

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016171.D
 Acq On : 22 May 2020 15:31
 Operator : SY/MD
 Sample : L2731-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:10:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129896	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126440	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	56826	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40737	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.58	69	37262	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.12	63	67385	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.00%
20) 2-Butanone-d5	3.96	46	63933	31.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.62%
24) Chloroform-d	4.38	84	79113	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.06	65	37651	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
32) Benzene-d6	5.08	84	155511	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.10	67	44907	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	142704	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
45) trans-1,3-Dichloropropene-	7.65	79	13362	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
48) 2-Hexanone-d5	8.12	63	48754	30.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	25583	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	44863	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

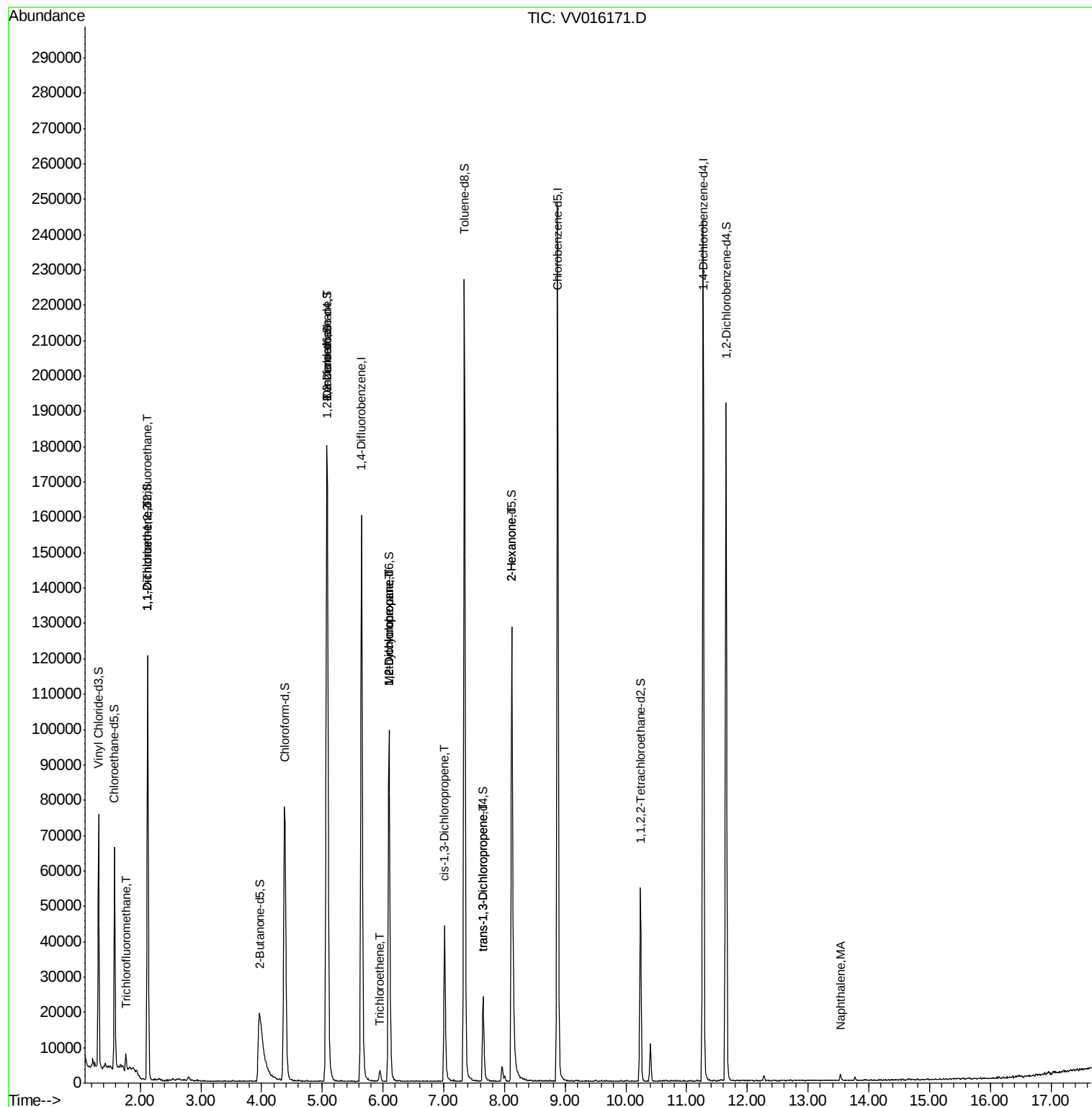
					Ovalue
9) Trichlorofluoromethane	1.76	101	2363	0.179 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	791	0.106 ug/L #	22
12) 1,1-Dichloroethene	2.13	96	529	0.074 ug/L #	1
27) 1,2-Dichloroethane	5.08	62	953	0.093 ug/L #	76
34) Trichloroethene	5.95	95	1054	0.116 ug/L #	80
35) Methylcyclohexane	6.10	83	11237	0.818 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5699	0.705 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1299	0.114 ug/L #	63
46) trans-1,3-Dichloropropene	7.65	75	651	0.067 ug/L	84
50) 2-Hexanone	8.12	43	6856	1.925 ug/L #	76
70) Naphthalene	13.53	128	2110	0.138 ug/L #	89

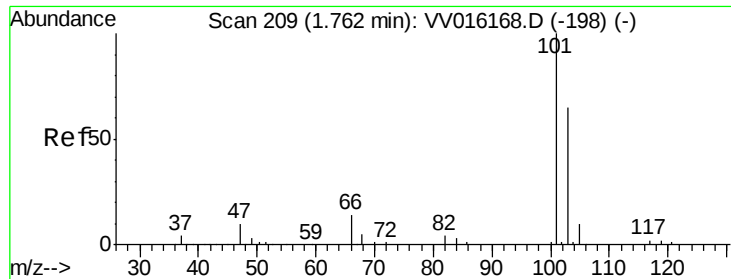
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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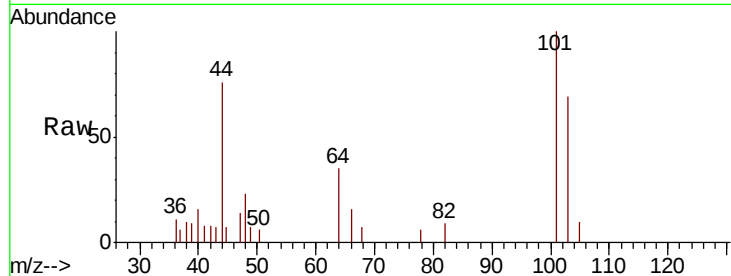


#9

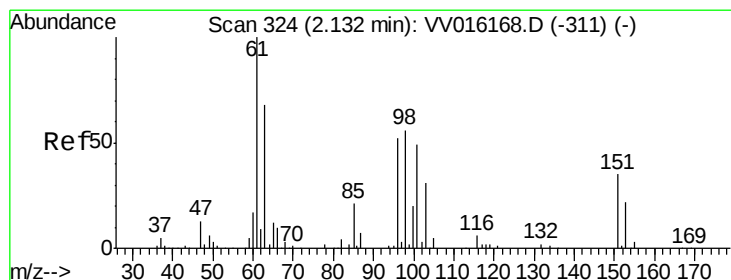
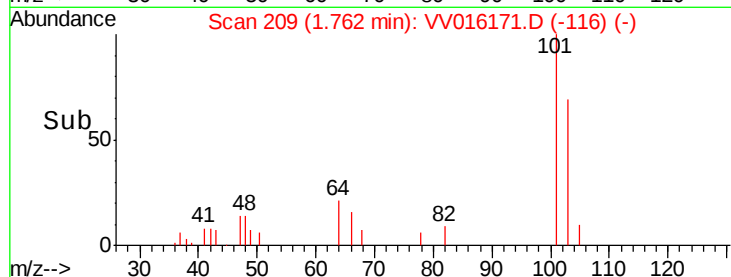
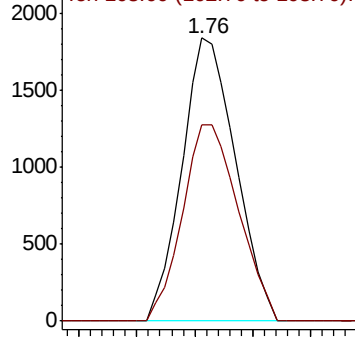
Trichlorofluoromethane
Concen: 0.179 ug/L
RT: 1.76 min Scan# 209
Delta R.T. 0.00 min
Lab File: VV016171.D
Acq: 22 May 2020 15:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:101 Resp: 2363
Ion Ratio Lower Upper
101 100
103 72.5 51.4 77.2



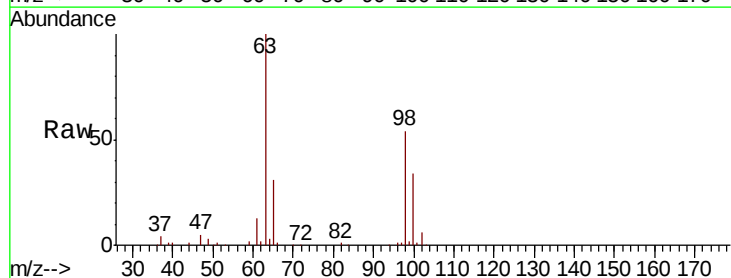
Abundance Ion 101.00 (100.70 to 101.70): V
Ion 103.00 (102.70 to 103.70): V



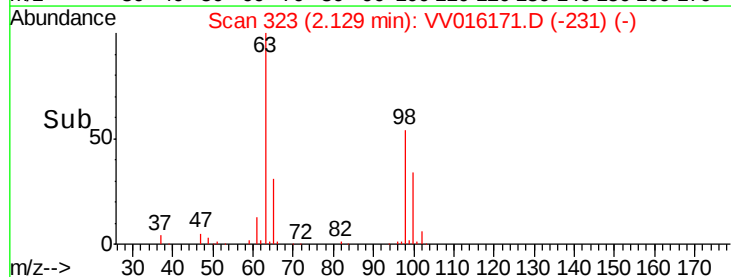
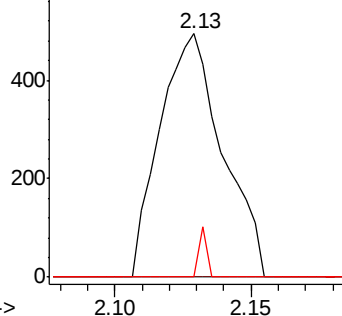
#10

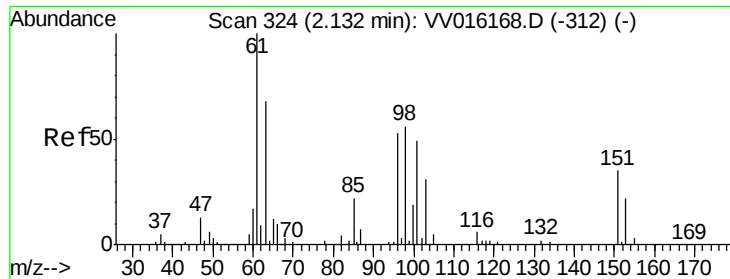
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.106 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV016171.D
Acq: 22 May 2020 15:31

Tgt Ion:101 Resp: 791
Ion Ratio Lower Upper
101 100
85 0.0 35.7 53.5#
151 2.4 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: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016171.D

Acq: 22 May 2020 15:31

Instrument :
MSVOA_V
ClientSampleId :

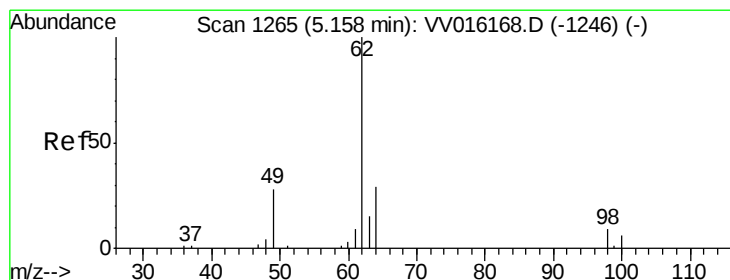
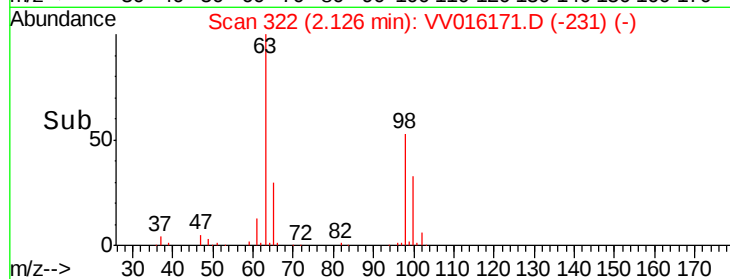
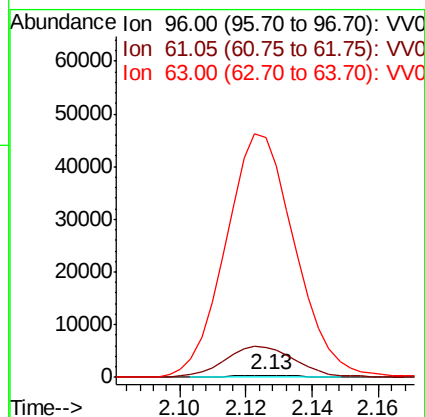
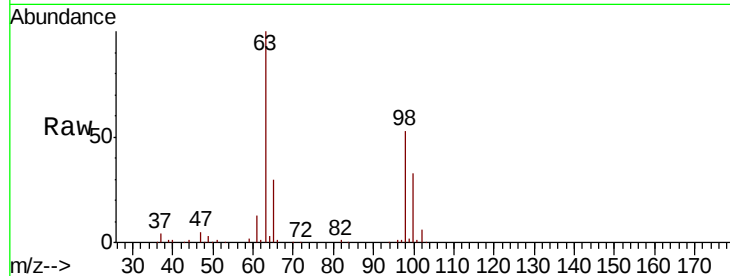
Tot Ion: 96 Resp: 529

Ion Ratio Lower Upper

96 100

61 1525.8 139.9 259.7#

63 12114.9 106.4 197.6#



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.08 min Scan# 1240

Delta R.T. -0.08 min

Lab File: VV016171.D

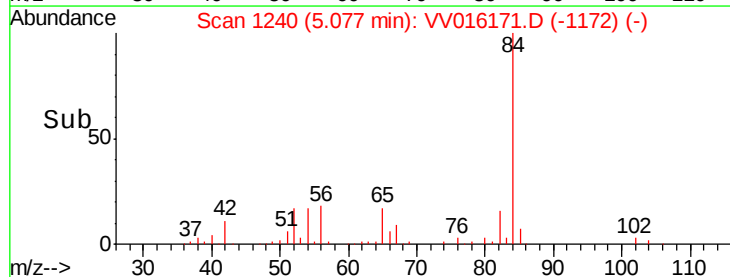
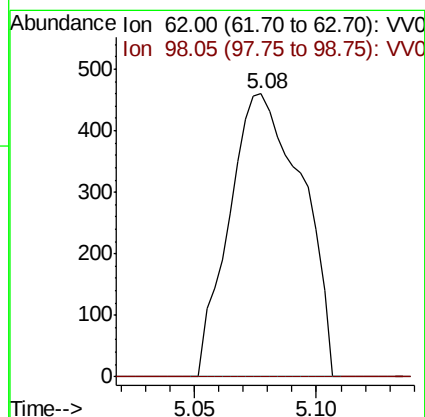
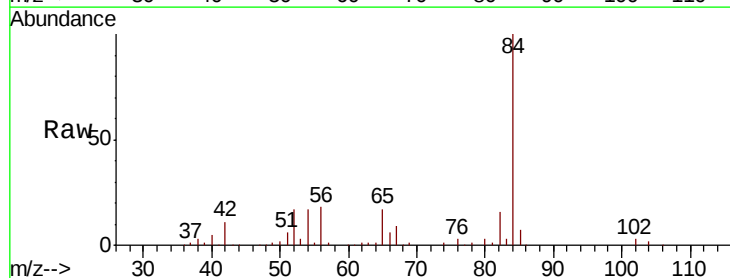
Acq: 22 May 2020 15:31

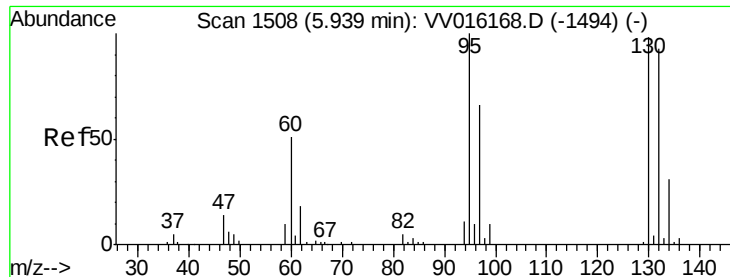
Tgt Ion: 62 Resp: 953

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#34

Trichloroethene

Concen: 0.116 ug/L

RT: 5.95 min Scan# 1512

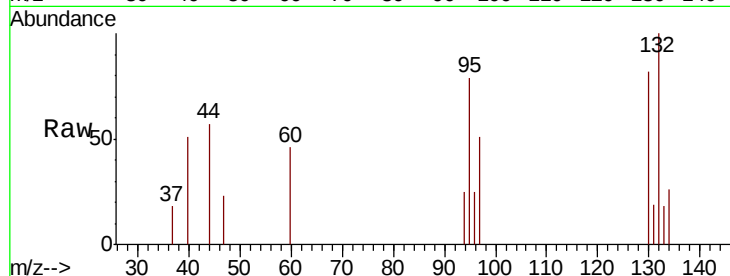
Delta R.T. 0.01 min

Lab File: VV016171.D

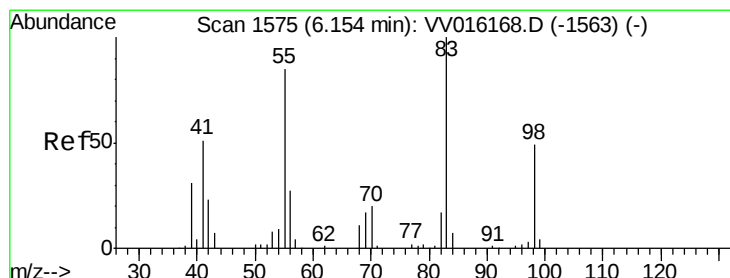
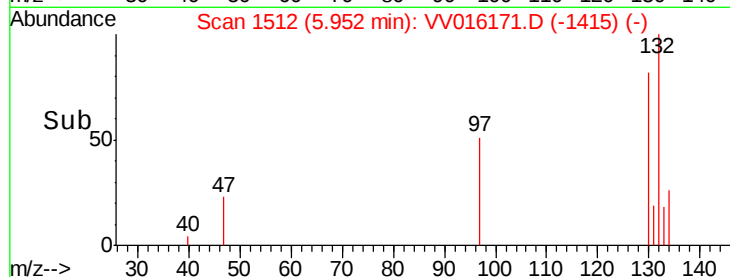
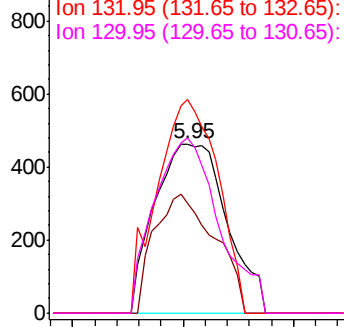
Acq: 22 May 2020 15:31

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	95	Resp:	1054
Ion	Ratio	Lower	Upper
95	100		
97	64.9	43.3	80.5
132	126.1	60.3	112.1#
130	103.2	66.0	122.6



Abundance Ion 95.00 (94.70 to 95.70): VV016171.D (-1494) (-)



#35

Methylcyclohexane

Concen: 0.818 ug/L

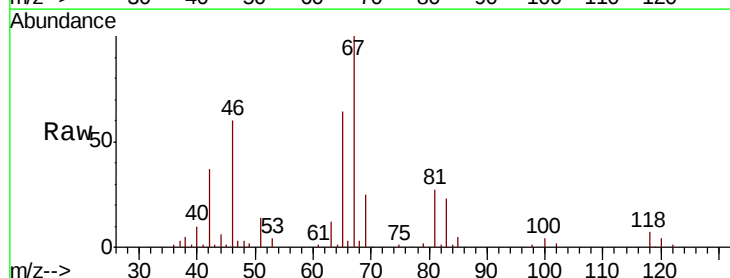
RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

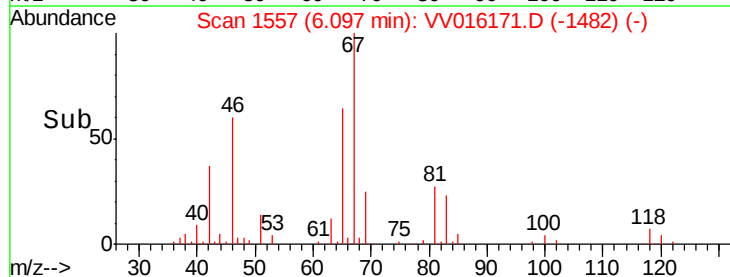
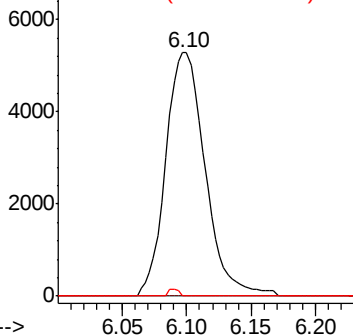
Lab File: VV016171.D

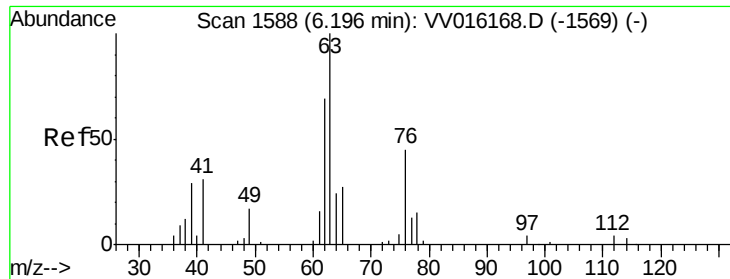
Acq: 22 May 2020 15:31

Tgt Ion:	83	Resp:	11237
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.2#
98	0.7	37.9	56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV016171.D (-1482) (-)

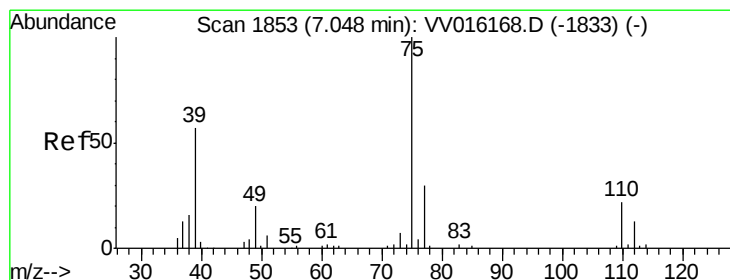
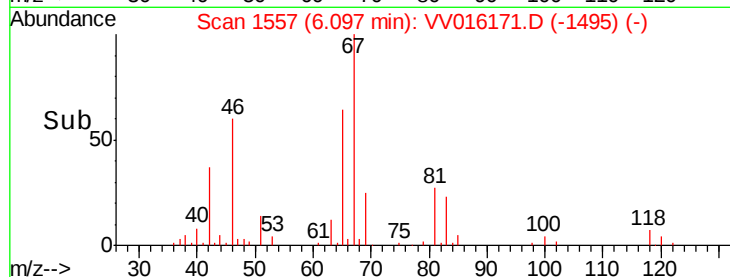
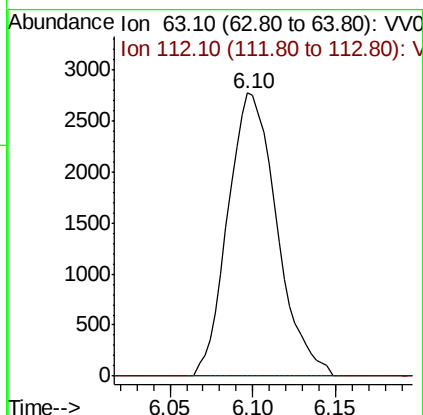
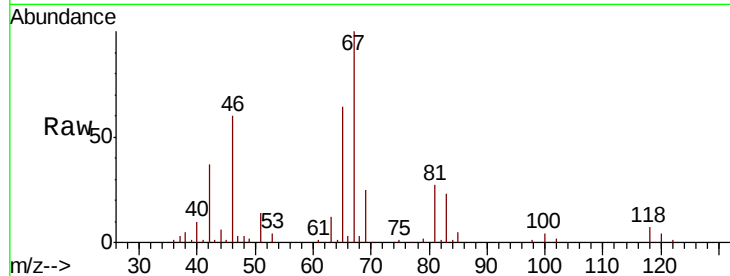




#37
 1,2-Dichloropropane
 Concen: 0.705 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016171.D
 Acq: 22 May 2020 15:31

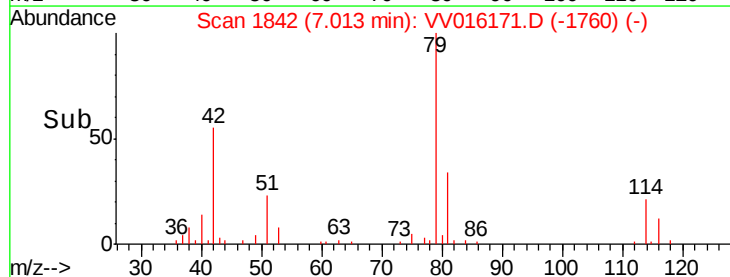
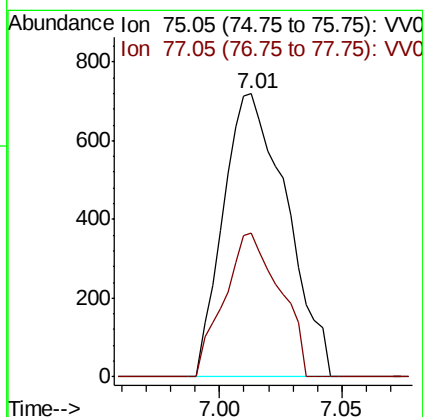
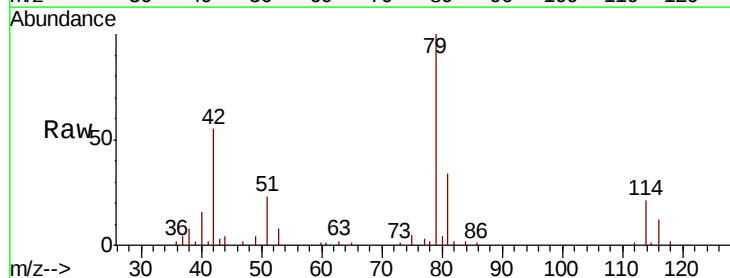
Instrument :
 MSVOA_V
 ClientSampleId :

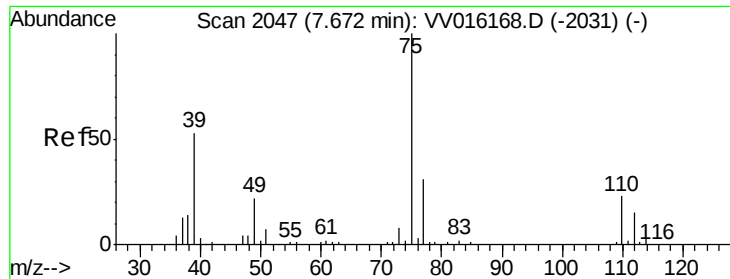
Tot Ion: 63 Resp: 5699
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.114 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016171.D
 Acq: 22 May 2020 15:31

Tgt Ion: 75 Resp: 1299
 Ion Ratio Lower Upper
 75 100
 77 50.6 21.3 39.5#

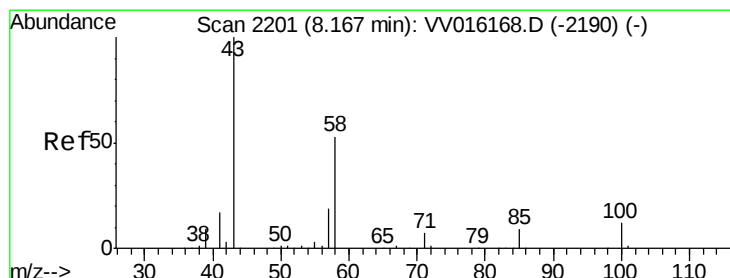
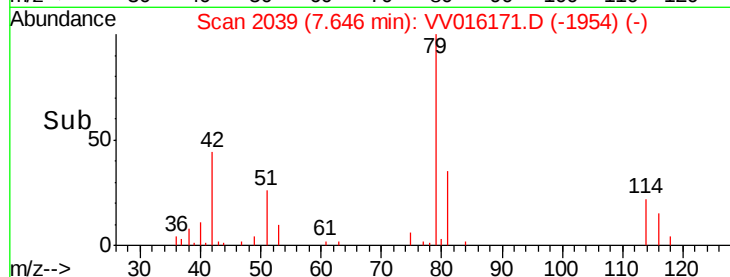
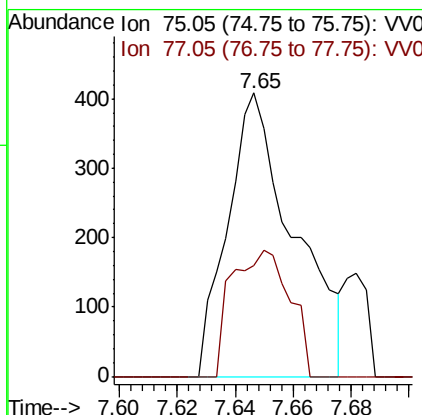
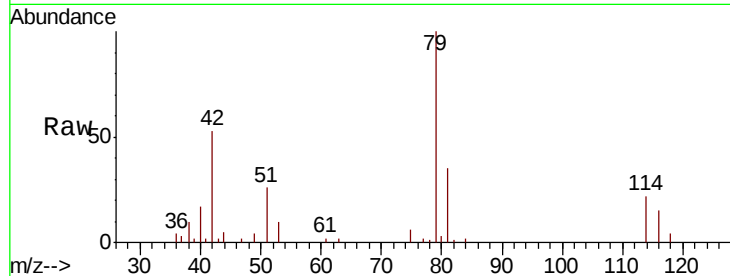




#46
trans-1,3-Dichloropropene
Concen: 0.067 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016171.D
Acq: 22 May 2020 15:31

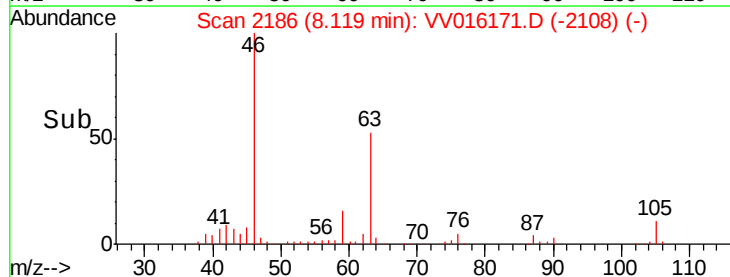
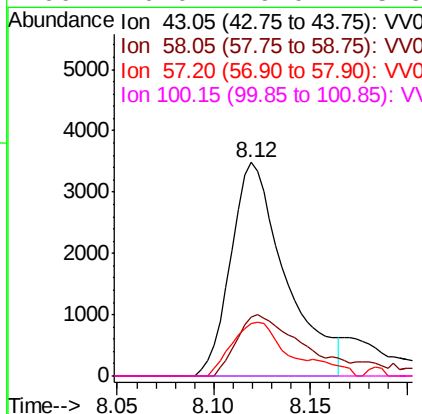
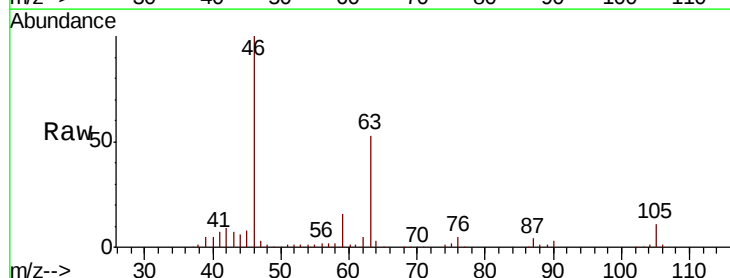
Instrument :
MSVOA_V
ClientSampled :

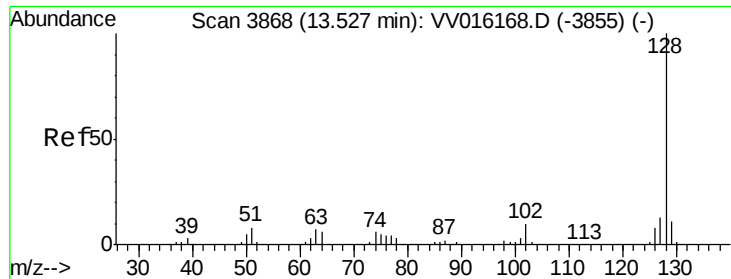
Tot Ion: 75 Resp: 651
Ion Ratio Lower Upper
75 100
77 39.0 21.3 39.6



#50
2-Hexanone
Concen: 1.925 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016171.D
Acq: 22 May 2020 15:31

Tgt Ion: 43 Resp: 6856
Ion Ratio Lower Upper
43 100
58 34.0 40.8 61.2#
57 27.1 14.7 22.1#
100 0.0 9.0 13.6#





#70

Naphthalene

Concen: 0.138 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

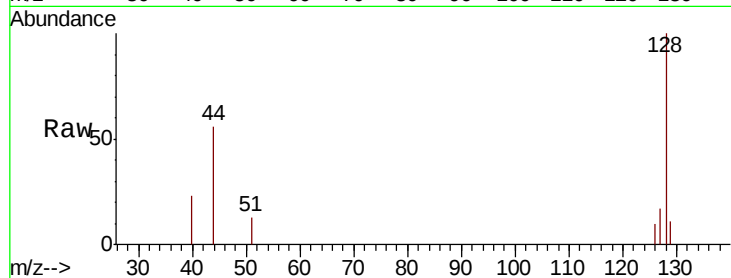
Lab File: VV016171.D

Acq: 22 May 2020 15:31

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:	128	Resp:	2110
Ion	Ratio	Lower	Upper
128	100		
129	4.4	8.5	12.7#
127	10.5	10.2	15.2

