

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016261.D
 Acq On : 28 May 2020 05:01
 Operator : SY/MD
 Sample : L2756-09 1000X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 06:39:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 06:30:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87073	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81806	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	36415	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	23004	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.58	69	23382	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	33976	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.94	46	78377	56.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.00%
24) Chloroform-d	4.38	84	53996	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.06	65	30332	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.08	84	101190	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.10	67	33188	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.34	98	85537	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloropropene-	7.65	79	10681	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
48) 2-Hexanone-d5	8.12	63	56136	52.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23412	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	30318	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

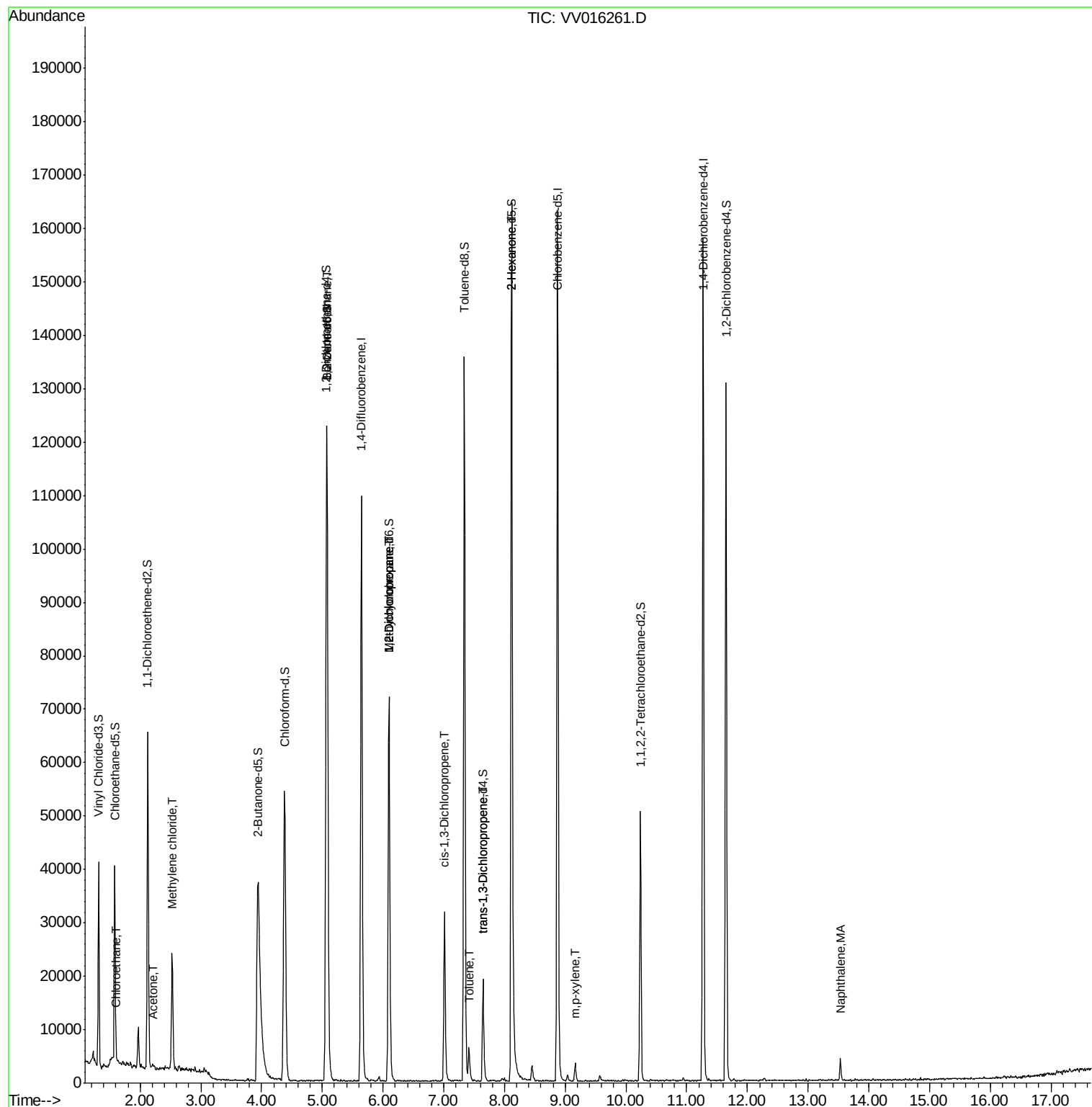
Target Compounds					Ovalue
8) Chloroethane	1.61	64	417	0.098 ug/L #	55
13) Acetone	2.21	43	1557	1.813 ug/L	72
16) Methylene chloride	2.53	84	8563	1.454 ug/L	98
27) 1,2-Dichloroethane	5.08	62	721	0.098 ug/L #	79
35) Methylcyclohexane	6.10	83	7782	0.752 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3762	0.652 ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	876	0.107 ug/L #	76
42) Toluene	7.42	91	4528	0.176 ug/L	94
46) trans-1,3-Dichloropropene	7.65	75	495	0.073 ug/L #	79
50) 2-Hexanone	8.12	43	7778	3.105 ug/L #	75
55) m,p-xylene	9.16	106	983	0.092 ug/L	69
70) Naphthalene	13.53	128	3607	0.239 ug/L	95

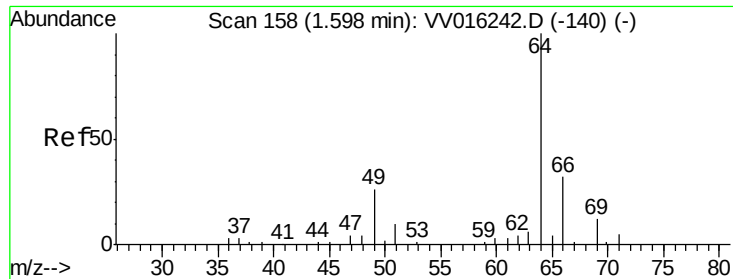
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

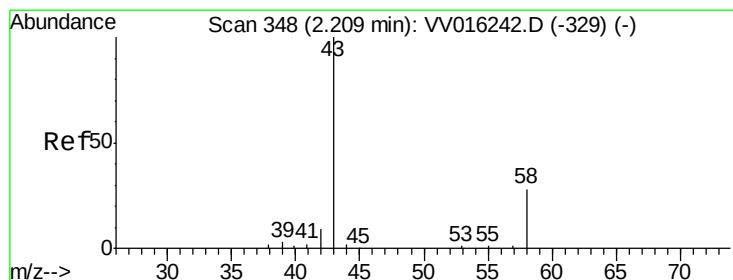
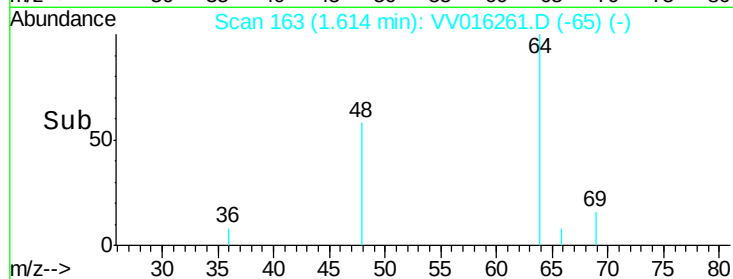
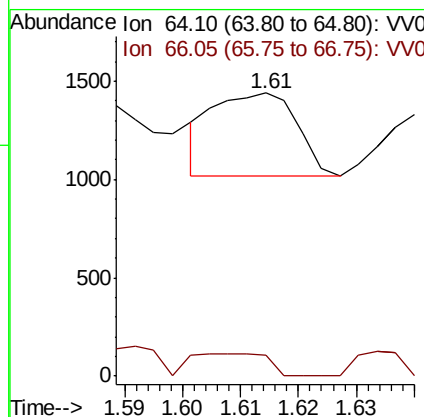
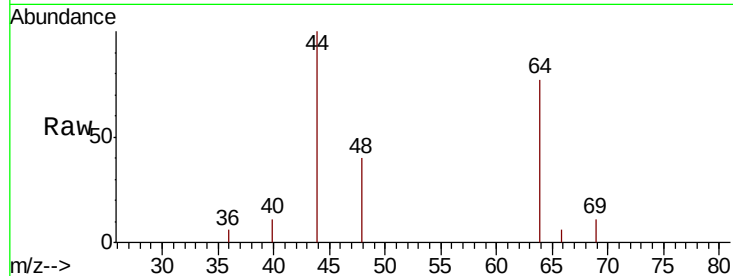




#8
 Chloroethane
 Concen: 0.098 ug/L
 RT: 1.61 min Scan# 163
 Delta R.T. 0.02 min
 Lab File: VV016261.D
 Acq: 28 May 2020 05:01

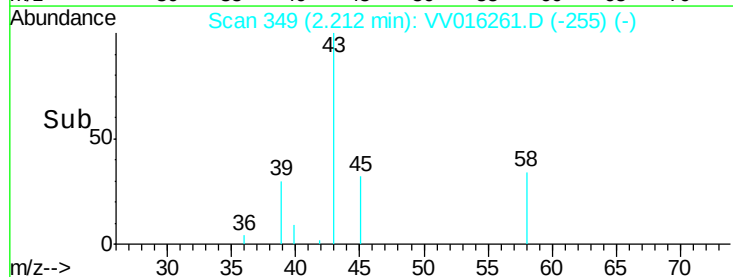
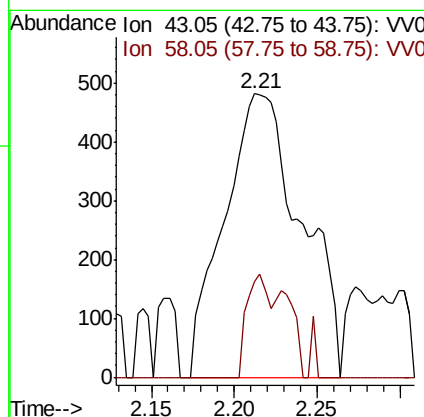
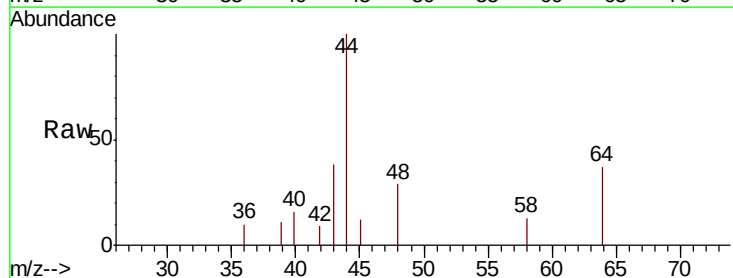
Instrument :
 MSVOA_V
 ClientSampleId :

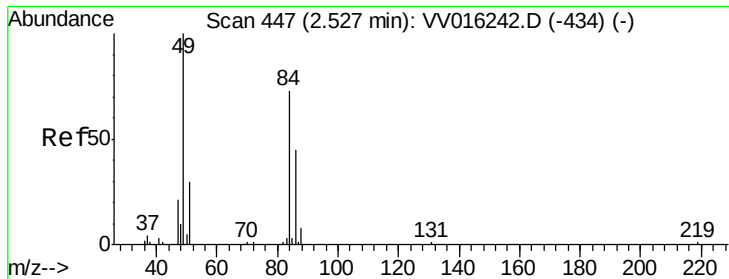
Tot Ion: 64 Resp: 417
 Ion Ratio Lower Upper
 64 100
 66 7.3 22.9 42.5#



#13
 Acetone
 Concen: 1.813 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV016261.D
 Acq: 28 May 2020 05:01

Tgt Ion: 43 Resp: 1557
 Ion Ratio Lower Upper
 43 100
 58 10.5 0.0 48.8

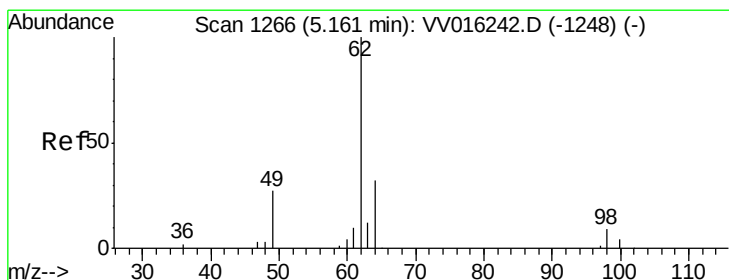
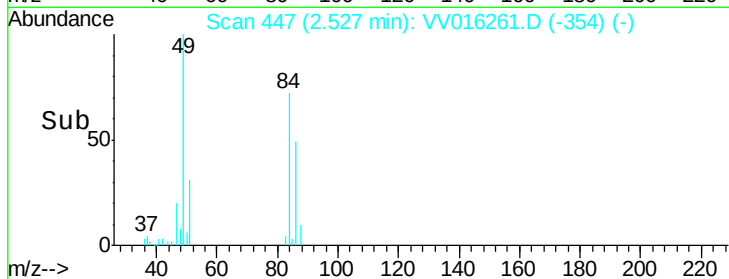
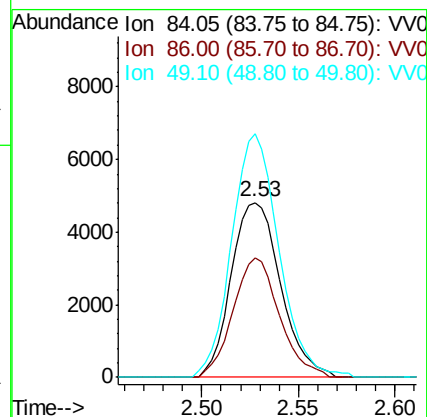
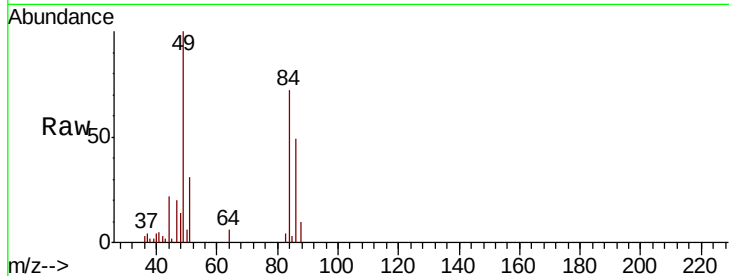




#16
Methylene chloride
Concen: 1.454 ug/L
RT: 2.53 min Scan# 447
Delta R.T. -0.00 min
Lab File: VV016261.D
Acq: 28 May 2020 05:01

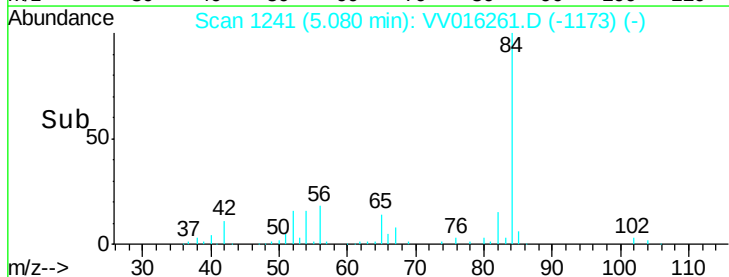
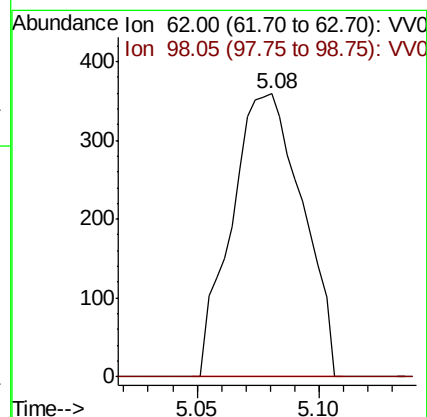
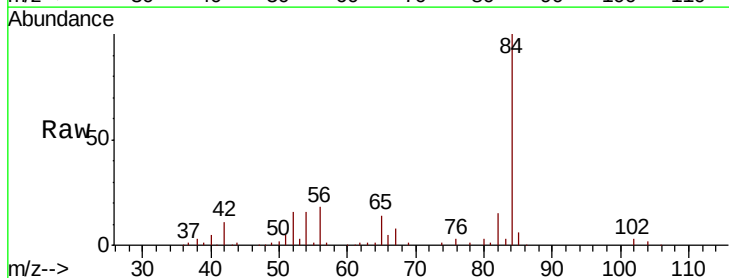
Instrument :
MSVOA_V
ClientSampleId :

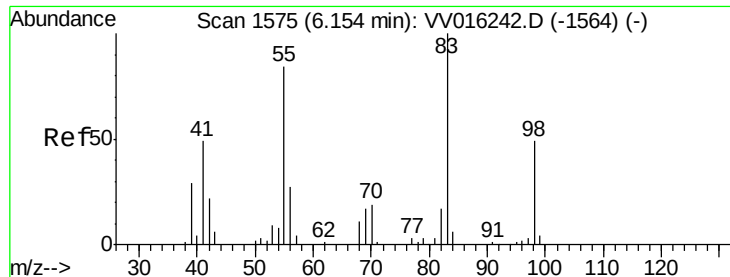
Tot Ion: 84 Resp: 8563
Ion Ratio Lower Upper
84 100
86 68.2 44.9 83.5
49 139.1 96.7 179.7



#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.08 min Scan# 1241
Delta R.T. -0.08 min
Lab File: VV016261.D
Acq: 28 May 2020 05:01

Tgt Ion: 62 Resp: 721
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#

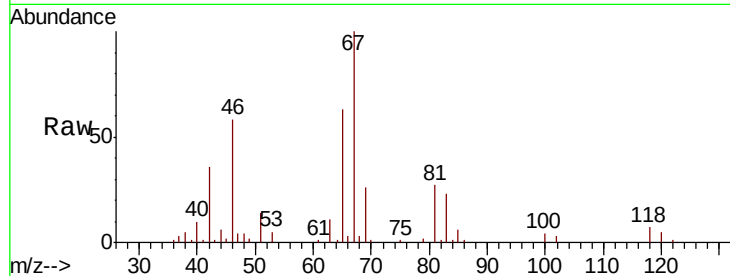




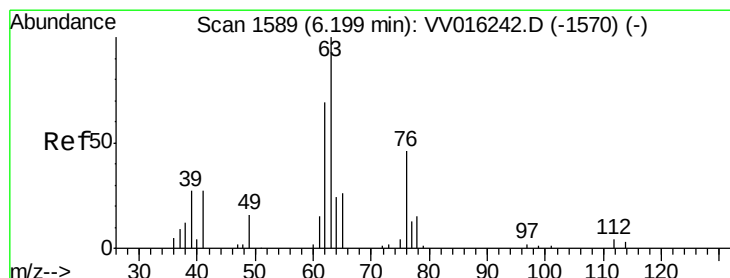
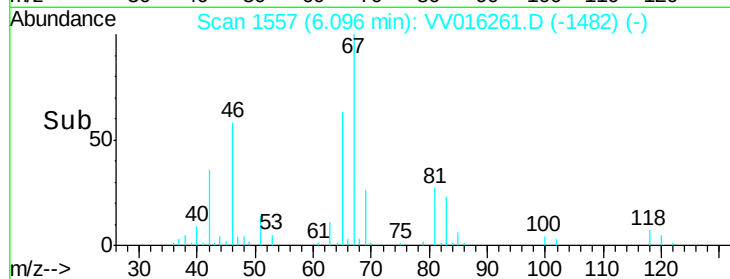
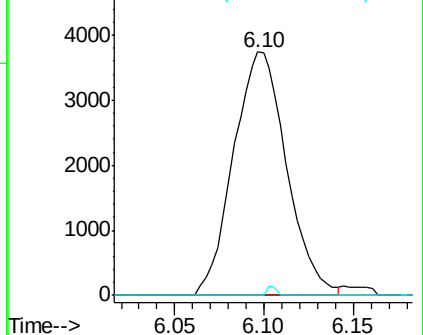
#35
Methylvlcyclohexane
Concen: 0.752 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016261.D
Acq: 28 May 2020 05:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7782
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.6 39.3 58.9#

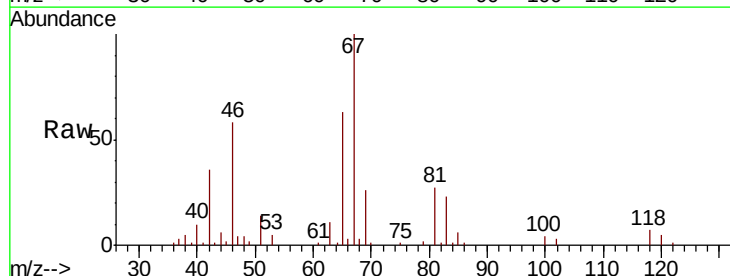


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

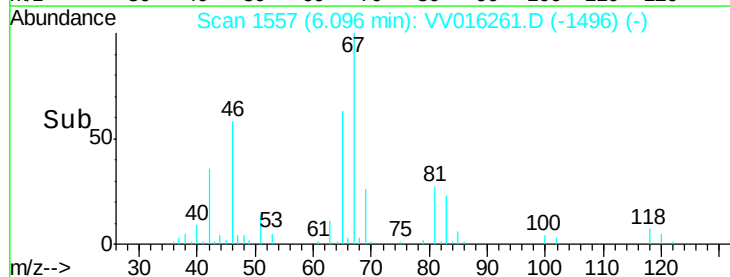
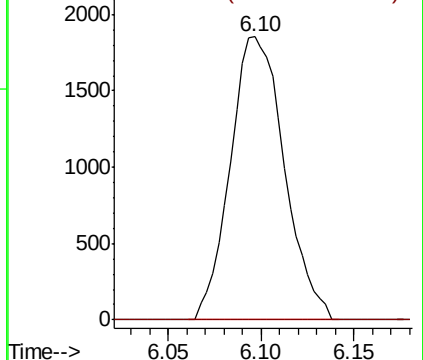


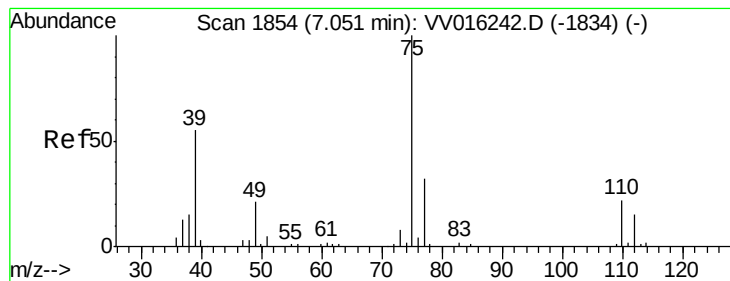
#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016261.D
Acq: 28 May 2020 05:01

Tgt Ion: 63 Resp: 3762
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V



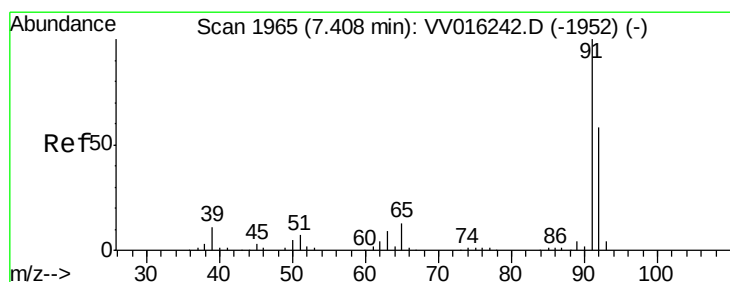
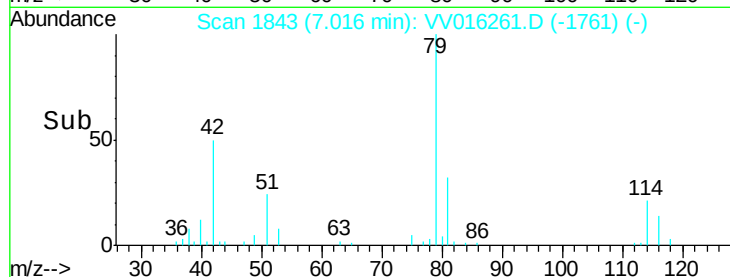
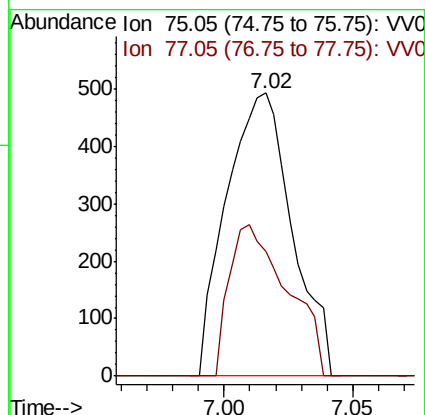
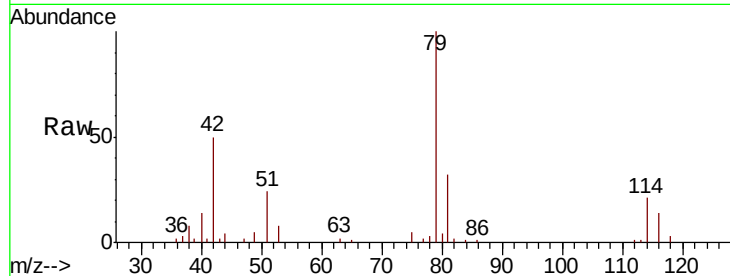


#39

cis-1,3-Dichloropropene
 Concen: 0.107 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: VV016261.D
 Acq: 28 May 2020 05:01

Instrument :
 MSVOA_V
 ClientSampled :

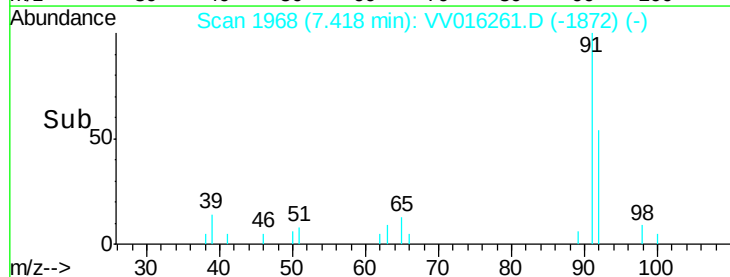
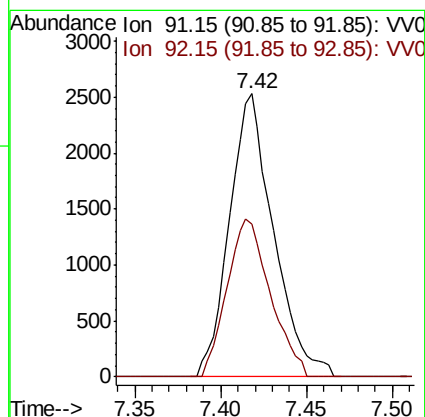
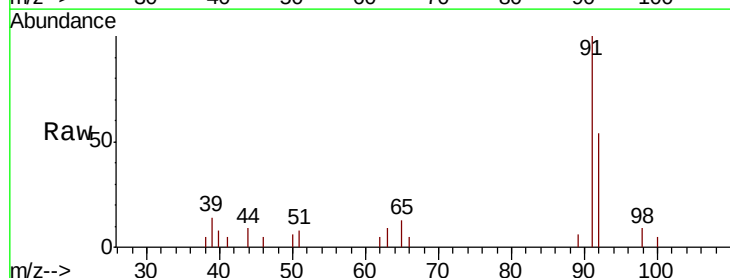
Tot Ion: 75 Resp: 876
 Ion Ratio Lower Upper
 75 100
 77 44.0 21.7 40.3#

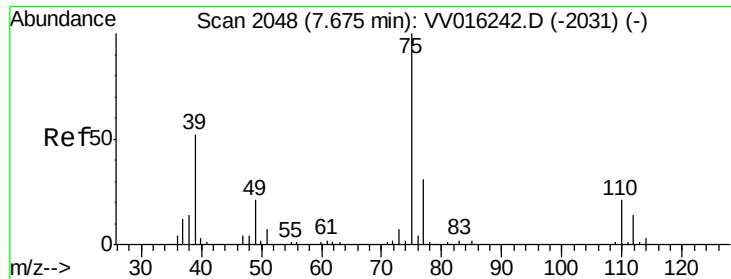


#42

Toluene
 Concen: 0.176 ug/L
 RT: 7.42 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: VV016261.D
 Acq: 28 May 2020 05:01

Tgt Ion: 91 Resp: 4528
 Ion Ratio Lower Upper
 91 100
 92 53.9 40.9 76.0

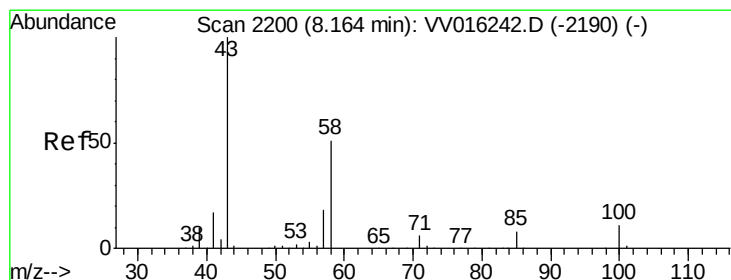
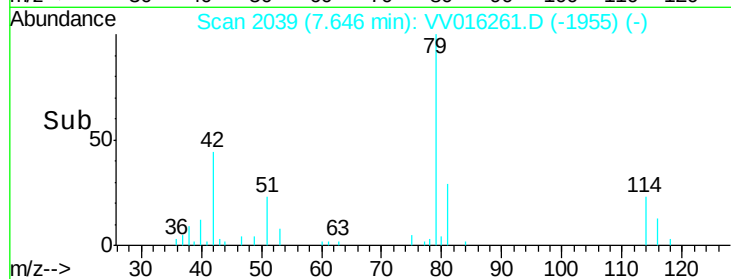
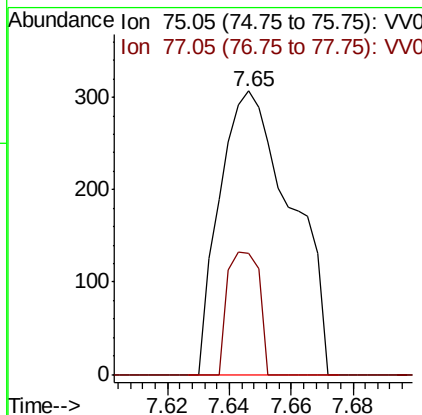
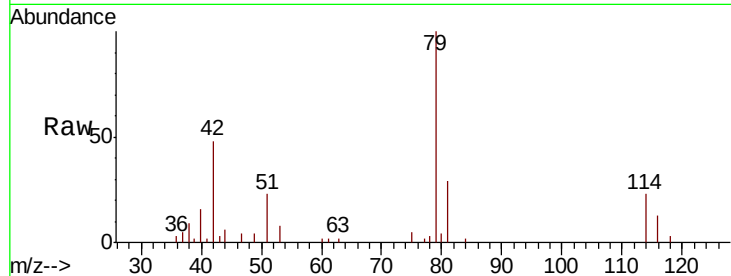




#46
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016261.D
Acq: 28 May 2020 05:01

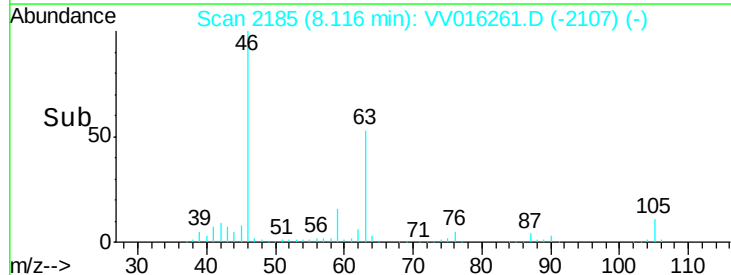
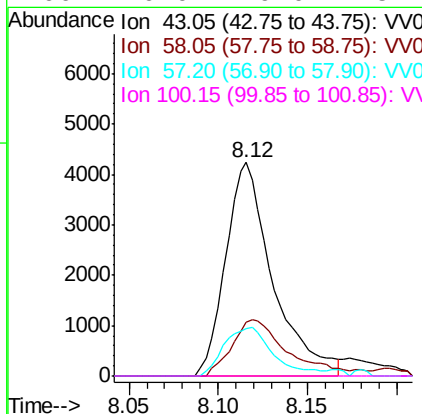
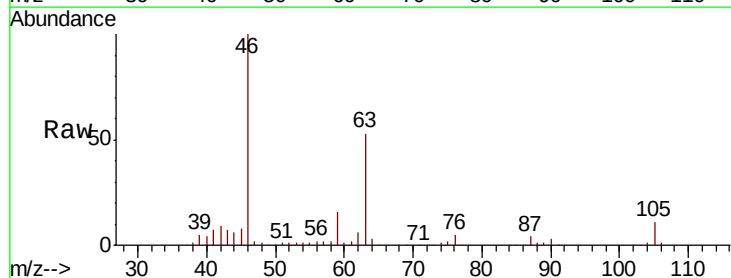
Instrument :
MSVOA_V
ClientSampled :

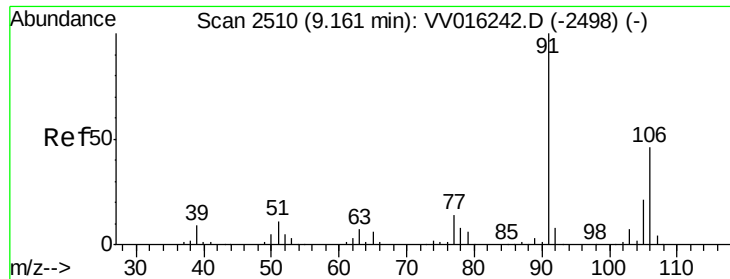
Tot Ion: 75 Resp: 495
Ion Ratio Lower Upper
75 100
77 42.7 21.7 40.3#



#50
2-Hexanone
Concen: 3.105 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016261.D
Acq: 28 May 2020 05:01

Tgt Ion: 43 Resp: 7778
Ion Ratio Lower Upper
43 100
58 31.3 41.4 62.0#
57 23.6 15.0 22.4#
100 0.0 9.0 13.4#





#55

m,p-xylene

Concen: 0.092 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. -0.00 min

Lab File: VV016261.D

Acq: 28 May 2020 05:01

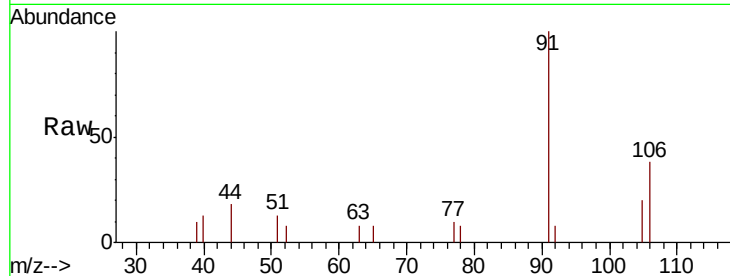
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 983

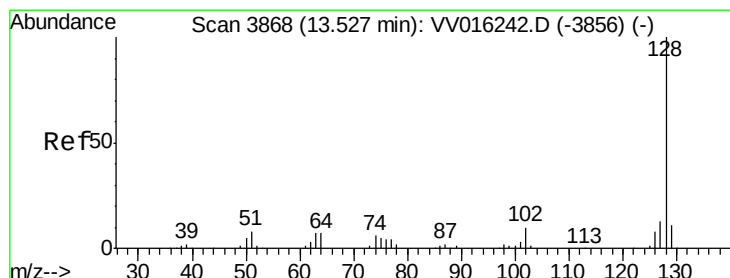
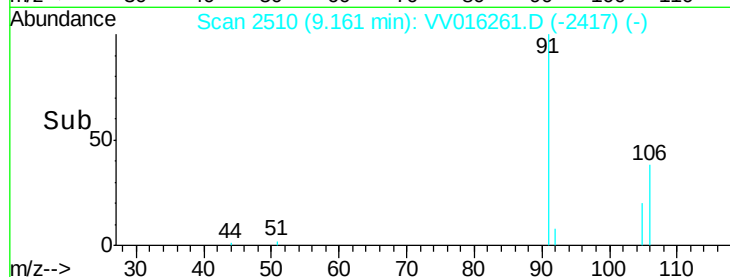
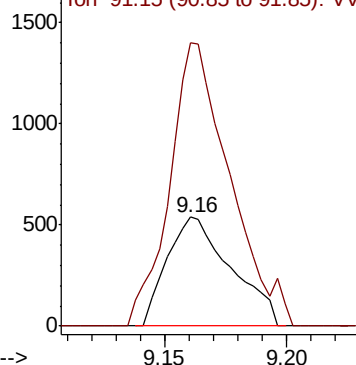
Ion Ratio Lower Upper

106 100

91 260.2 148.1 275.0



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#70

Naphthalene

Concen: 0.239 ug/L

RT: 13.53 min Scan# 3870

Delta R.T. 0.01 min

Lab File: VV016261.D

Acq: 28 May 2020 05:01

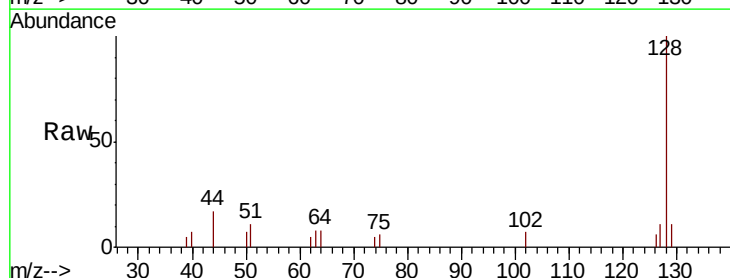
Tgt Ion:128 Resp: 3607

Ion Ratio Lower Upper

128 100

129 8.9 8.6 13.0

127 11.0 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

