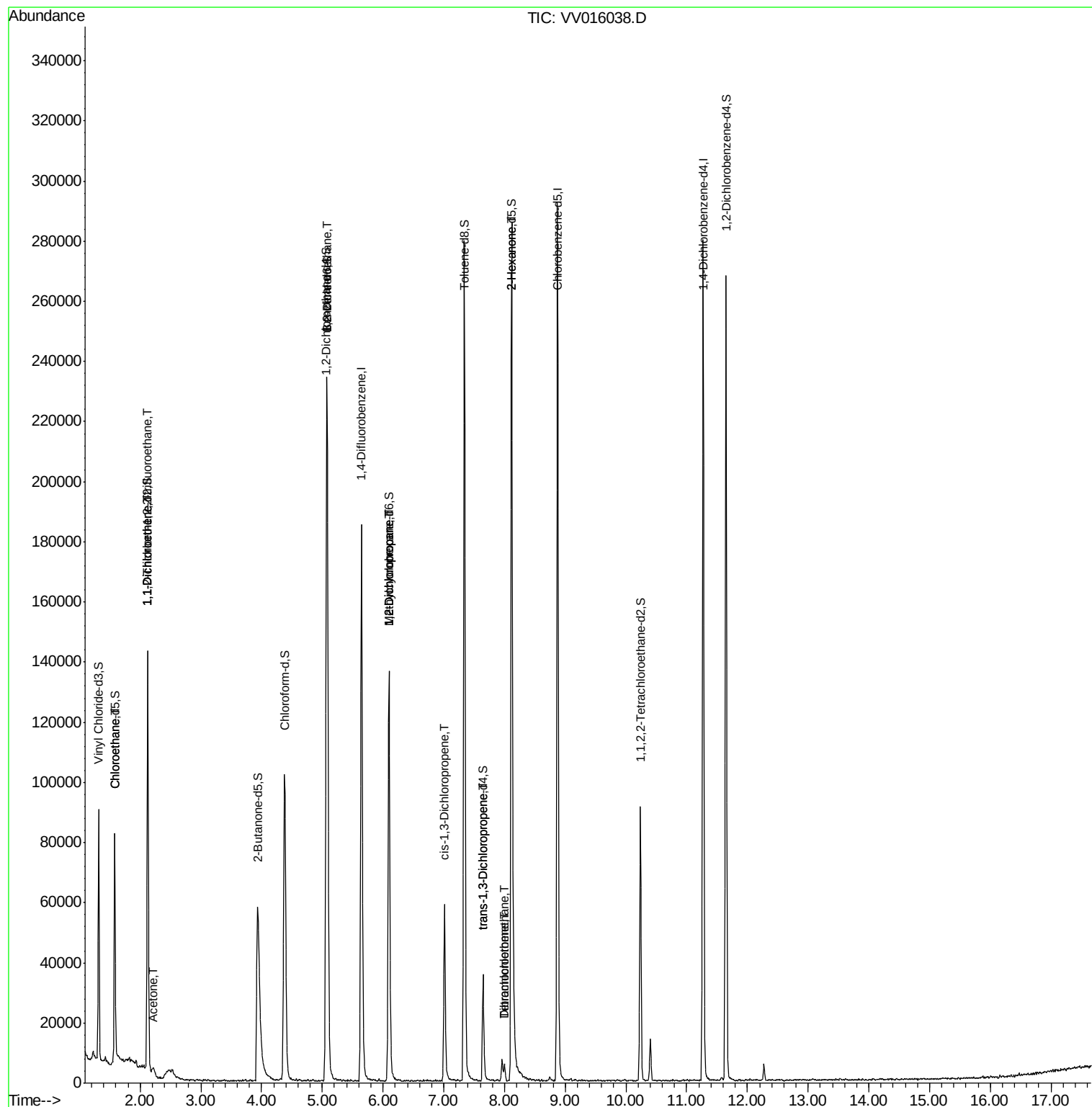
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.59	64	4188	0.538	ug/L #	59
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	795	0.094	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	704	0.087	ug/L #	1
13) Acetone	2.22	43	5519	3.670	ug/L	95
27) 1,2-Dichloroethane	5.07	62	777	0.067	ug/L #	76
35) Methylcyclohexane	6.10	83	15417	0.965	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7265	0.773	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1511	0.114	ug/L #	62
46) trans-1,3-Dichloropropene	7.65	75	998	0.089	ug/L #	61
49) Tetrachloroethene	8.00	164	1127	0.153	ug/L	95
50) 2-Hexanone	8.12	43	16403	3.960	ug/L #	78
51) Dibromochloromethane	8.00	129	1073	0.152	ug/L #	9

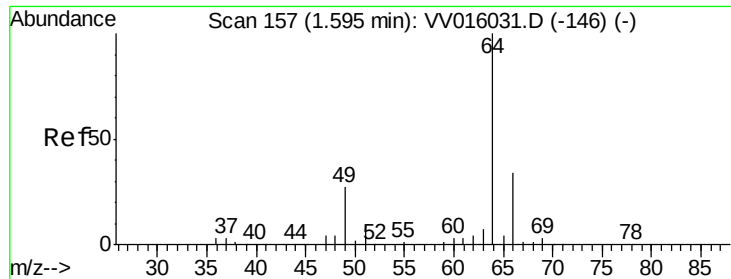
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.538 ug/L

RT: 1.59 min Scan# 154

Delta R.T. -0.01 min

Lab File: VV016038.D

Acq: 13 May 2020 14:12

Instrument :

MSVOA_V

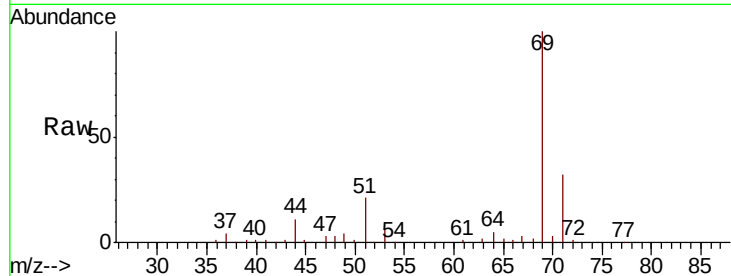
ClientSampleId :

Tot Ion: 64 Resp: 4188

Ion Ratio Lower Upper

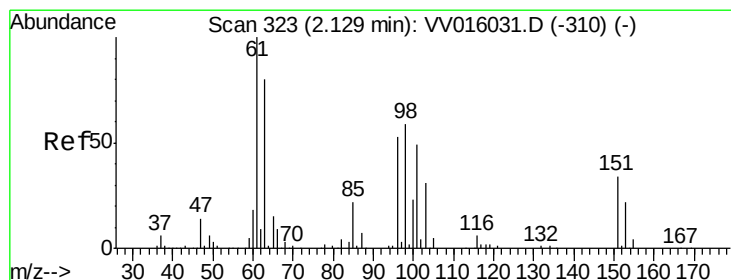
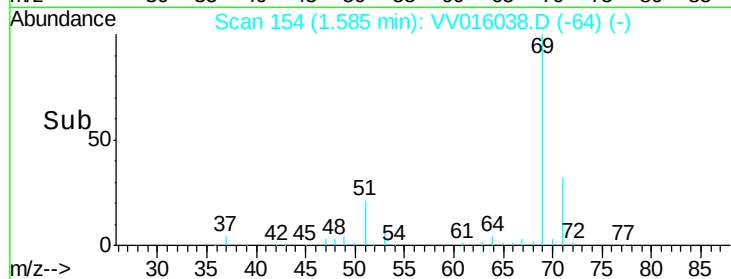
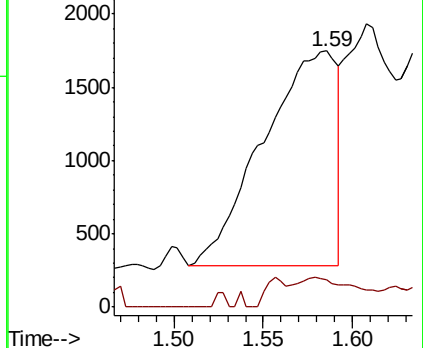
64 100

66 10.5 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: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016038.D

Acq: 13 May 2020 14:12

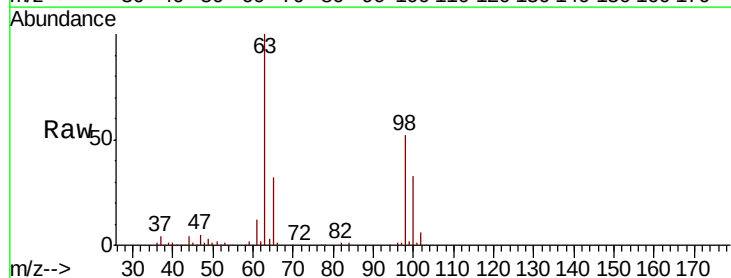
Tgt Ion:101 Resp: 795

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

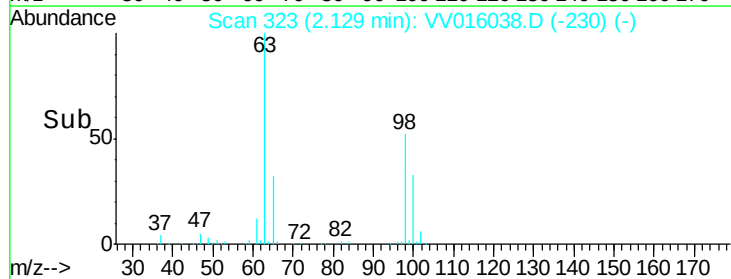
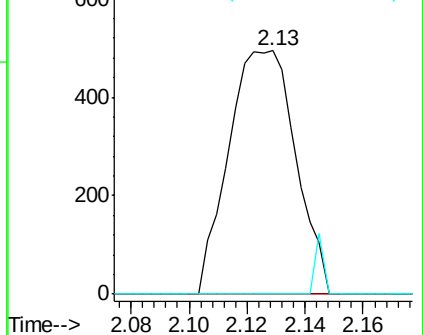
151 3.0 58.0 87.0#

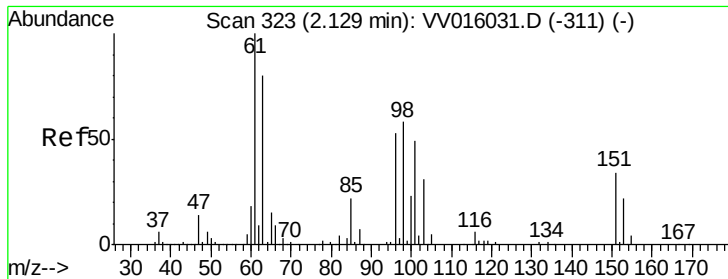


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

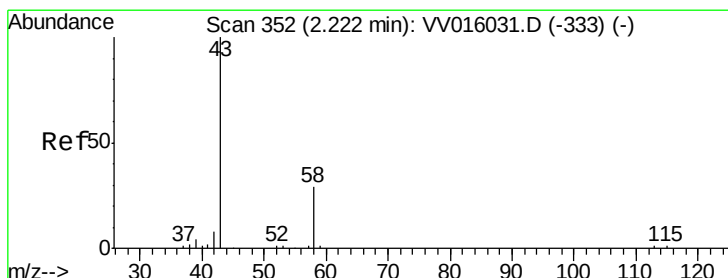
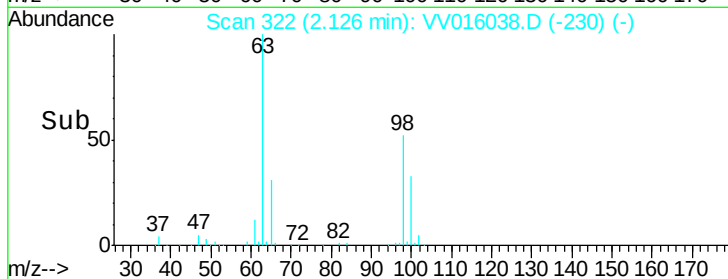
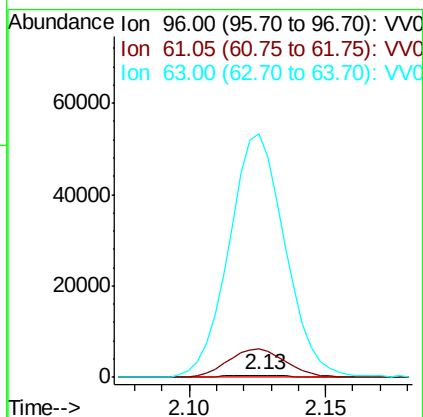
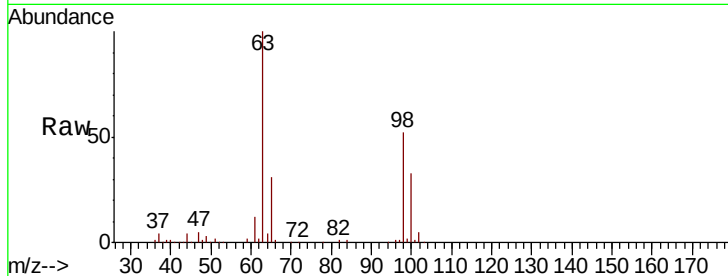




#12
 1,1-Dichloroethene
 Concen: 0.087 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV016038.D
 Acq: 13 May 2020 14:12

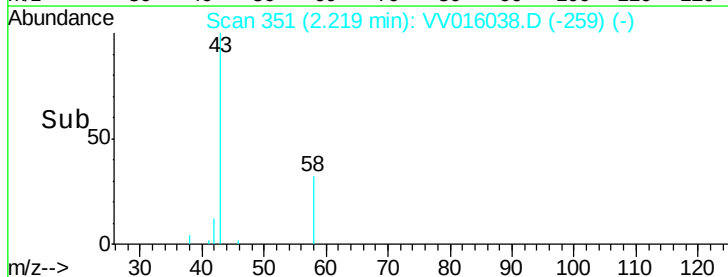
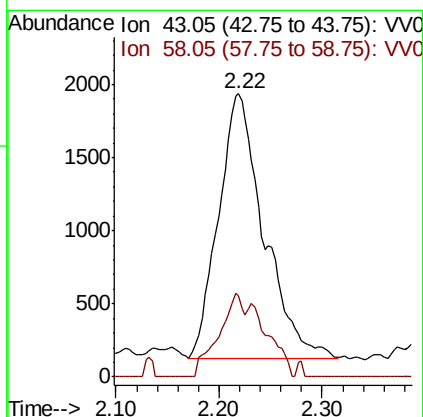
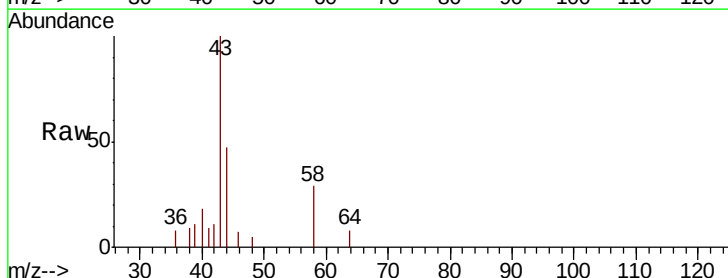
Instrument :
 MSVOA_V
 ClientSampled :

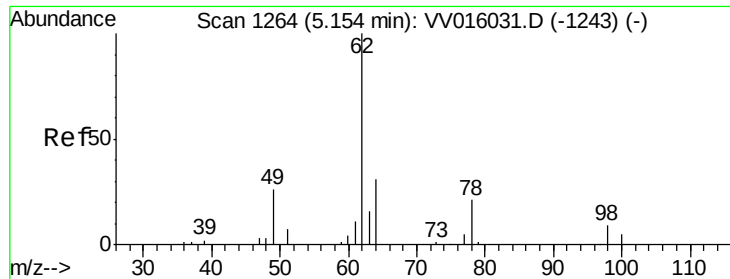
Tot Ion: 96 Resp: 704
 Ion Ratio Lower Upper
 96 100
 61 1538.5 139.9 259.7#
 63 13157.5 106.4 197.6#



#13
 Acetone
 Concen: 3.670 ug/L
 RT: 2.22 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VV016038.D
 Acq: 13 May 2020 14:12

Tgt Ion: 43 Resp: 5519
 Ion Ratio Lower Upper
 43 100
 58 17.5 0.0 30.8

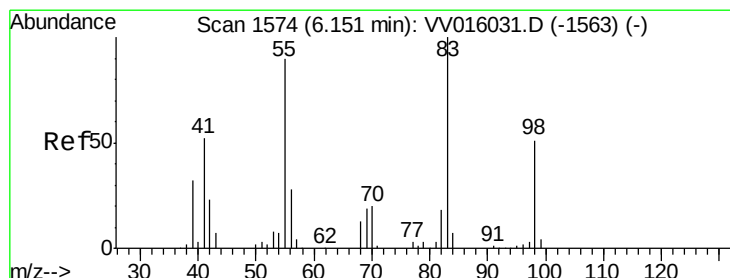
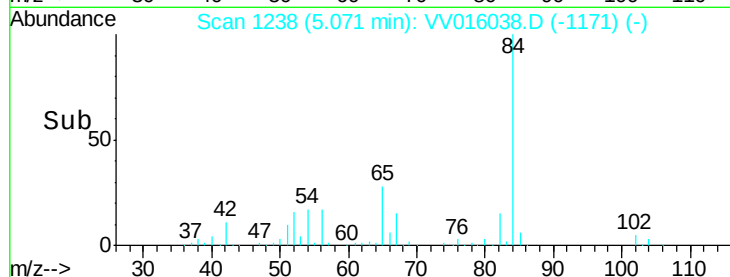
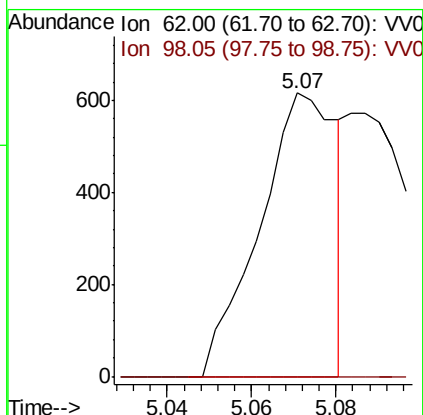
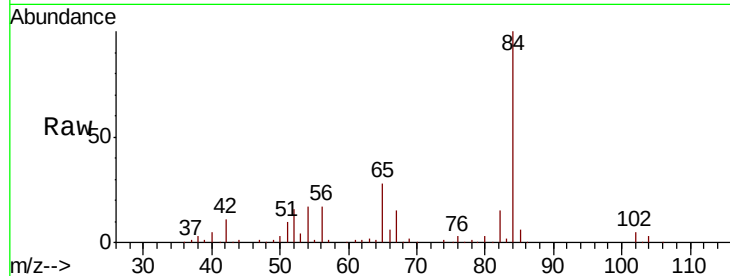




#27
 1,2-Dichloroethane
 Concen: 0.067 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016038.D
 Acq: 13 May 2020 14:12

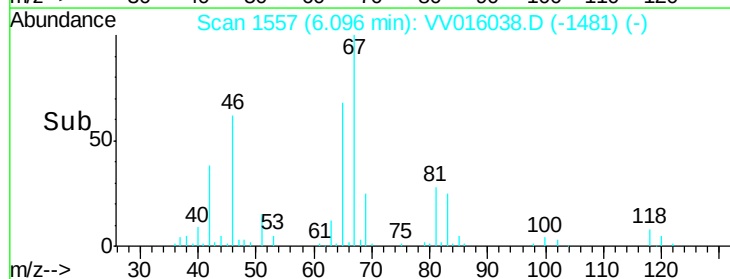
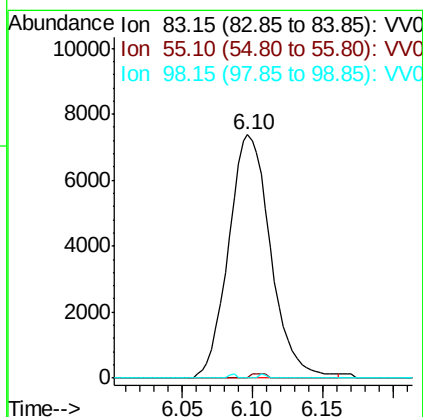
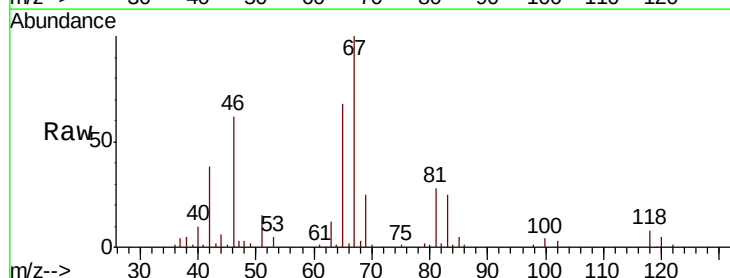
Instrument :
 MSVOA_V
 ClientSampleId :

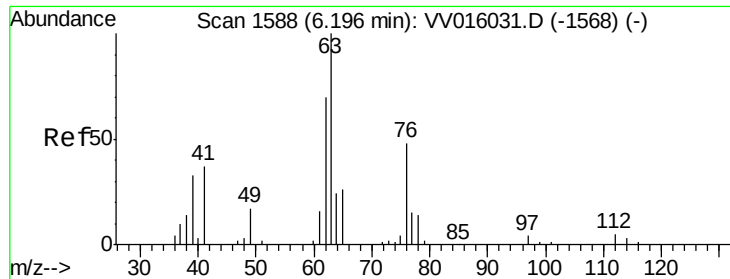
Tot Ion: 62 Resp: 777
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.965 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016038.D
 Acq: 13 May 2020 14:12

Tgt Ion: 83 Resp: 15417
 Ion Ratio Lower Upper
 83 100
 55 0.6 66.2 99.2#
 98 0.3 37.9 56.9#

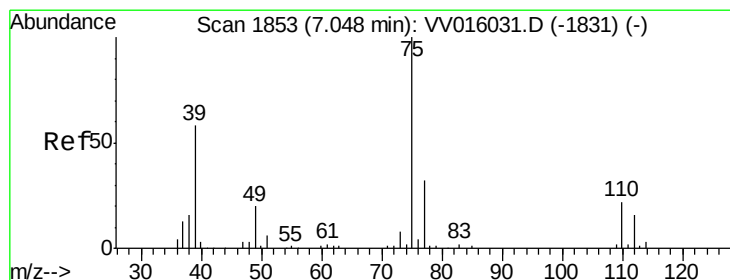
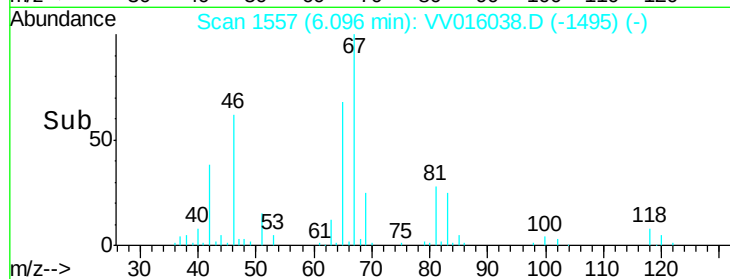
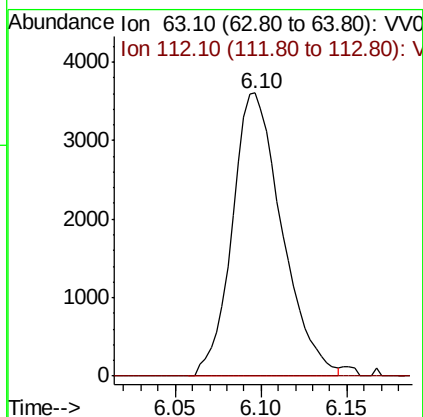
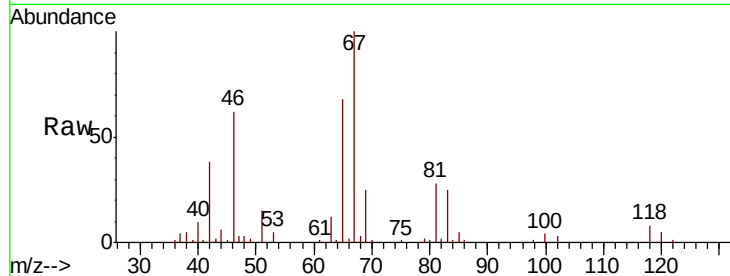




#37
 1,2-Dichloropropane
 Concen: 0.773 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016038.D
 Acq: 13 May 2020 14:12

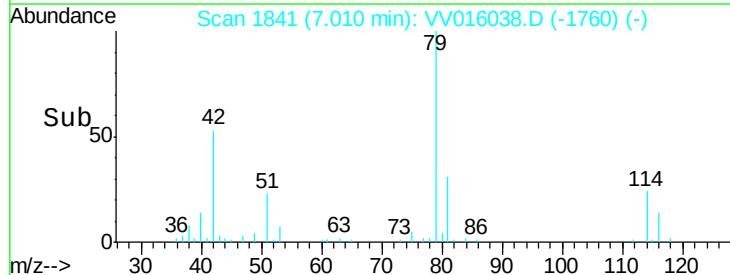
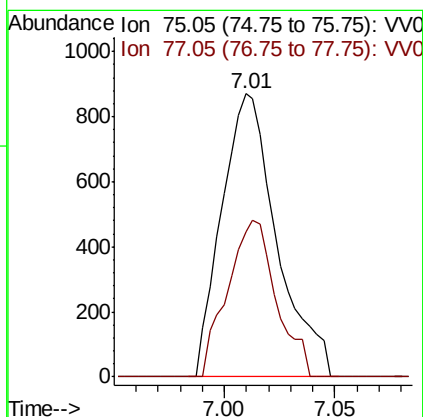
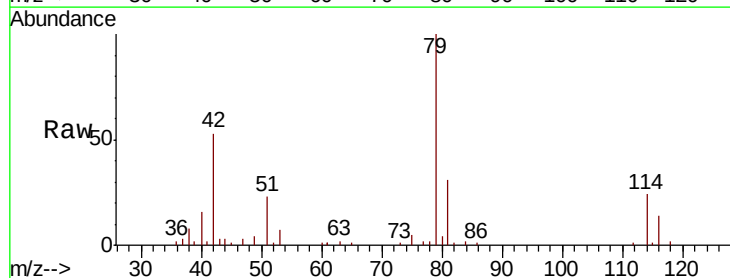
Instrument :
 MSVOA_V
 ClientSampleId :

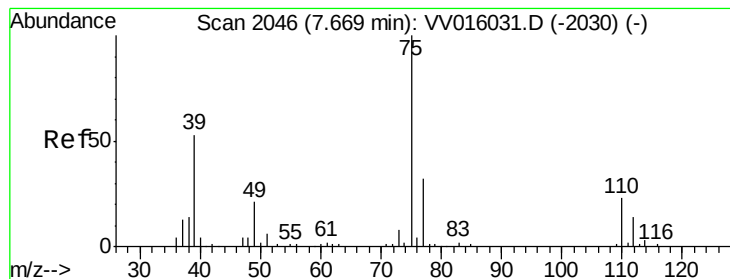
Tot Ion: 63 Resp: 7265
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016038.D
 Acq: 13 May 2020 14:12

Tgt Ion: 75 Resp: 1511
 Ion Ratio Lower Upper
 75 100
 77 51.4 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.089 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.02 min

Lab File: VV016038.D

Acq: 13 May 2020 14:12

Instrument :

MSVOA_V

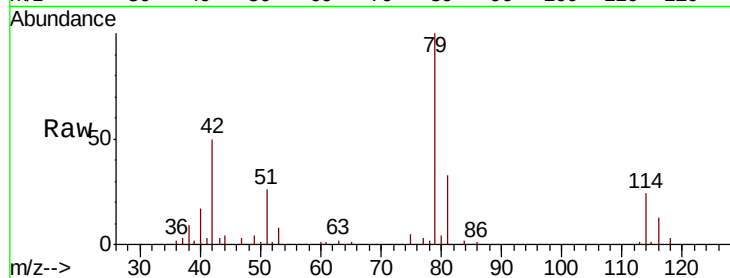
ClientSampleId :

Tot Ion: 75 Resp: 998

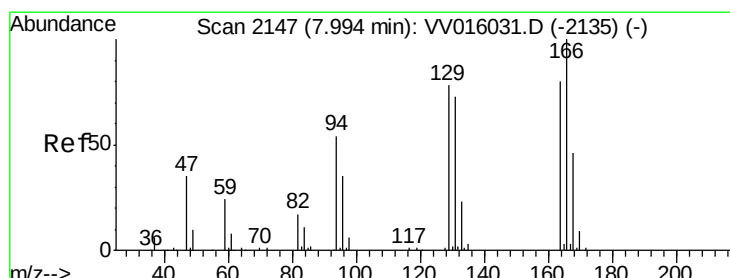
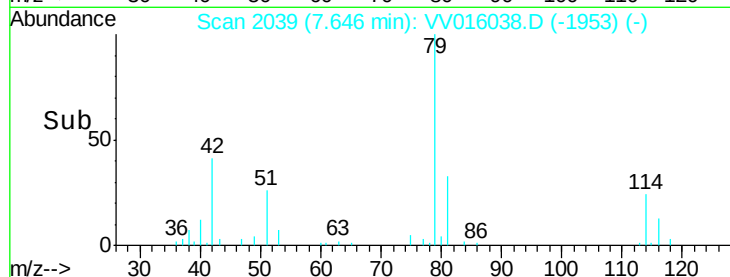
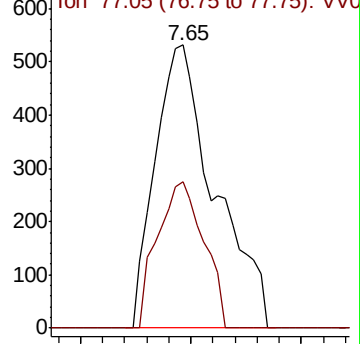
Ion Ratio Lower Upper

75 100

77 51.9 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV016038.D (-1953) (-)



#49

Tetrachloroethene

Concen: 0.153 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016038.D

Acq: 13 May 2020 14:12

Tgt Ion: 164 Resp: 1127

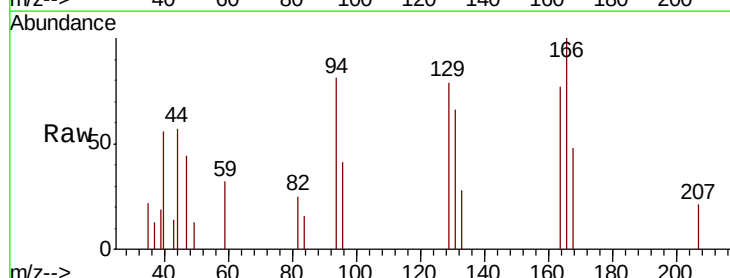
Ion Ratio Lower Upper

164 100

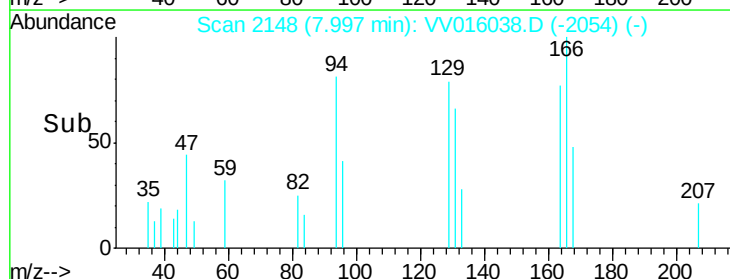
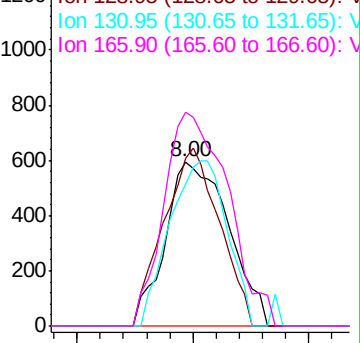
129 102.5 69.7 129.4

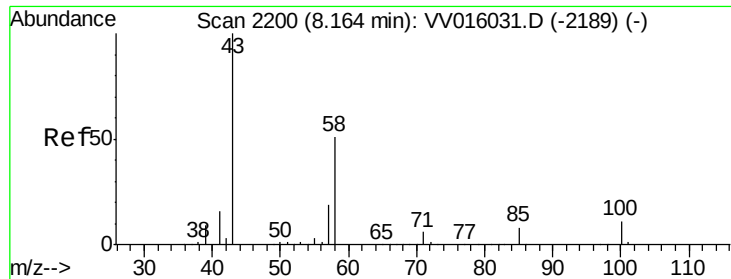
131 86.4 66.8 124.2

166 130.3 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV016038.D (-2054) (-)

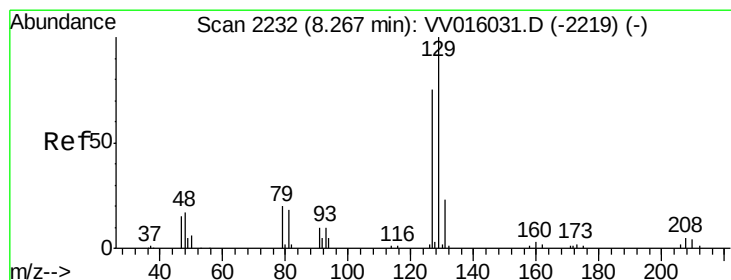
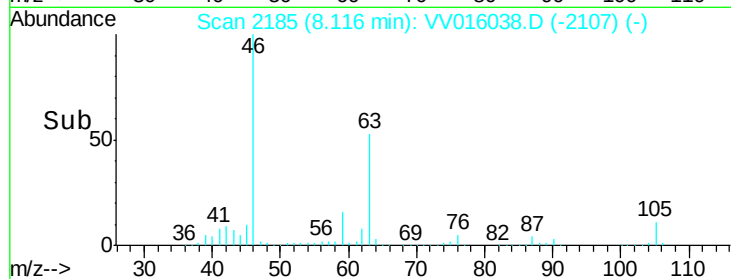
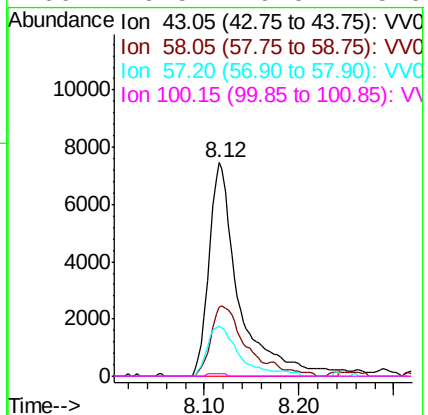
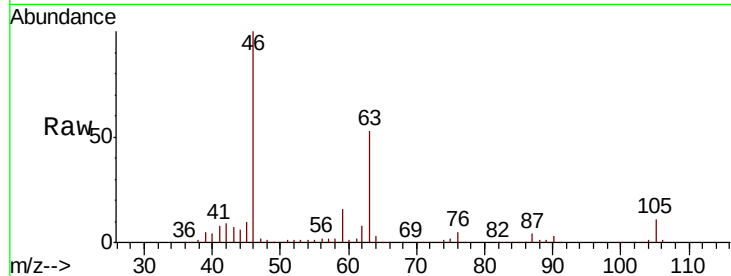




#50
2-Hexanone
Concen: 3.960 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016038.D
Acq: 13 May 2020 14:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 16403
Ion Ratio Lower Upper
43 100
58 34.8 40.8 61.2#
57 25.7 14.7 22.1#
100 0.5 9.0 13.6#



#51
Dibromochloromethane
Concen: 0.152 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016038.D
Acq: 13 May 2020 14:12

Tgt Ion: 129 Resp: 1073
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

