

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052720\
 Data File : VV016217.D
 Acq On : 27 May 2020 10:48
 Operator : SY/MD
 Sample : VV0527WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 28 01:19:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 01:17:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	87981	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	86893	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	38698	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28593	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	25742	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	40630	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.94	46	76464	54.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.10%
24) Chloroform-d	4.38	84	56851	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.06	65	30963	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.08	84	108758	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.10	67	33907	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	96493	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
45) trans-1,3-Dichloropropene-	7.64	79	11824	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
48) 2-Hexanone-d5	8.12	63	53946	47.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	24133	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	33732	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

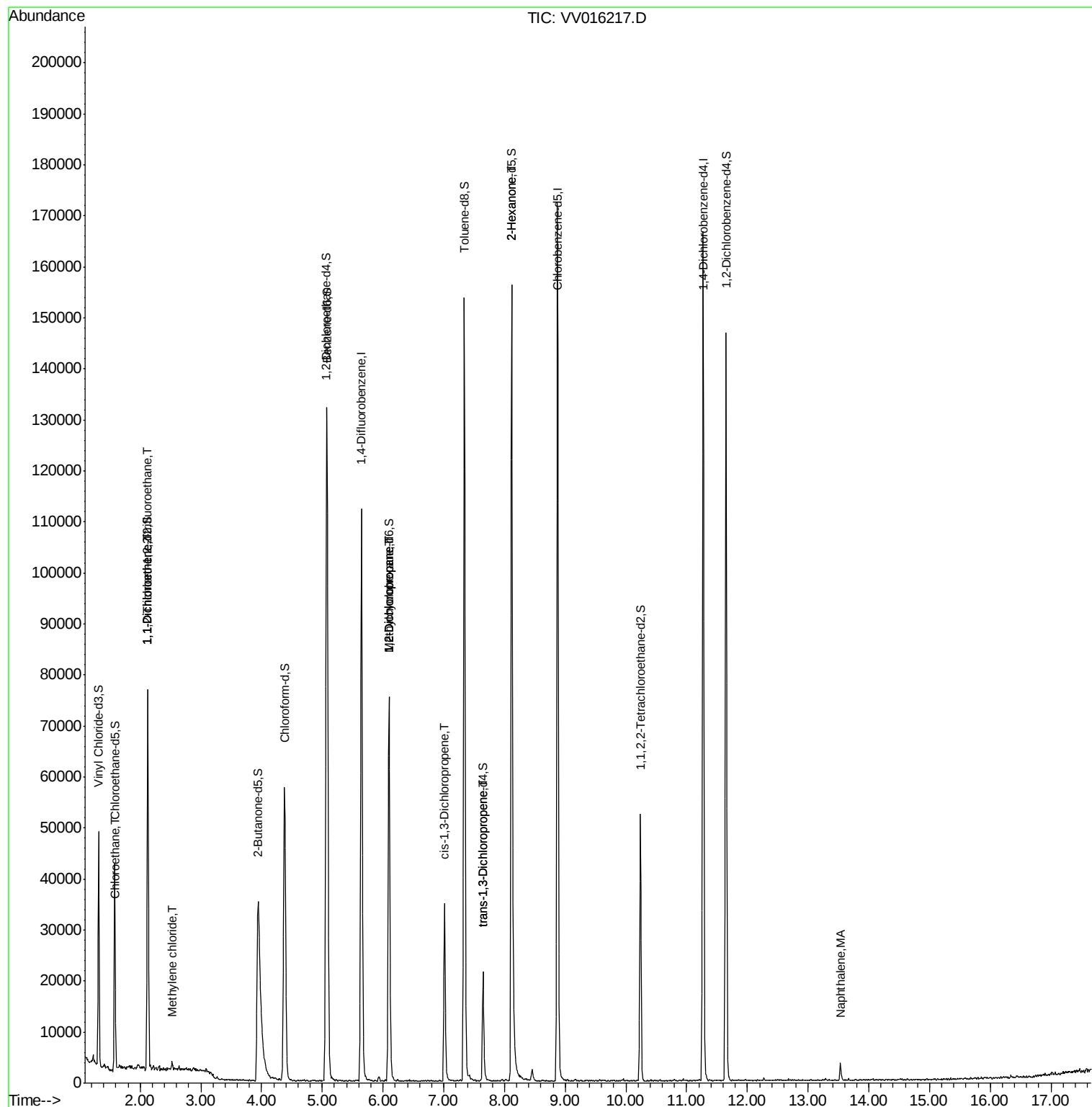
					Ovalue
8) Chloroethane	1.60	64	406	0.094 ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	397	0.073 ug/L #	21
12) 1,1-Dichloroethene	2.13	96	408	0.079 ug/L #	1
16) Methylene chloride	2.53	84	623	0.105 ug/L	80
35) Methylcyclohexane	6.10	83	8434	0.768 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4254	0.694 ug/L #	88
39) cis-1,3-Dichloropropene	7.02	75	1127	0.130 ug/L	86
46) trans-1,3-Dichloropropene	7.65	75	527	0.073 ug/L #	70
50) 2-Hexanone	8.12	43	7566	2.843 ug/L #	74
70) Naphthalene	13.53	128	2904	0.181 ug/L	99

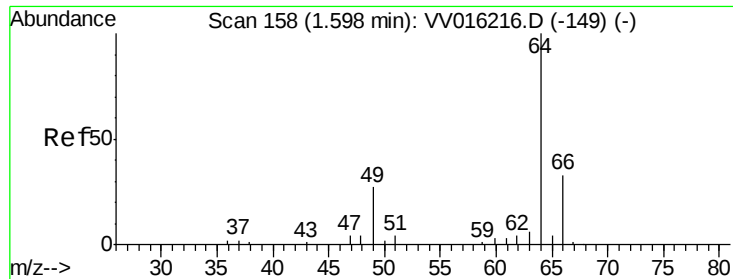
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 28 01:17:22 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.094 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV016217.D

Acq: 27 May 2020 10:48

Instrument :

MSVOA_V

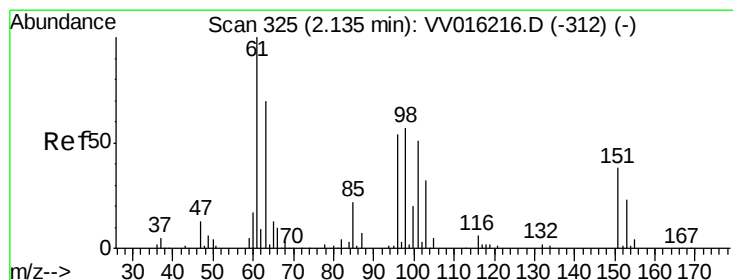
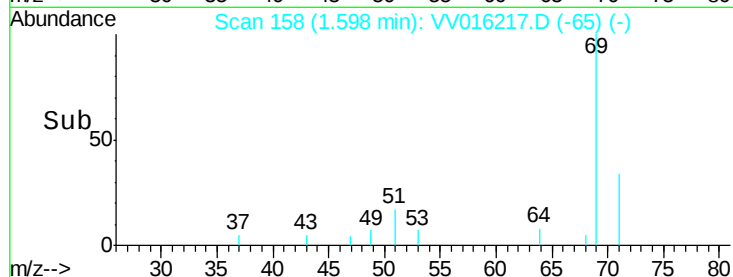
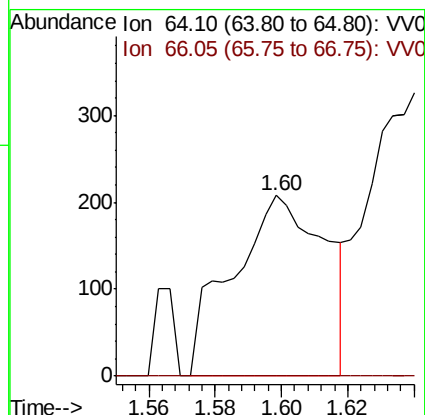
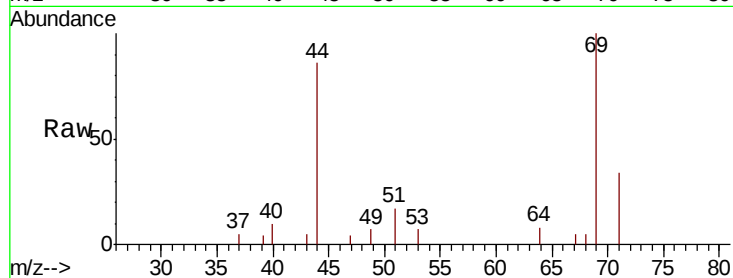
ClientSampleId :

Tot Ion: 64 Resp: 406

Ion Ratio Lower Upper

64 100

66 0.0 22.9 42.5#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016217.D

Acq: 27 May 2020 10:48

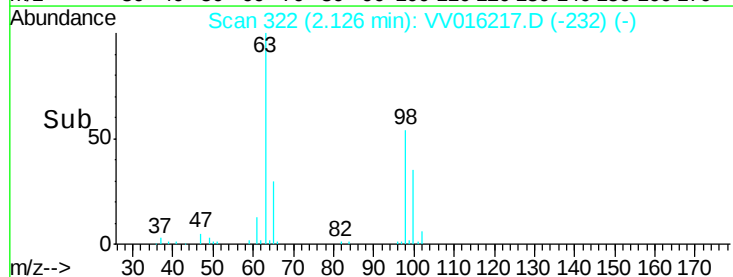
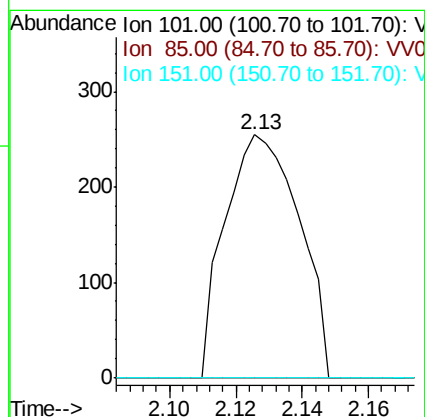
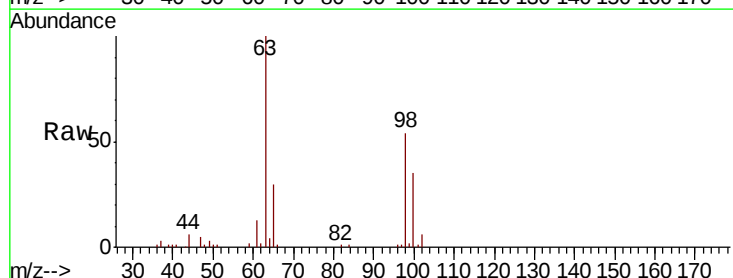
Tgt Ion: 101 Resp: 397

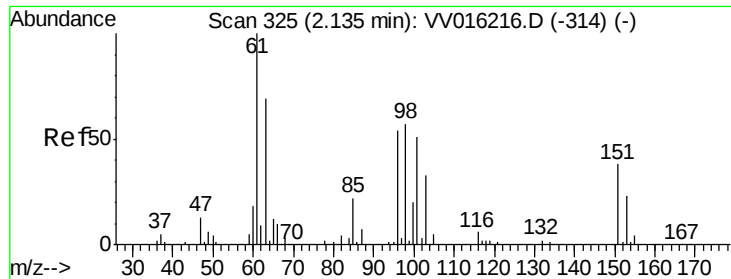
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.6#

151 0.0 56.3 84.5#

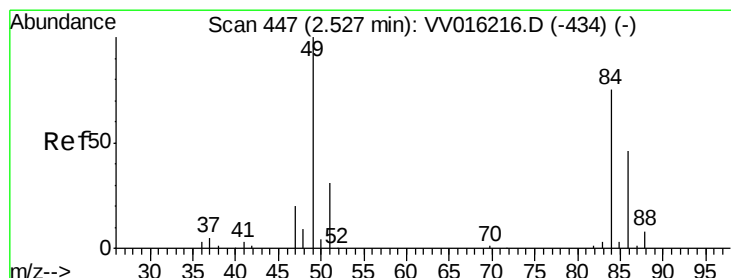
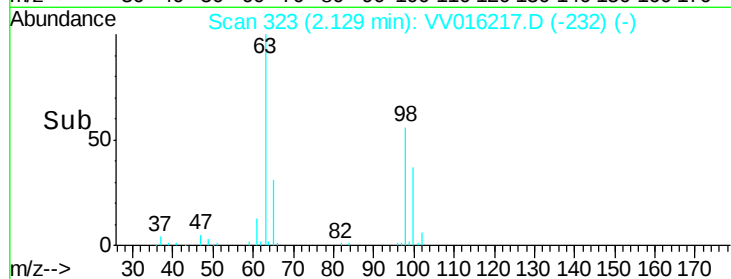
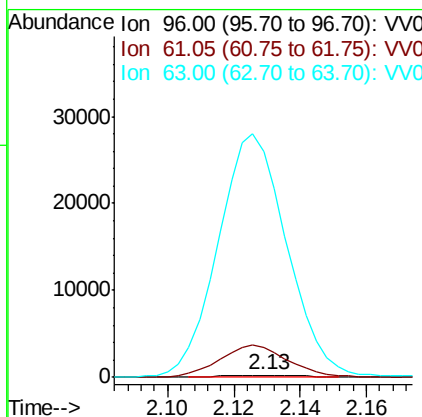
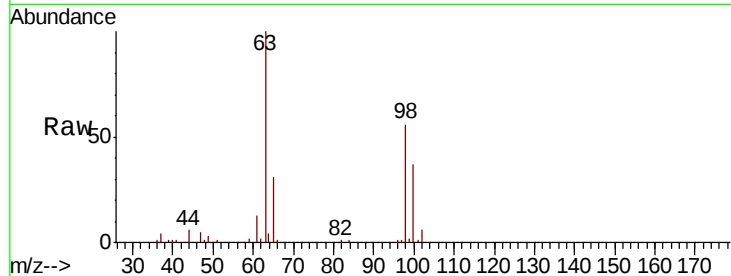




#12
 1,1-Dichloroethene
 Concen: 0.079 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV016217.D
 Acq: 27 May 2020 10:48

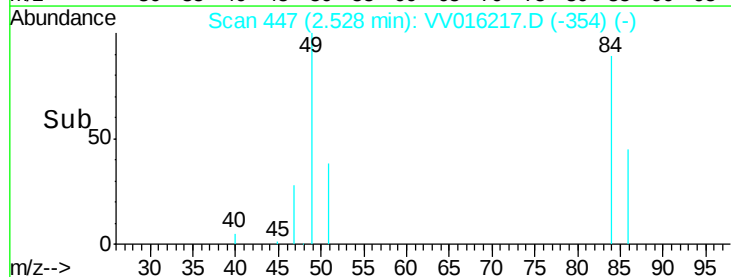
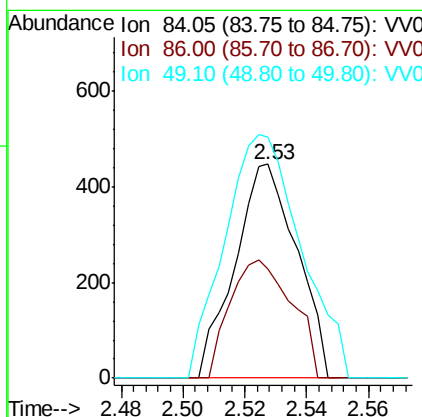
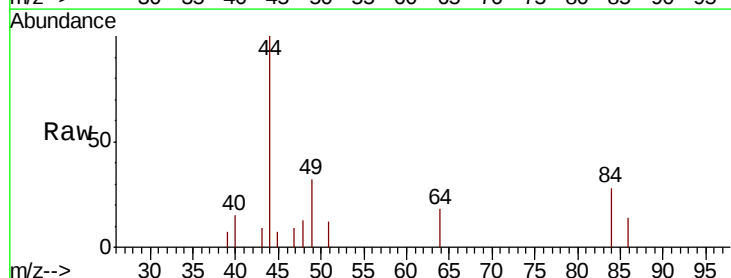
Instrument :
 MSVOA_V
 ClientSampleId :

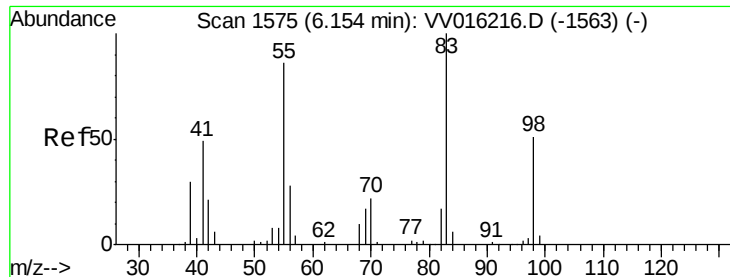
Tot Ion: 96 Resp: 408
 Ion Ratio Lower Upper
 96 100
 61 1351.6 124.9 231.9#
 63 10058.9 80.4 149.2#



#16
 Methylene chloride
 Concen: 0.105 ug/L
 RT: 2.53 min Scan# 447
 Delta R.T. 0.00 min
 Lab File: VV016217.D
 Acq: 27 May 2020 10:48

Tgt Ion: 84 Resp: 623
 Ion Ratio Lower Upper
 84 100
 86 51.2 44.9 83.5
 49 112.8 96.7 179.7

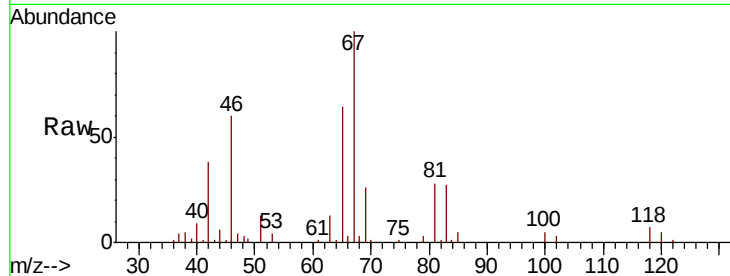




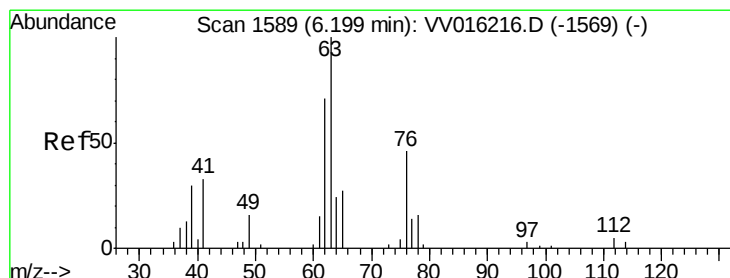
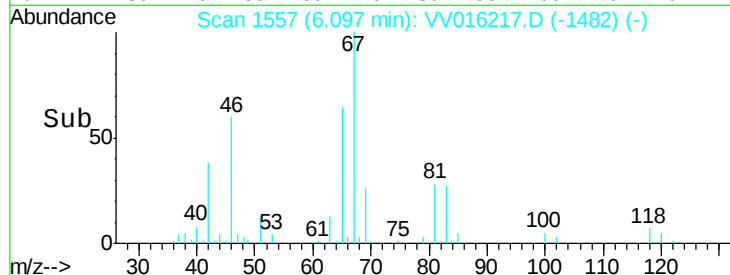
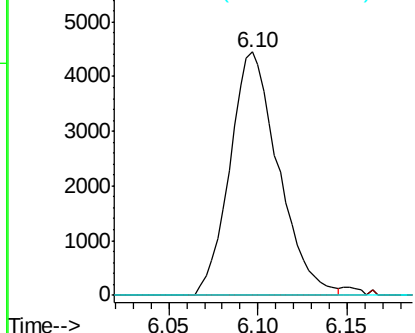
#35
Methvlcvclohexane
Concen: 0.768 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016217.D
Acq: 27 May 2020 10:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 8434
Ion Ratio Lower Upper
83 100
55 0.2 65.4 98.0#
98 0.0 39.3 58.9#

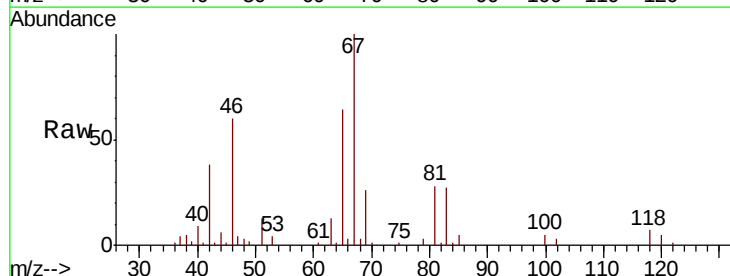


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

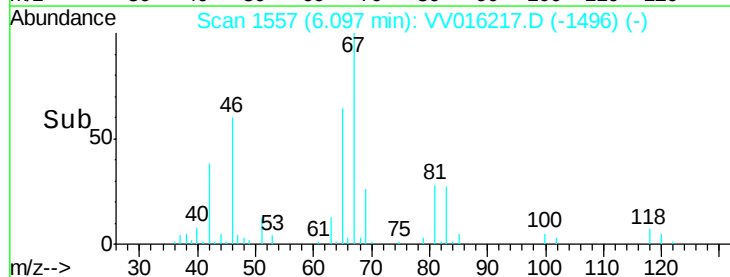
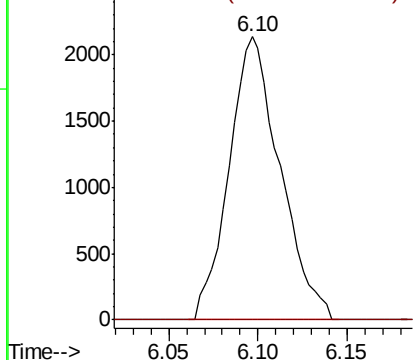


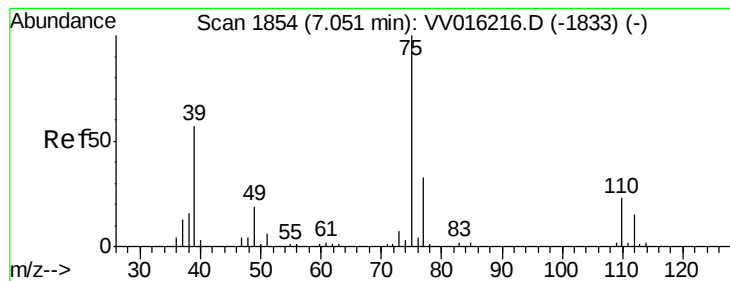
#37
1,2-Dichloropropane
Concen: 0.694 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016217.D
Acq: 27 May 2020 10:48

Tgt Ion: 63 Resp: 4254
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



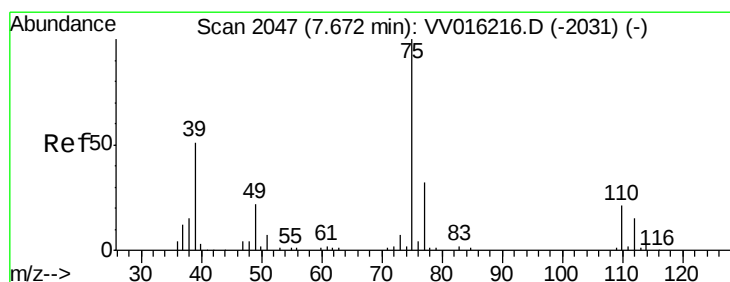
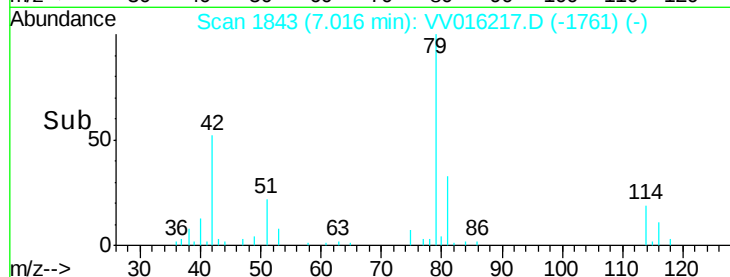
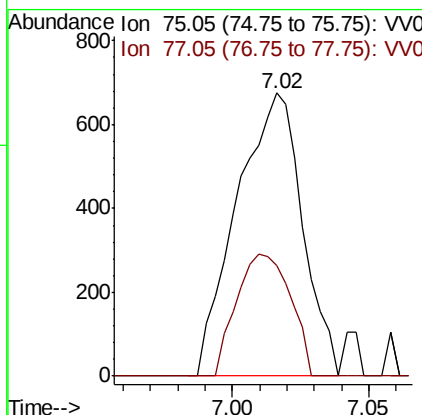
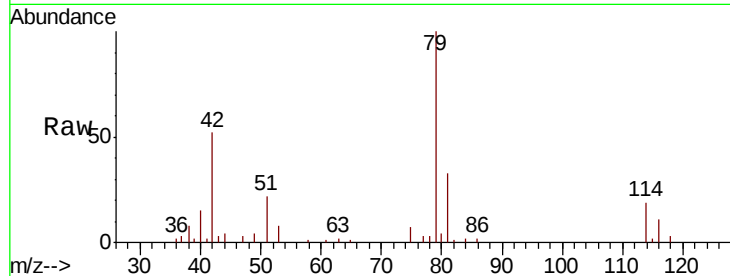


#39

cis-1,3-Dichloropropene
 Concen: 0.130 ug/L
 RT: 7.02 min Scan# 1843
 Delta R.T. -0.04 min
 Lab File: VV016217.D
 Acq: 27 May 2020 10:48

Instrument :
 MSVOA_V
 ClientSampleId :

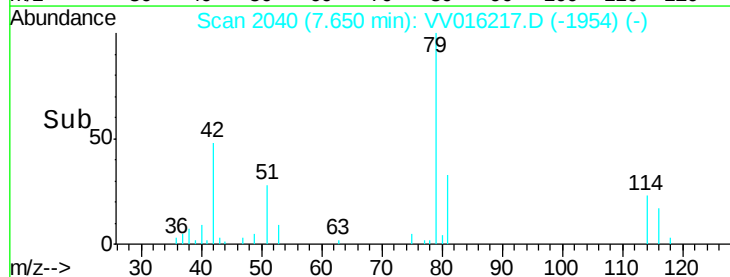
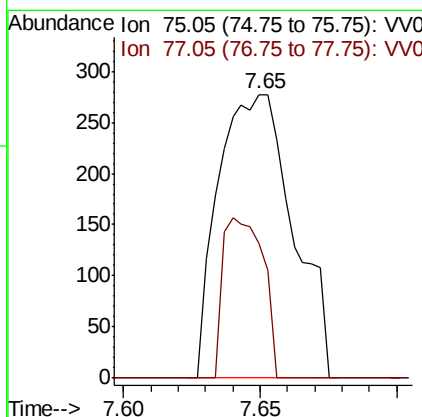
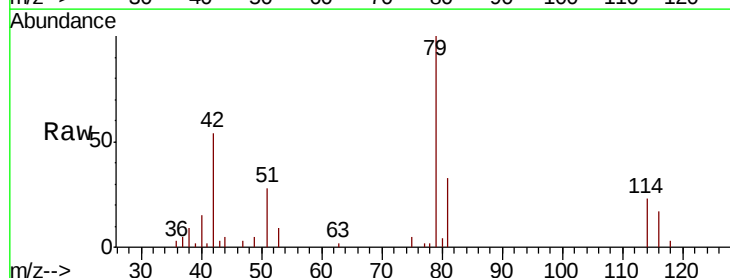
Tot Ion: 75 Resp: 1127
 Ion Ratio Lower Upper
 75 100
 77 39.0 21.7 40.3

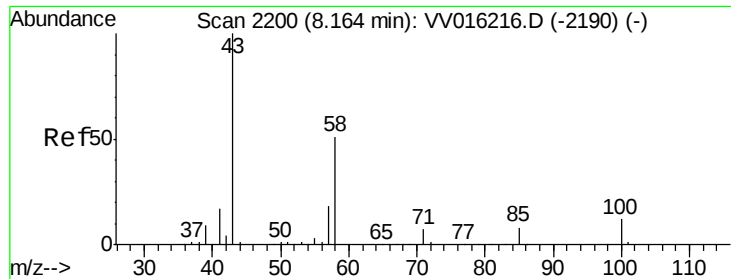


#46

trans-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016217.D
 Acq: 27 May 2020 10:48

Tgt Ion: 75 Resp: 527
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.7 40.3#

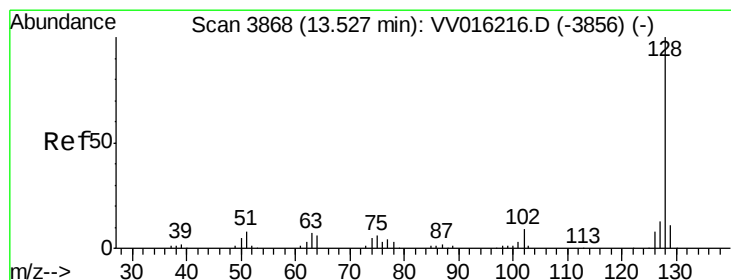
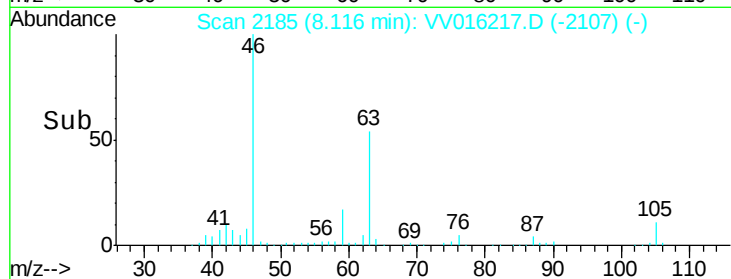
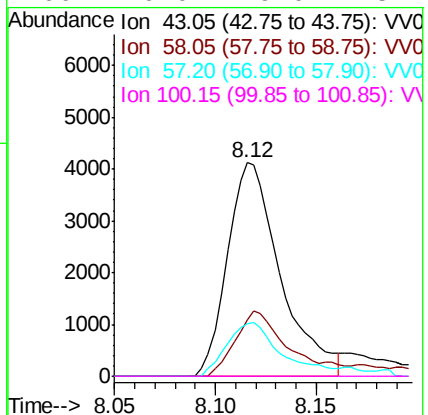
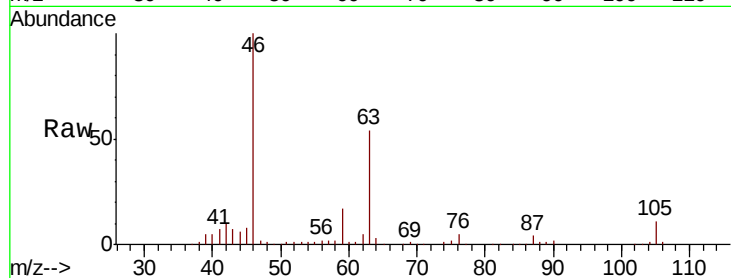




#50
2-Hexanone
Concen: 2.843 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016217.D
Acq: 27 May 2020 10:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 7566
Ion Ratio Lower Upper
43 100
58 31.2 41.4 62.0#
57 25.7 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.181 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016217.D
Acq: 27 May 2020 10:48

Tgt Ion: 128 Resp: 2904
Ion Ratio Lower Upper
128 100
129 10.2 8.6 13.0
127 13.2 10.6 15.8

