

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051420\
 Data File : VV016073.D
 Acq On : 14 May 2020 17:44
 Operator : SY/MD
 Sample : L2598-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 15 06:31:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 06:27:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	151825	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	151328	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	69061	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40912	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	40475	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.12	63	61486	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.94	46	124918	53.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.34%
24) Chloroform-d	4.38	84	85642	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	49819	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.08	84	168402	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.10	67	53399	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.34	98	146979	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
45) trans-1,3-Dichloropropene-	7.65	79	17742	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
48) 2-Hexanone-d5	8.12	63	96296	50.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.64%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38863	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	56388	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

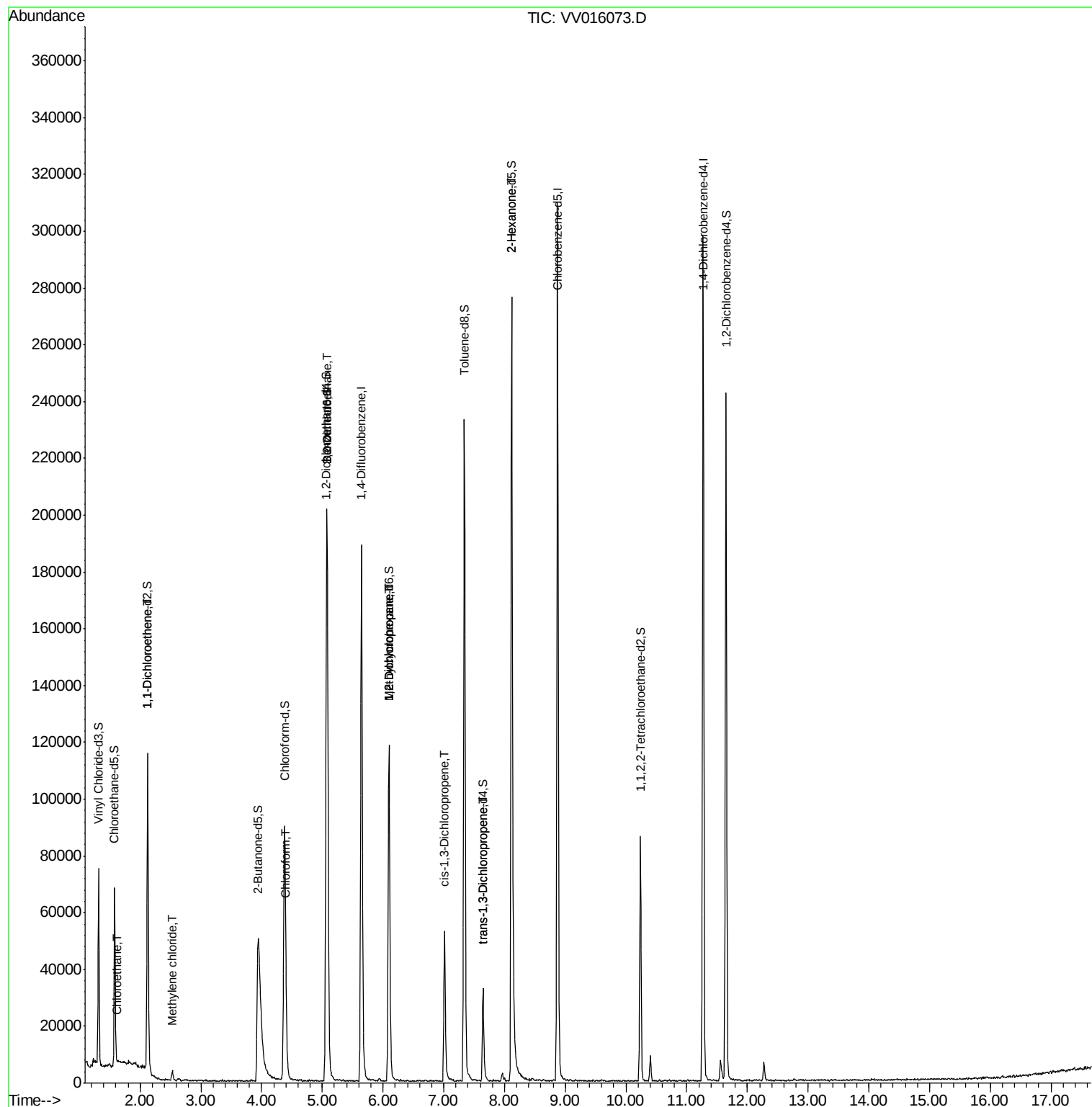
					Ovalue
8) Chloroethane	1.62	64	2793	0.348 ug/L #	55
12) 1,1-Dichloroethene	2.13	96	598	0.072 ug/L #	1
16) Methylene chloride	2.53	84	1184	0.118 ug/L	78
25) Chloroform	4.41	83	5688	0.290 ug/L	94
27) 1,2-Dichloroethane	5.08	62	1205	0.100 ug/L #	76
35) Methylcyclohexane	6.10	83	13494	0.821 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6534	0.676 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1498	0.110 ug/L #	67
46) trans-1,3-Dichloropropene	7.65	75	994	0.086 ug/L	92
50) 2-Hexanone	8.12	43	14561	3.415 ug/L #	77

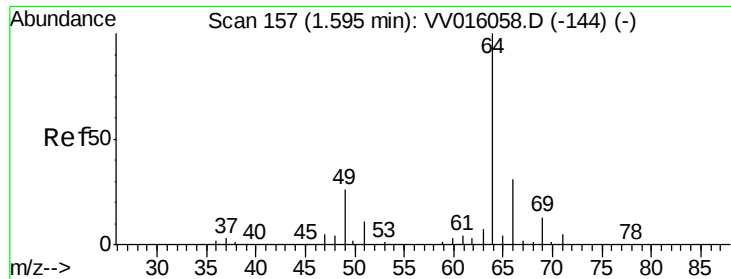
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.348 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.03 min

Lab File: VV016073.D

Acq: 14 May 2020 17:44

Instrument :

MSVOA_V

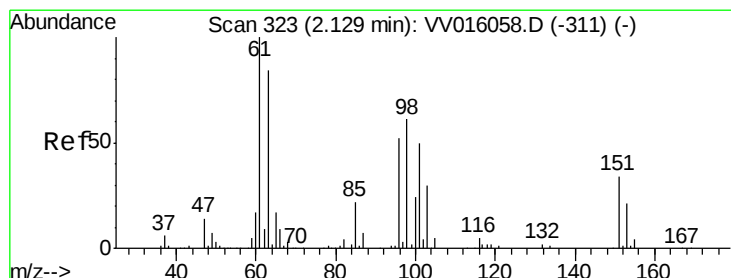
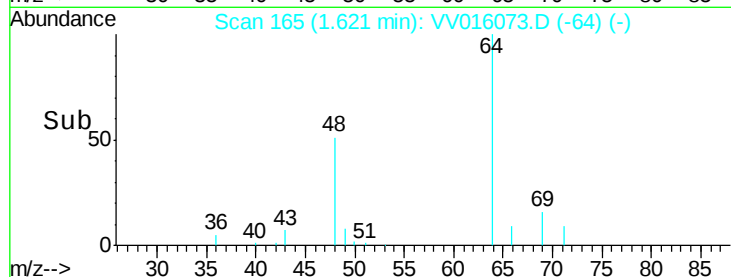
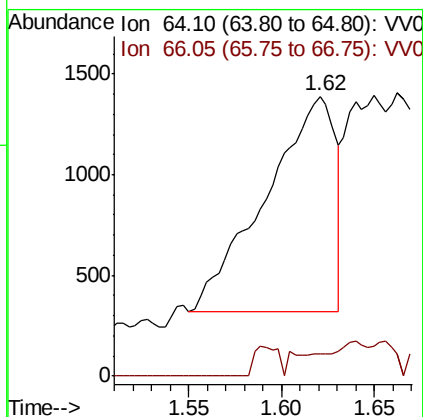
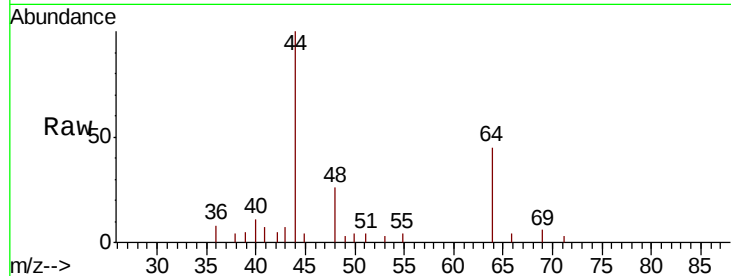
ClientSampled :

Tot Ion: 64 Resp: 2793

Ion Ratio Lower Upper

64 100

66 8.1 23.6 43.8#



#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016073.D

Acq: 14 May 2020 17:44

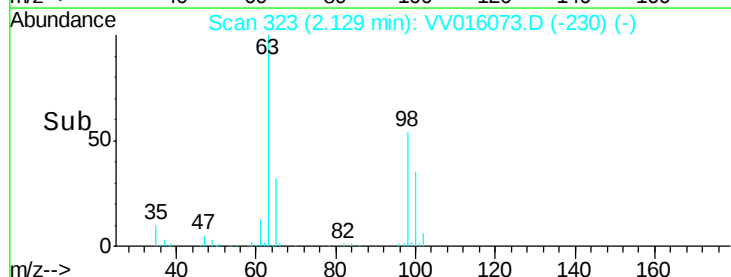
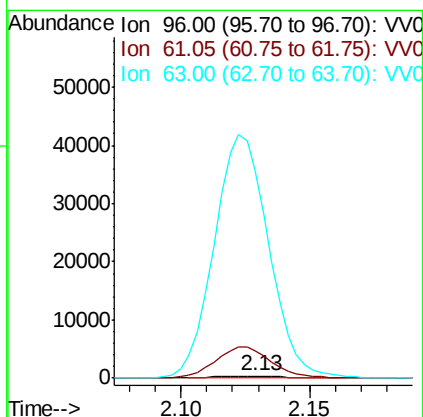
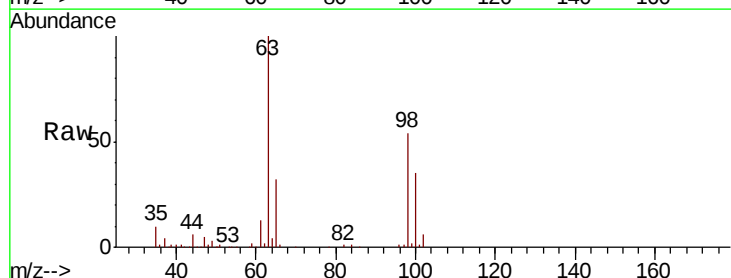
Tgt Ion: 96 Resp: 598

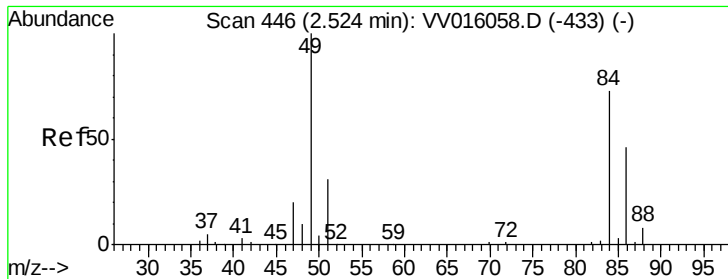
Ion Ratio Lower Upper

96 100

61 1600.0 139.9 259.7#

63 11975.8 106.4 197.6#

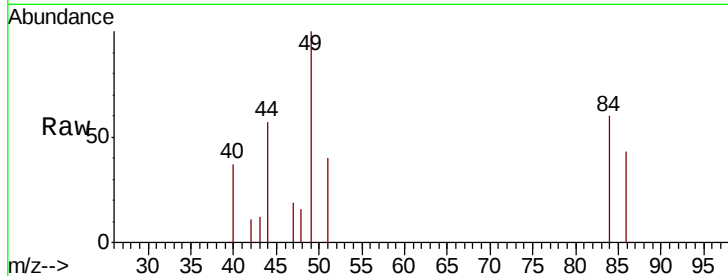




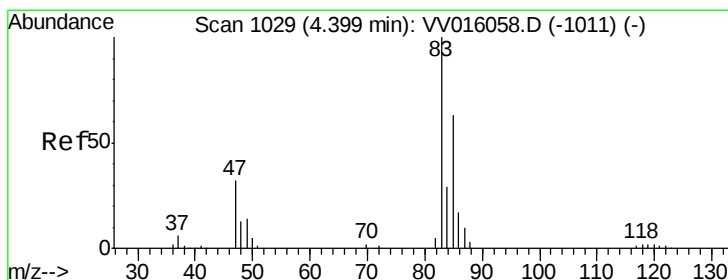
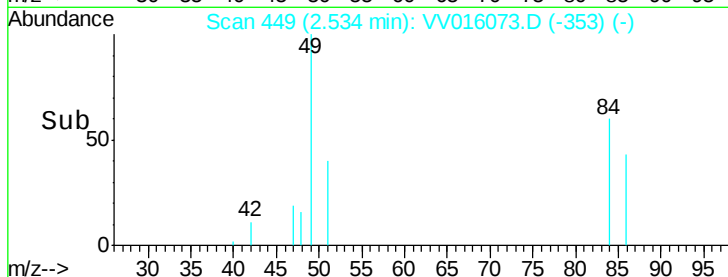
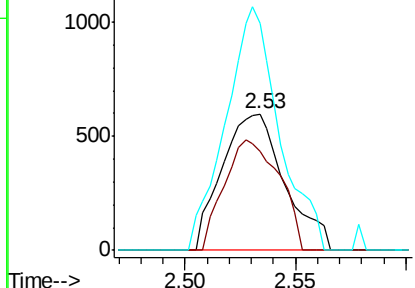
#16
Methvlene chloride
Concen: 0.118 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV016073.D
Acq: 14 May 2020 17:44

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 84 Resp: 1184
Ion Ratio Lower Upper
84 100
86 72.3 45.6 84.8
49 166.4 93.6 173.8

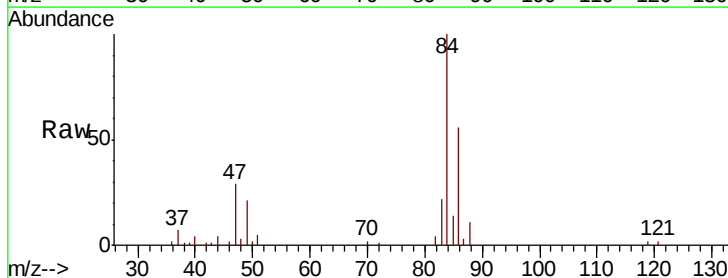


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

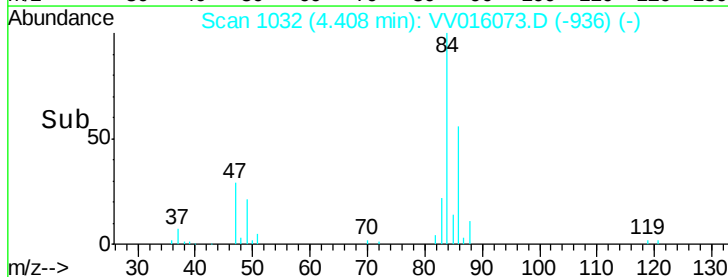
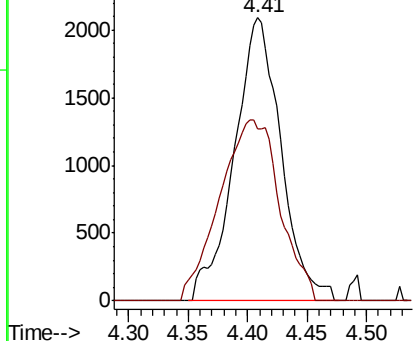


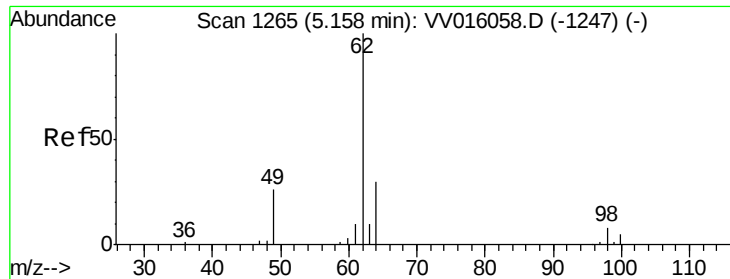
#25
Chloroform
Concen: 0.290 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016073.D
Acq: 14 May 2020 17:44

Tgt Ion: 83 Resp: 5688
Ion Ratio Lower Upper
83 100
85 60.9 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

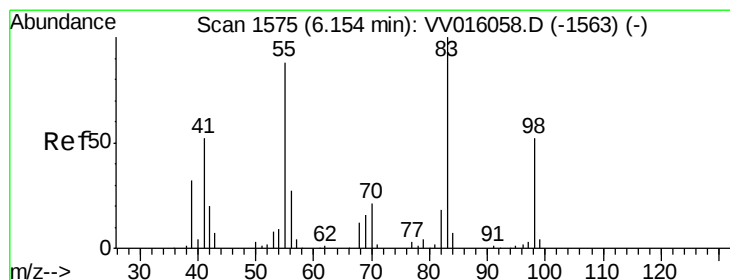
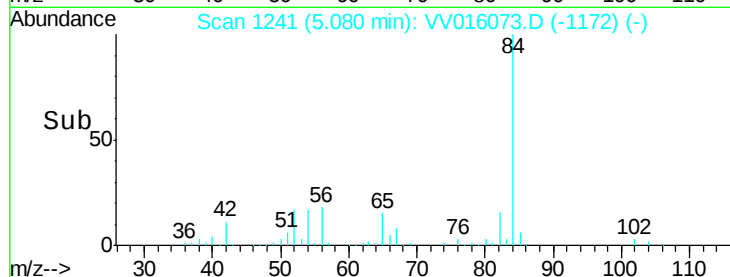
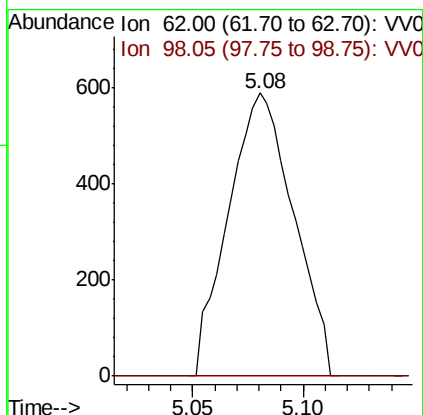
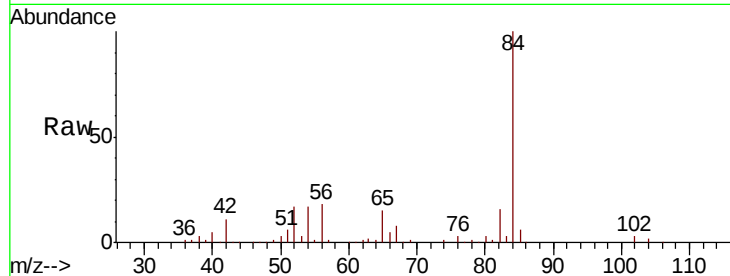




#27
 1,2-Dichloroethane
 Concen: 0.100 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV016073.D
 Acq: 14 May 2020 17:44

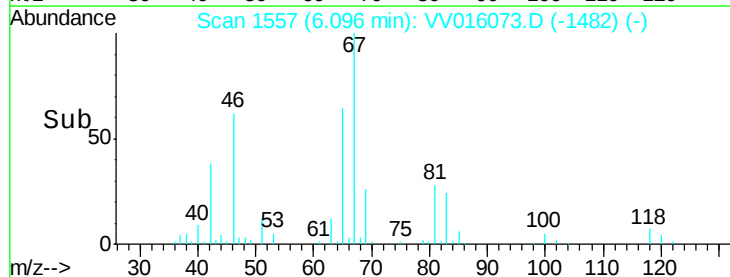
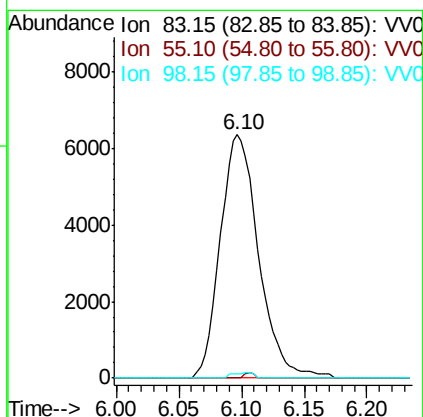
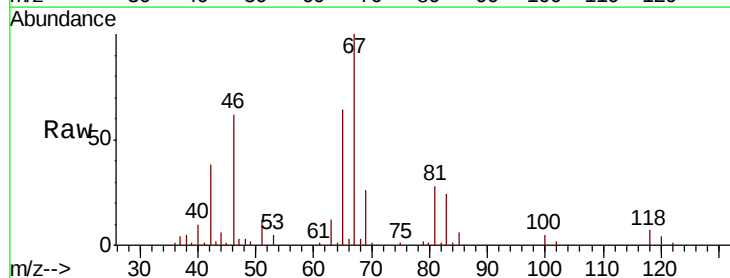
Instrument :
 MSVOA_V
 ClientSampleId :

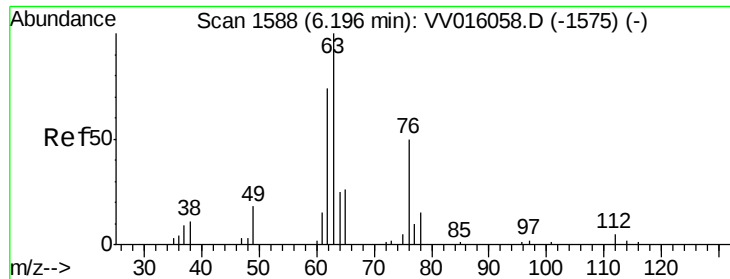
Tot Ion: 62 Resp: 1205
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.821 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016073.D
 Acq: 14 May 2020 17:44

Tgt Ion: 83 Resp: 13494
 Ion Ratio Lower Upper
 83 100
 55 0.5 66.2 99.2#
 98 1.2 37.9 56.9#

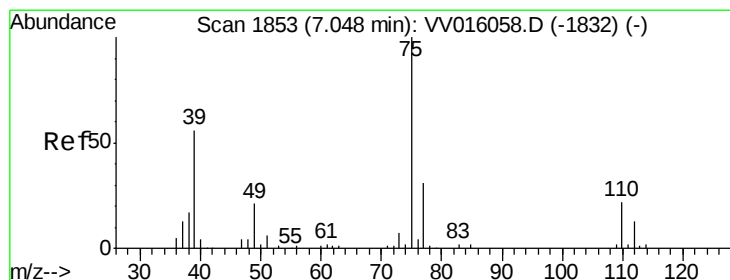
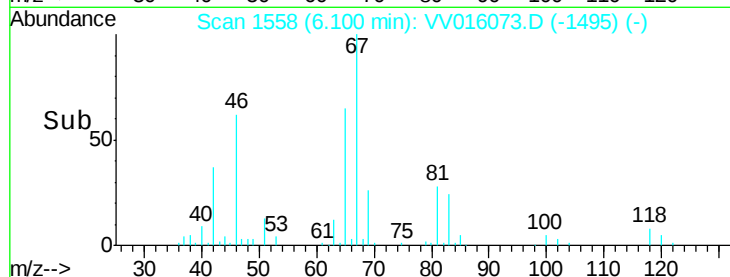
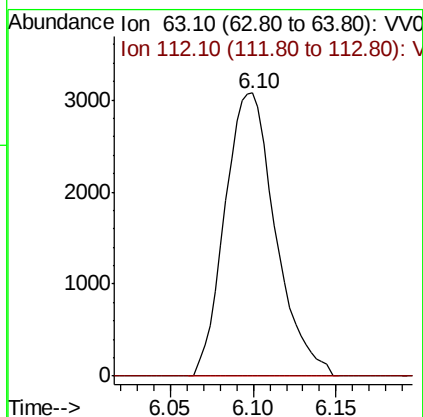
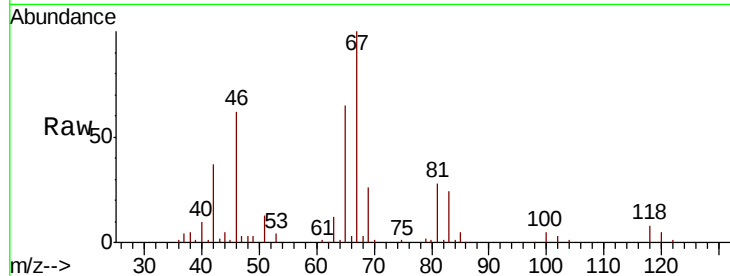




#37
 1,2-Dichloropropane
 Concen: 0.676 ug/L
 RT: 6.10 min Scan# 1558
 Delta R.T. -0.10 min
 Lab File: VV016073.D
 Acq: 14 May 2020 17:44

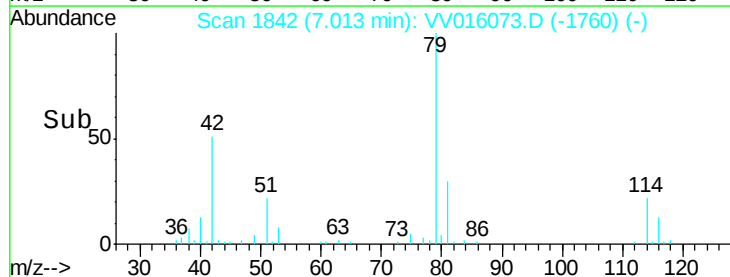
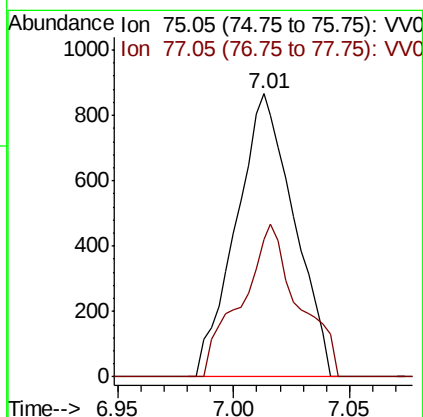
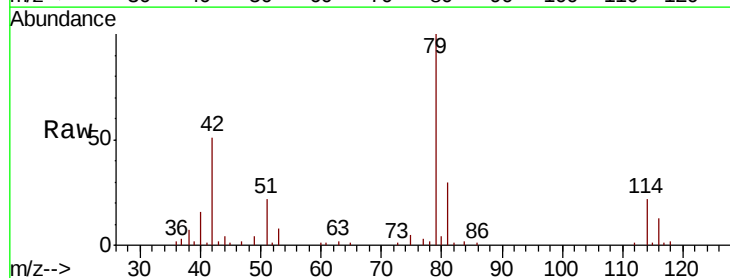
Instrument :
 MSVOA_V
 ClientSampleId :

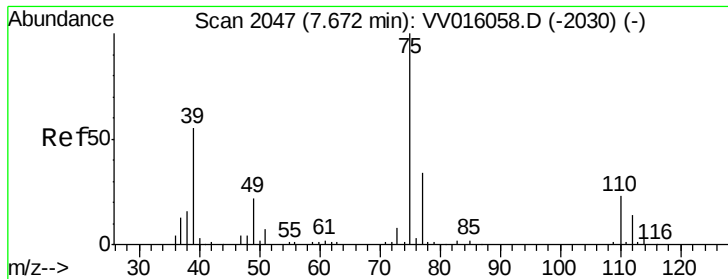
Tot Ion: 63 Resp: 6534
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016073.D
 Acq: 14 May 2020 17:44

Tgt Ion: 75 Resp: 1498
 Ion Ratio Lower Upper
 75 100
 77 48.5 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV016073.D

Acq: 14 May 2020 17:44

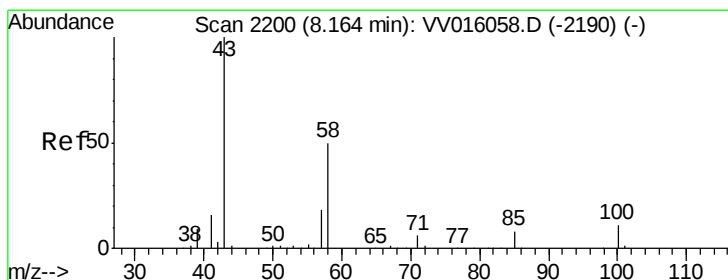
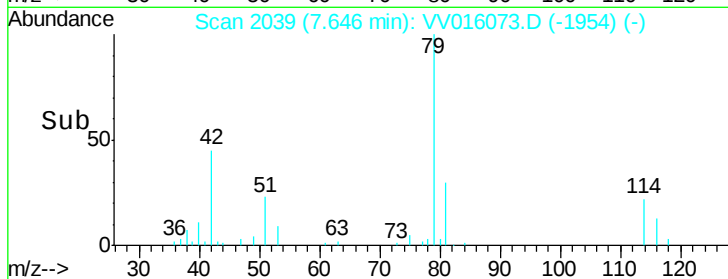
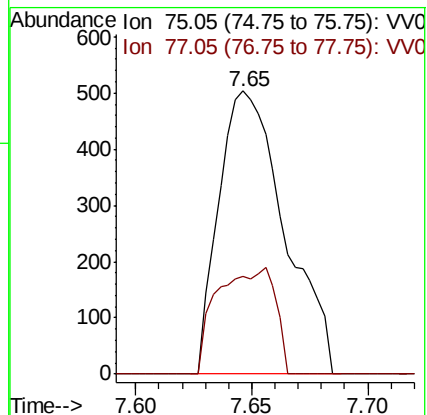
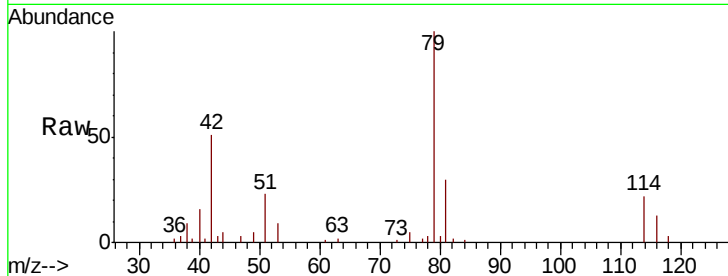
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

77 34.8 21.3 39.6



#50

2-Hexanone

Concen: 3.415 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016073.D

Acq: 14 May 2020 17:44

Tgt Ion: 43 Resp: 14561

Ion Ratio Lower Upper

43 100

58 35.1 40.8 61.2#

57 28.1 14.7 22.1#

100 0.7 9.0 13.6#

