

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016184.D
 Acq On : 22 May 2020 20:28
 Operator : SY/MD
 Sample : L2756-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:12:01 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	120104	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116445	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	54641	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41201	6.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.40%
7) Chloroethane-d5	1.58	69	37119	6.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.20%
11) 1,1-Dichloroethene-d2	2.13	63	64071	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.93	46	73148	39.36	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.72%
24) Chloroform-d	4.38	84	77744	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.06	65	40051	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.08	84	154921	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.10	67	46171	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.34	98	139884	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
45) trans-1,3-Dichloropropene-	7.65	79	14653	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	8.12	63	52929	36.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.60%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27191	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	47484	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

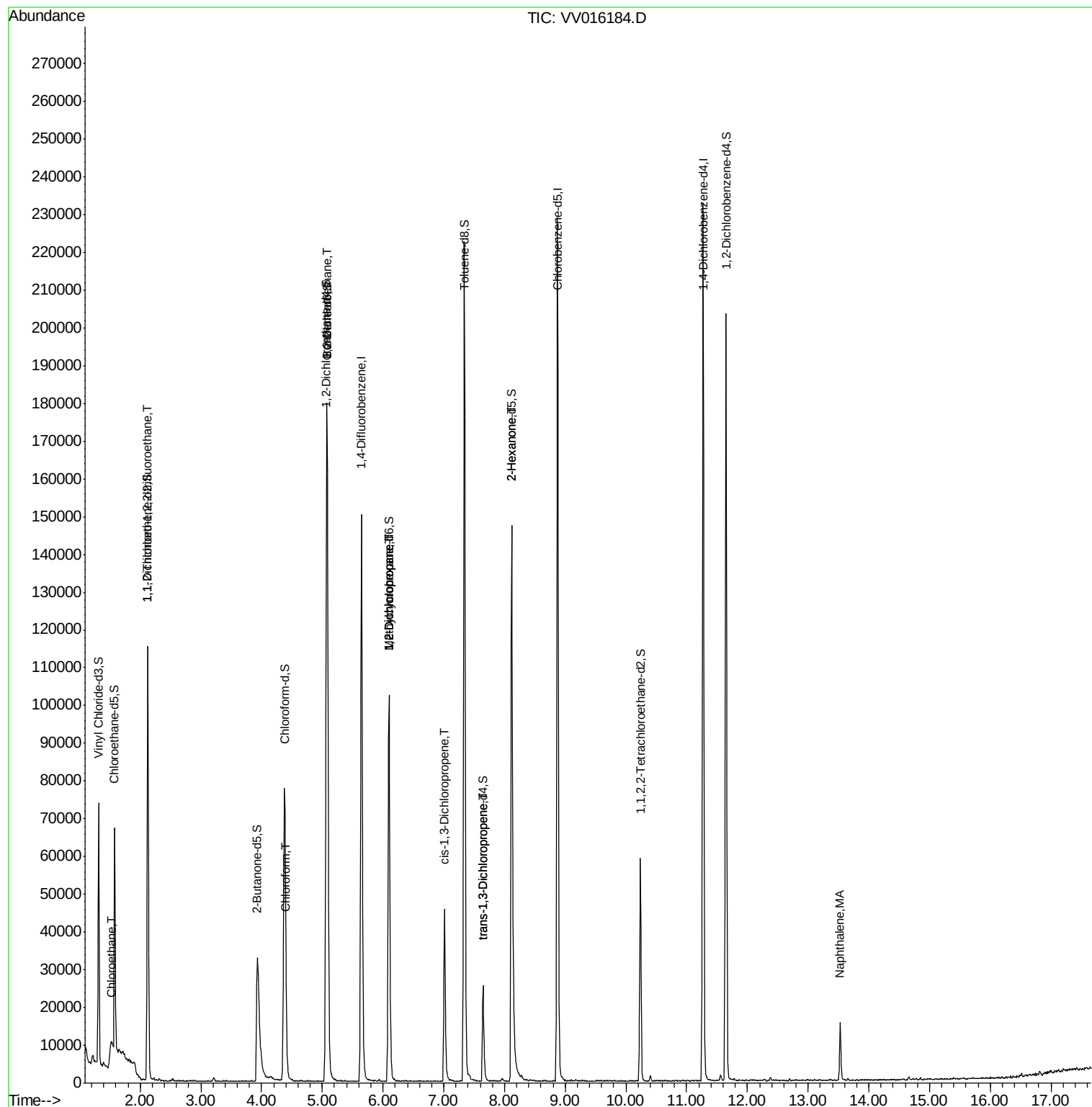
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.53	64	17364	2.735	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	572	0.083	ug/L #	20
25) Chloroform	4.41	83	2032	0.131	ug/L	84
27) 1,2-Dichloroethane	5.08	62	1102	0.116	ug/L #	76
35) Methylcyclohexane	6.10	83	11506	0.910	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5441	0.731	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1313	0.125	ug/L #	76
46) trans-1,3-Dichloropropene	7.65	75	630	0.071	ug/L #	63
50) 2-Hexanone	8.12	43	8902	2.713	ug/L #	76
70) Naphthalene	13.53	128	12320	0.838	ug/L	99

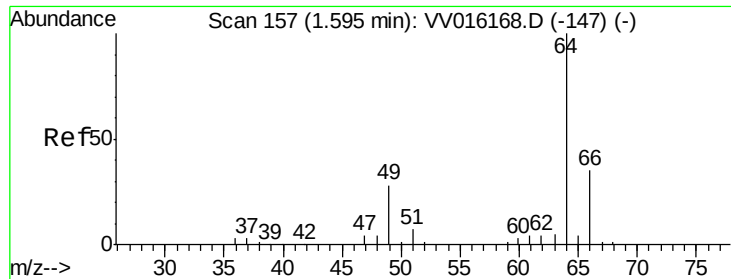
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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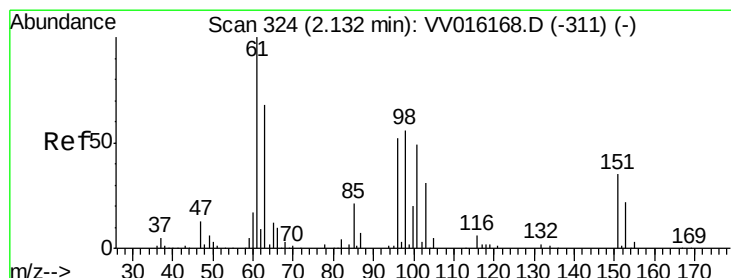
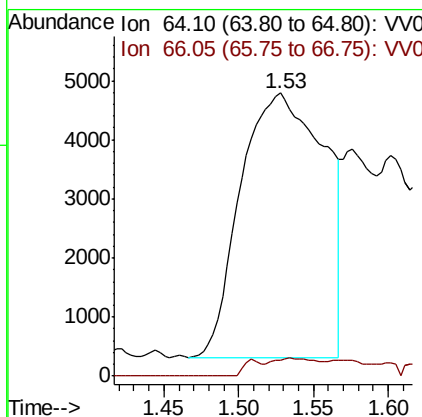
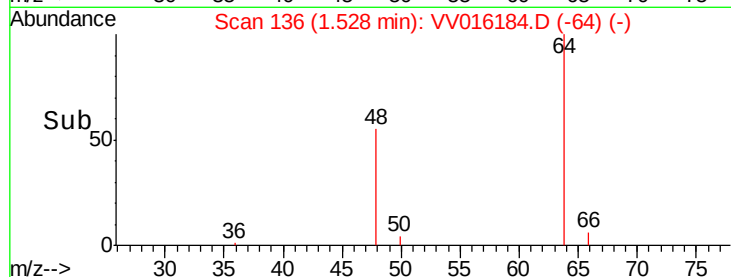
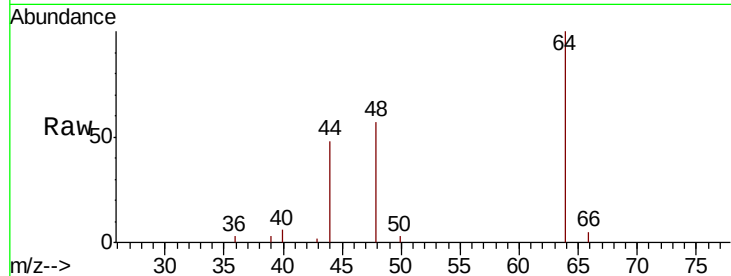




#8
 Chloroethane
 Concen: 2.735 ug/L
 RT: 1.53 min Scan# 136
 Delta R.T. -0.07 min
 Lab File: VV016184.D
 Acq: 22 May 2020 20:28

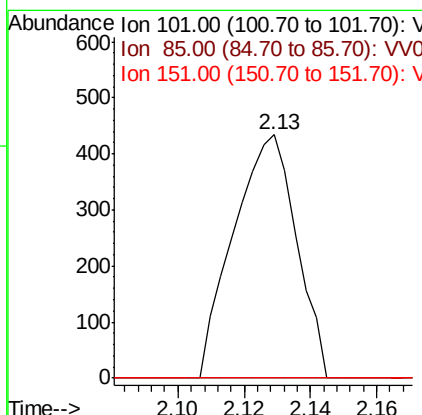
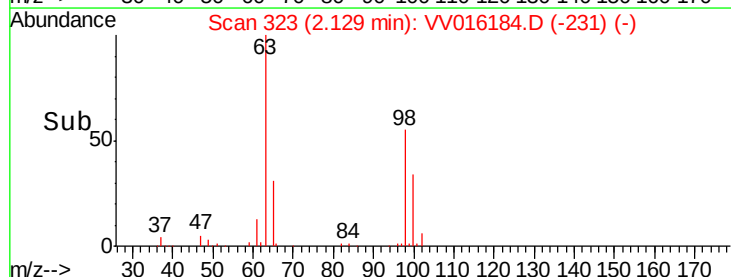
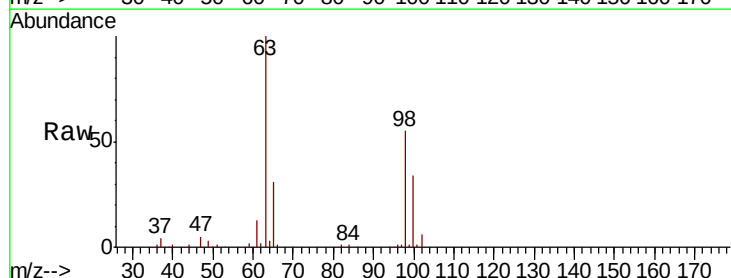
Instrument :
 MSVOA_V
 ClientSampleId :

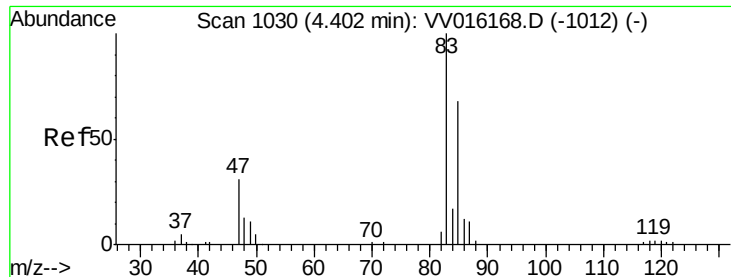
Tot Ion: 64 Resp: 17364
 Ion Ratio Lower Upper
 64 100
 66 5.4 23.6 43.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.083 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV016184.D
 Acq: 22 May 2020 20:28

Tgt Ion:101 Resp: 572
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.7 53.5#
 151 0.0 58.0 87.0#

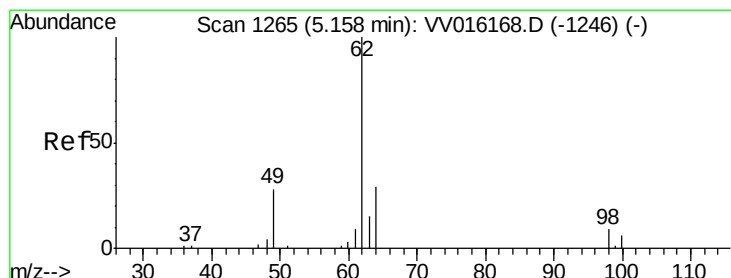
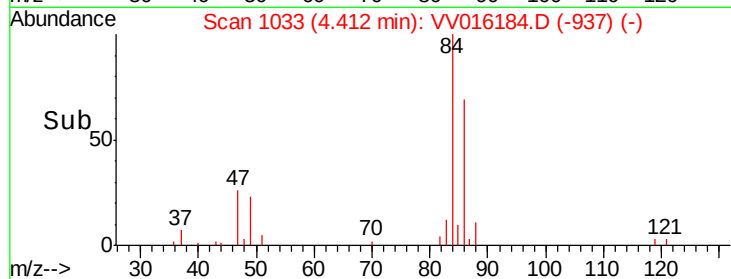
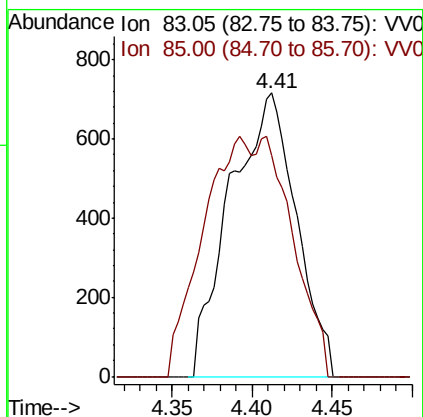
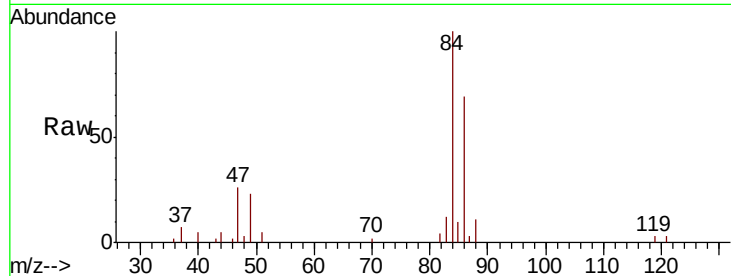




#25
Chloroform
Concen: 0.131 ug/L
RT: 4.41 min Scan# 1033
Delta R.T. 0.01 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

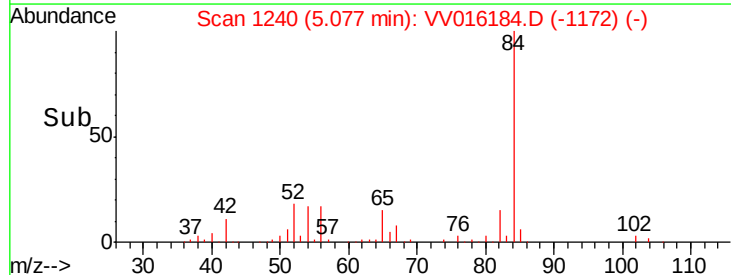
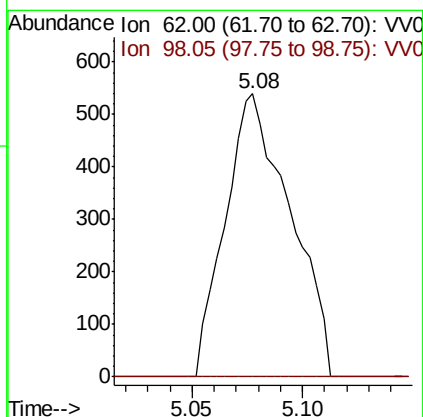
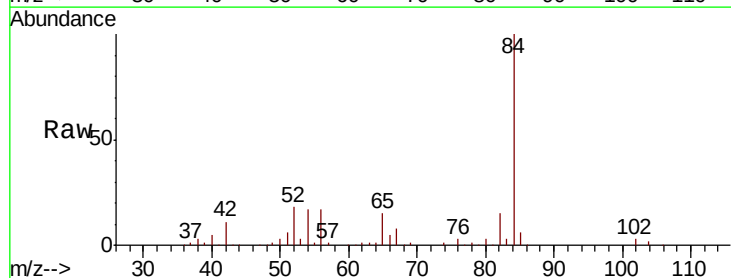
Instrument :
MSVOA_V
ClientSampleId :

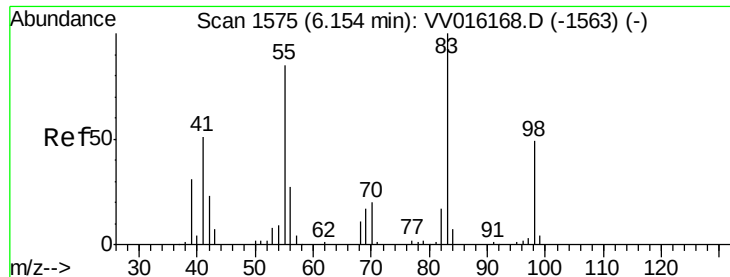
Tot Ion: 83 Resp: 2032
Ion Ratio Lower Upper
83 100
85 78.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 0.116 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Tgt Ion: 62 Resp: 1102
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#

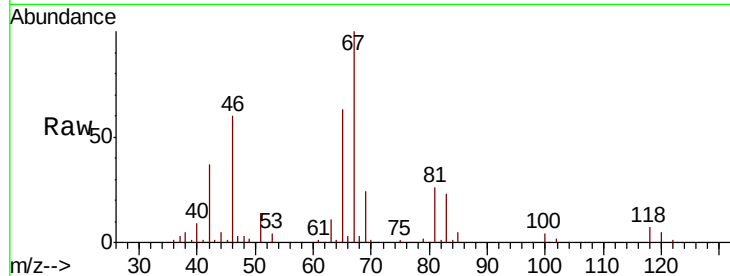




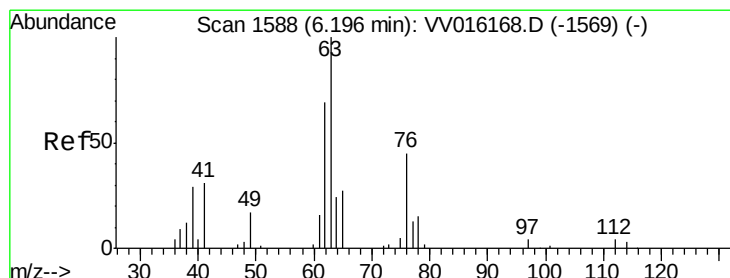
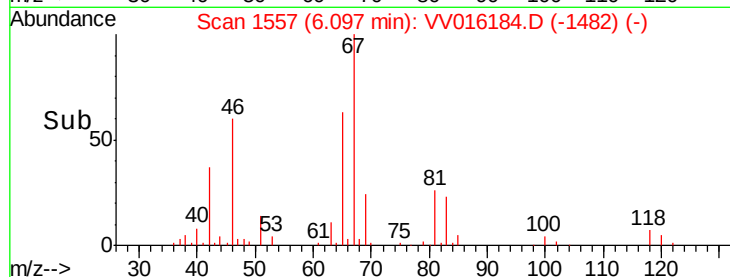
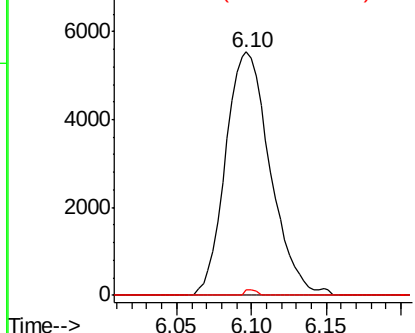
#35
Methylvlcyclohexane
Concen: 0.910 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11506
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.6 37.9 56.9#

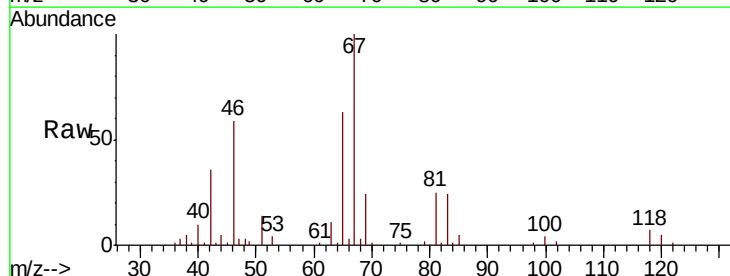


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

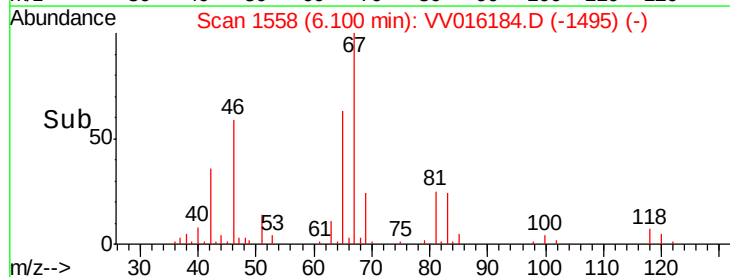
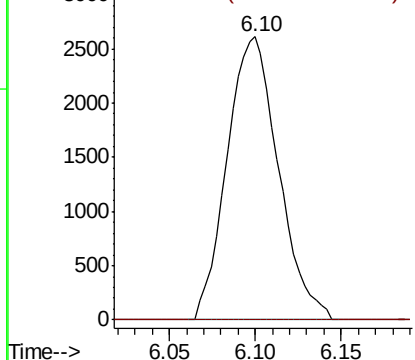


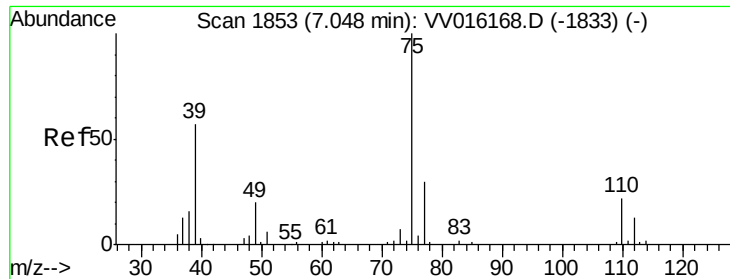
#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Tgt Ion: 63 Resp: 5441
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



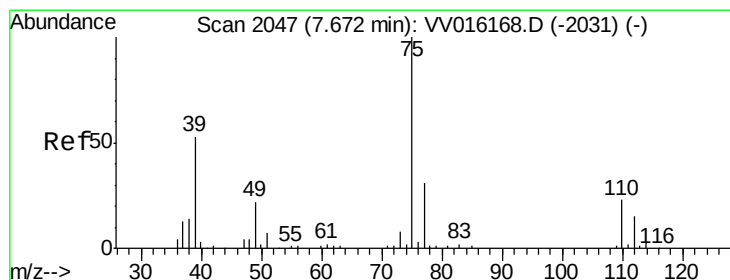
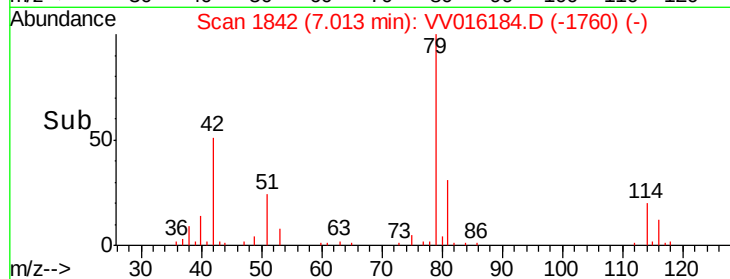
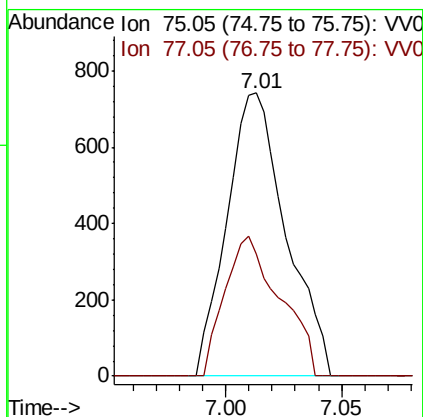
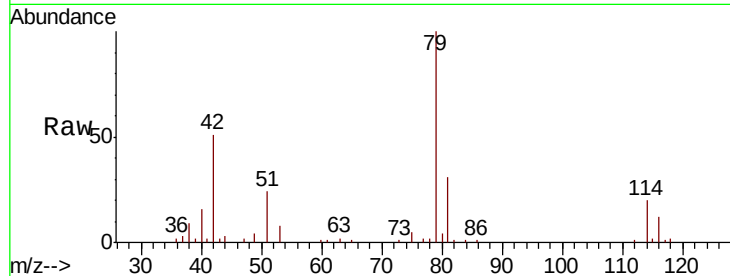


#39

cis-1,3-Dichloropropene
Concen: 0.125 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Instrument :
MSVOA_V
ClientSampleId :

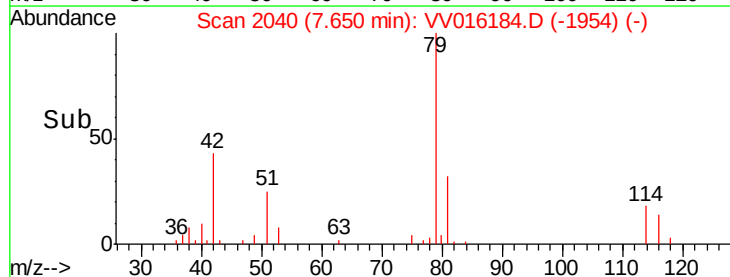
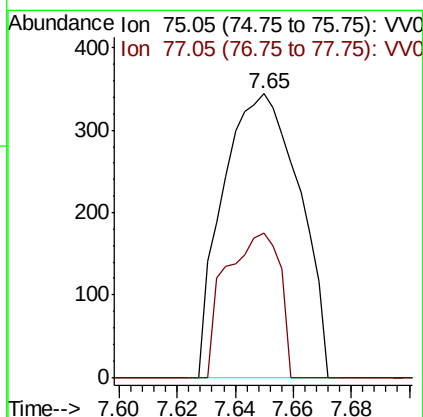
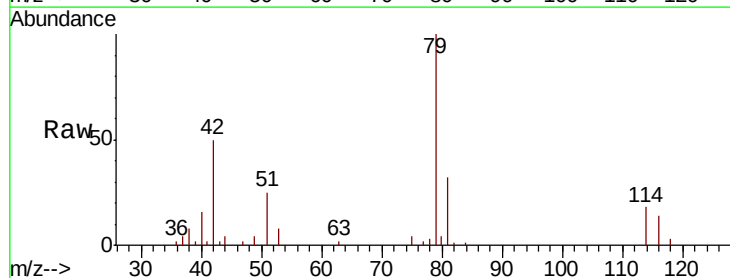
Tot Ion: 75 Resp: 1313
Ion Ratio Lower Upper
75 100
77 43.3 21.3 39.5#

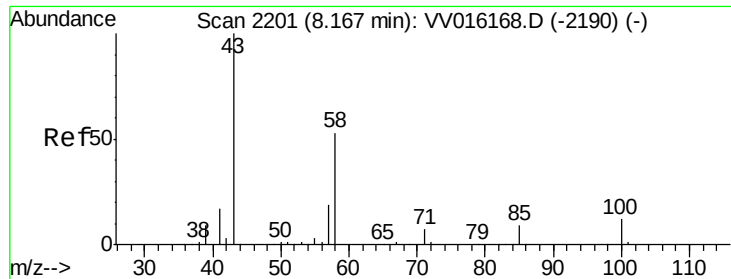


#46

trans-1,3-Dichloropropene
Concen: 0.071 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Tgt Ion: 75 Resp: 630
Ion Ratio Lower Upper
75 100
77 50.9 21.3 39.6#

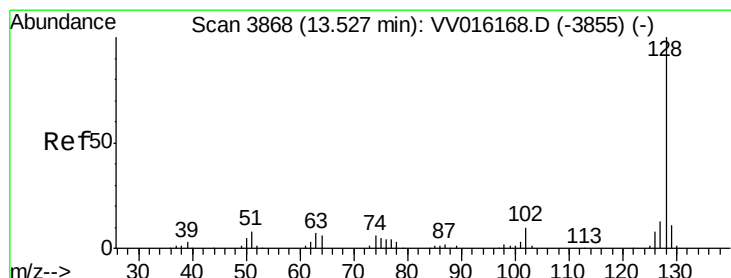
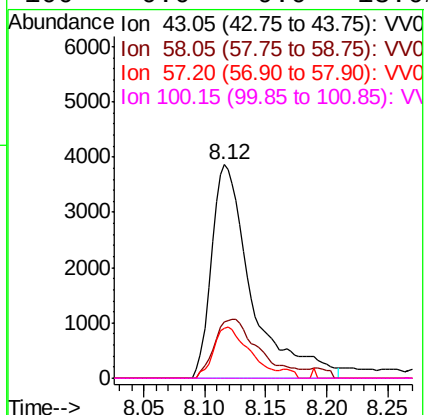
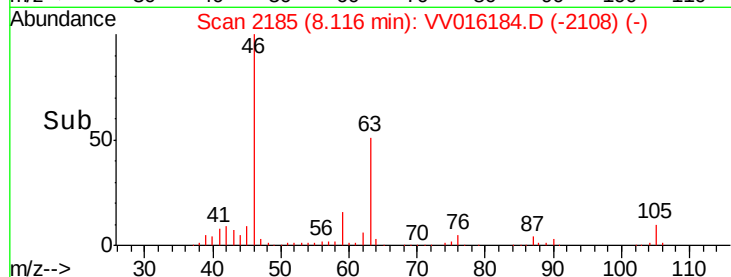
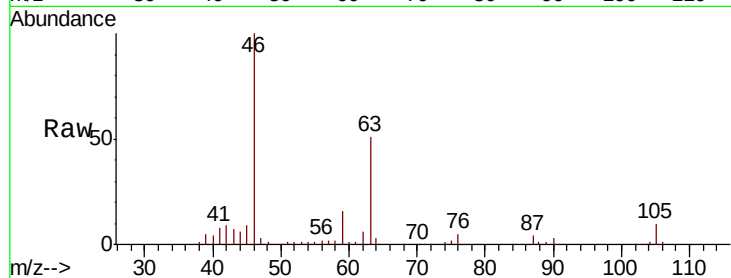




#50
2-Hexanone
Concen: 2.713 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Instrument :
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Tot Ion	Ratio	Lower	Upper
43	100		
58	30.9	40.8	61.2#
57	21.0	14.7	22.1
100	0.0	9.0	13.6#



#70
Naphthalene
Concen: 0.838 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016184.D
Acq: 22 May 2020 20:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.5	12.7
127	13.2	10.2	15.2

