

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016380.D
 Acq On : 31 May 2020 11:50
 Operator : SY/MD
 Sample : L2794-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:17:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	75617	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	72878	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	31024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29809	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	22837	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.12	63	40472	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.96	46	66599	46.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.26%
24) Chloroform-d	4.38	84	52196	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	28703	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	104259	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.10	67	31116	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	87927	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	9819	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
48) 2-Hexanone-d5	8.12	63	54279	50.58	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22196	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	29748	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

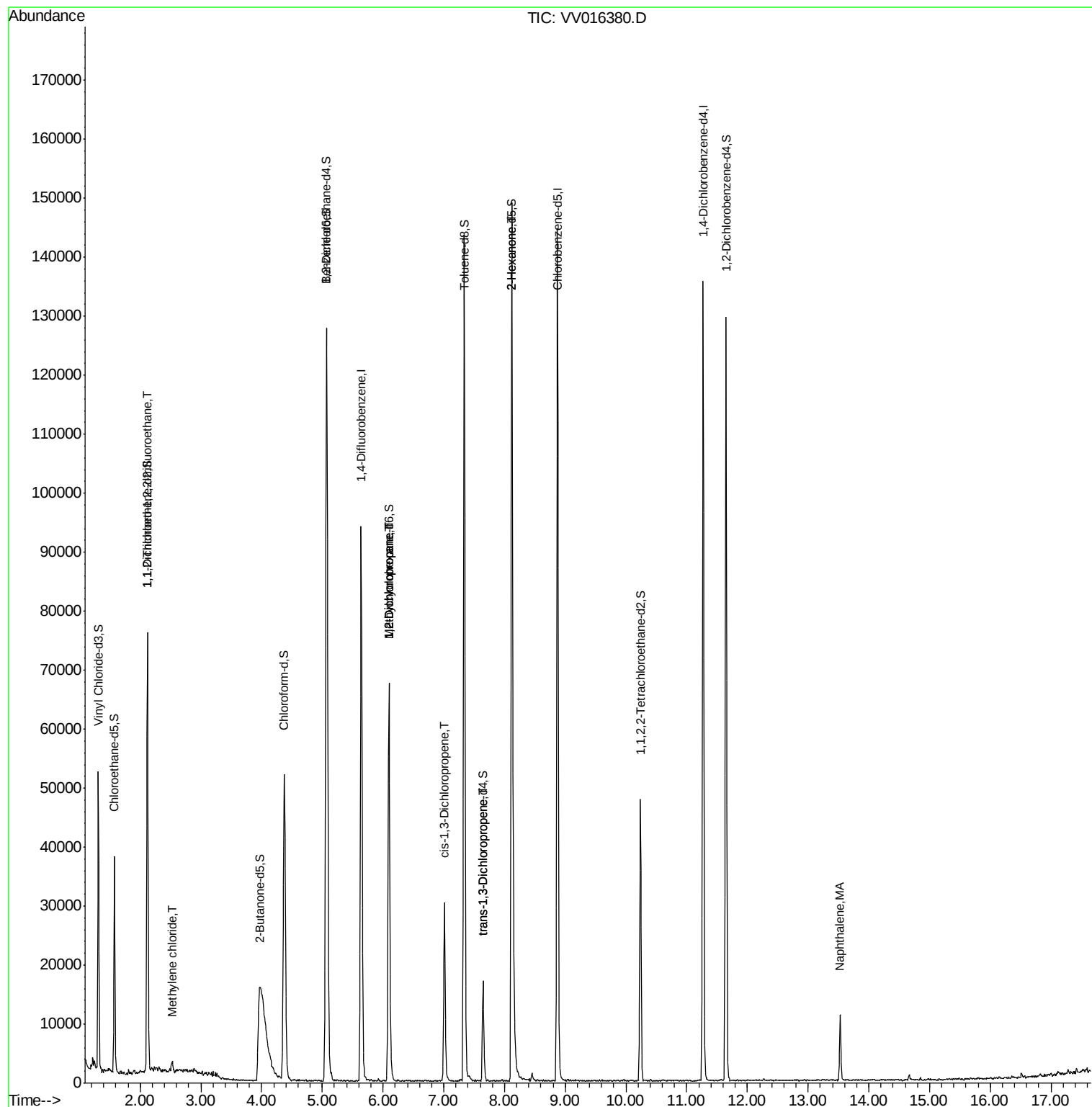
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	390	0.076 ug/L #	21
16) Methylene chloride	2.52	84	611	0.117 ug/L #	69
35) Methylcyclohexane	6.10	83	7594	0.833 ug/L #	15
37) 1,2-Dichloropropane	6.09	63	3955	0.725 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	842	0.117 ug/L #	75
46) trans-1,3-Dichloropropene	7.64	75	468	0.079 ug/L #	62
50) 2-Hexanone	8.12	43	8922	3.882 ug/L #	72
70) Naphthalene	13.53	128	9259	0.654 ug/L	99

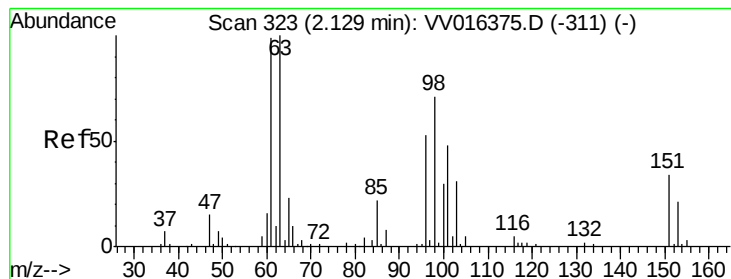
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016380.D

Acq: 31 May 2020 11:50

Instrument :

MSVOA_V

ClientSampleId :

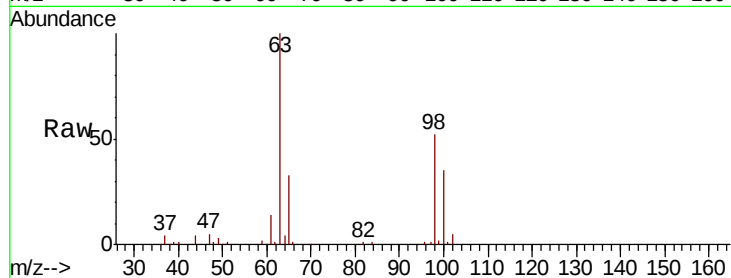
Tot Ion:101 Resp: 390

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

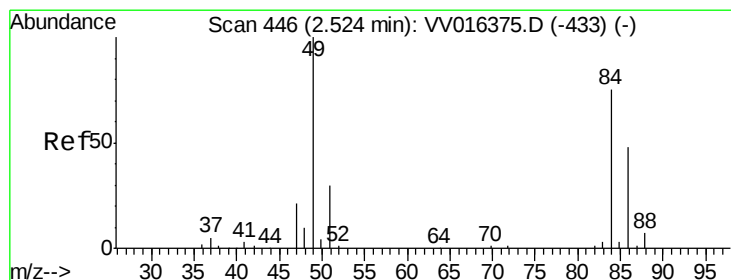
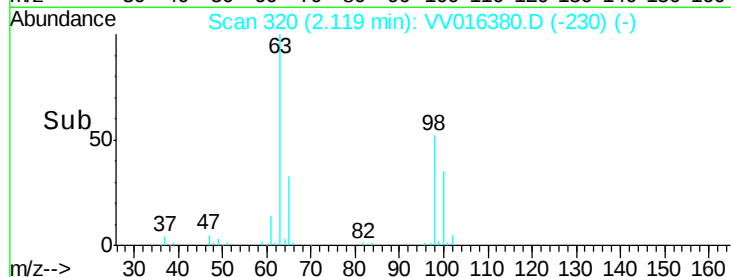
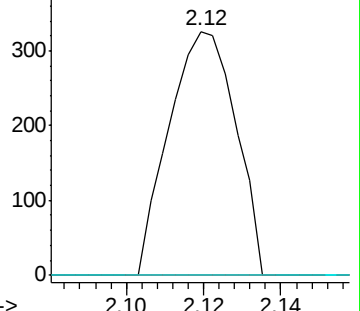
151 0.0 57.2 85.8#



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



#16

Methylene chloride

Concen: 0.117 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.01 min

Lab File: VV016380.D

Acq: 31 May 2020 11:50

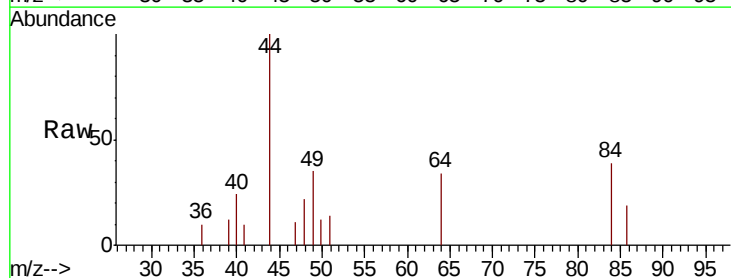
Tgt Ion: 84 Resp: 611

Ion Ratio Lower Upper

84 100

86 47.2 44.5 82.7

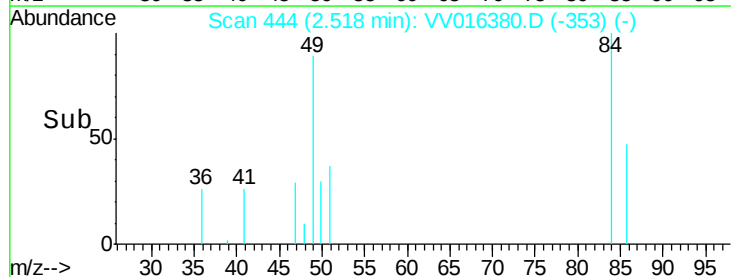
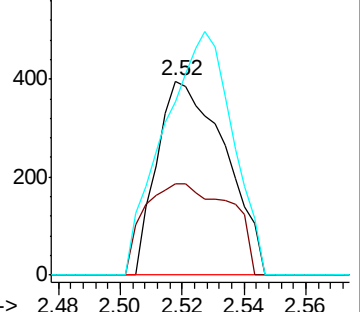
49 89.4 92.3 171.3#

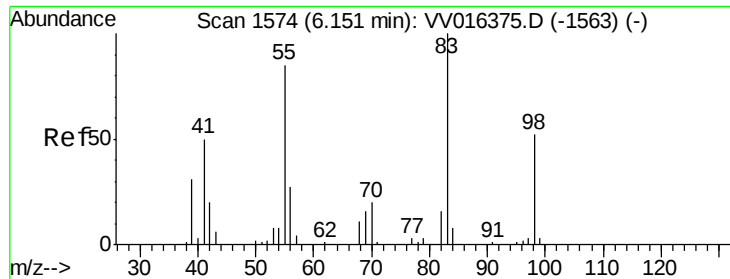


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

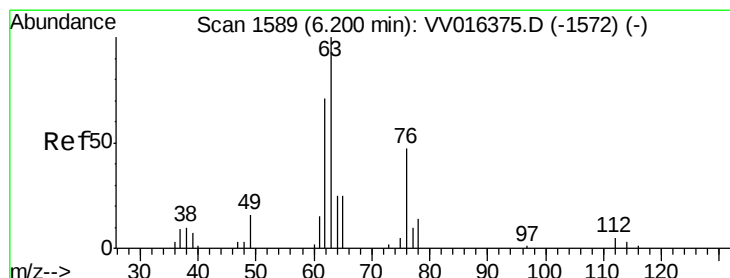
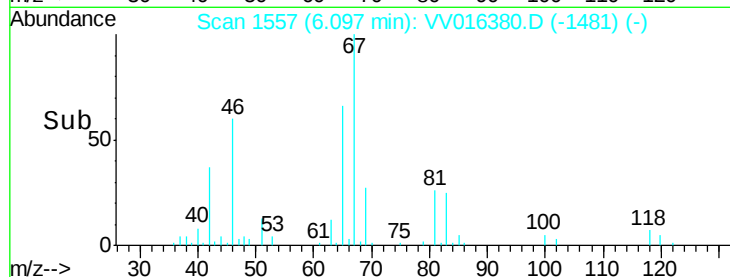
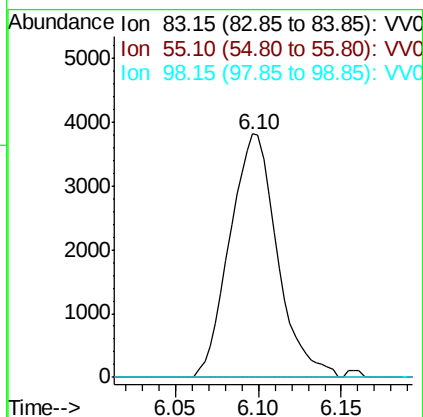
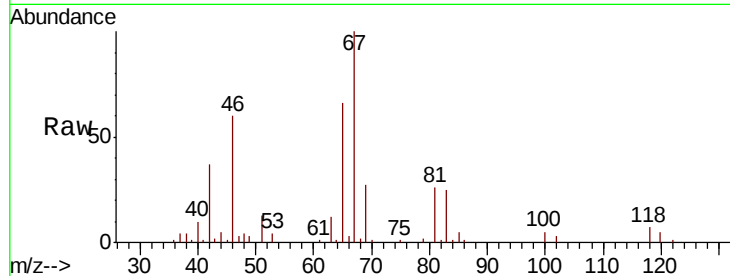




#35
Methvlcvclohexane
Concen: 0.833 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016380.D
Acq: 31 May 2020 11:50

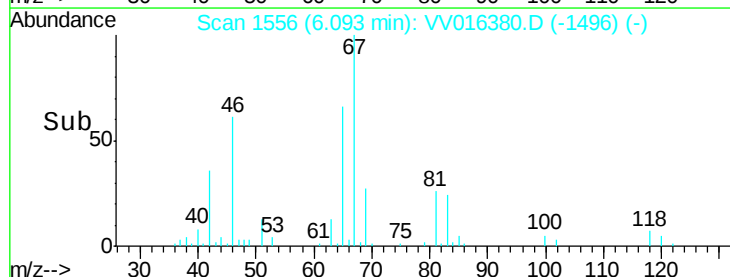
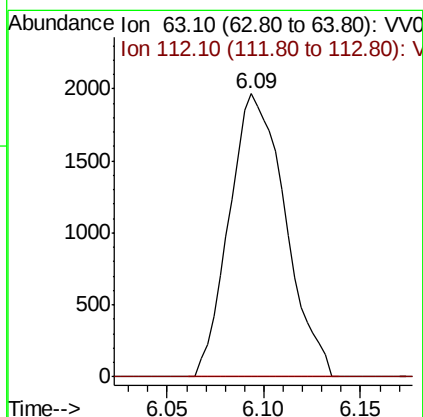
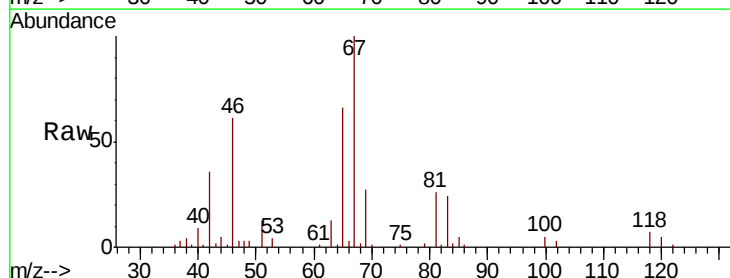
Instrument :
MSVOA_V
ClientSampleId :

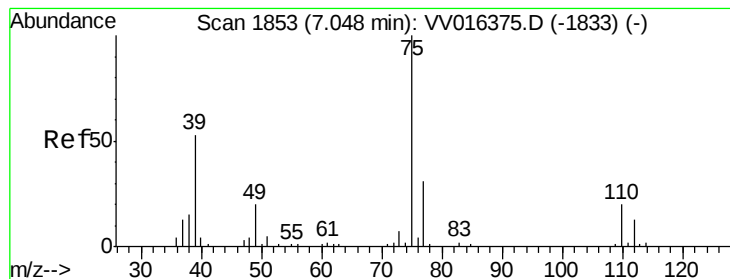
Tot Ion: 83 Resp: 7594
Ion Ratio Lower Upper
83 100
55 0.0 67.0 100.4#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.725 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV016380.D
Acq: 31 May 2020 11:50

Tgt Ion: 63 Resp: 3955
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



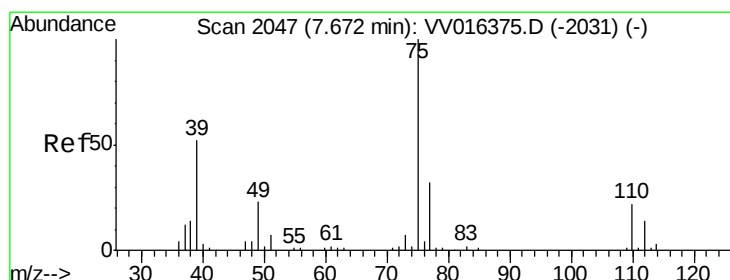
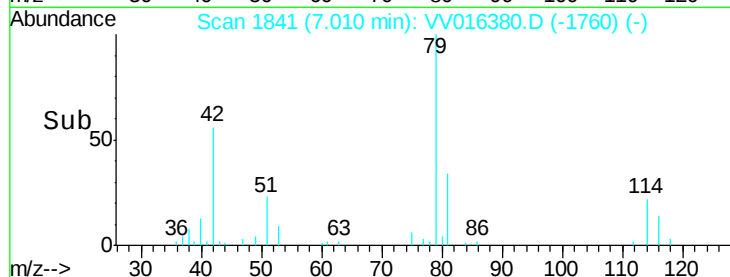
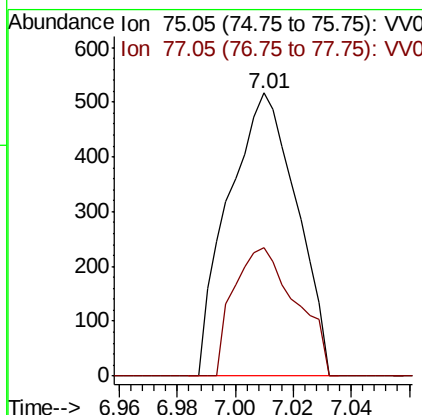
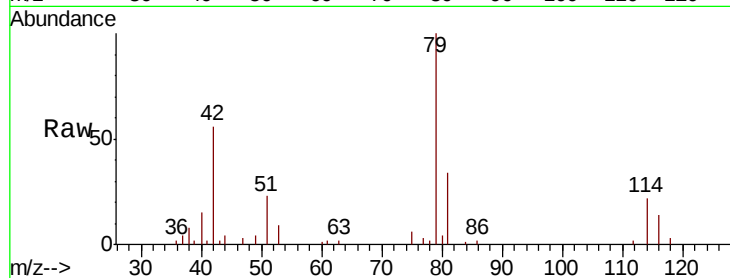


#39

cis-1,3-Dichloropropene
 Concen: 0.117 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016380.D
 Acq: 31 May 2020 11:50

Instrument :
 MSVOA_V
 ClientSampleId :

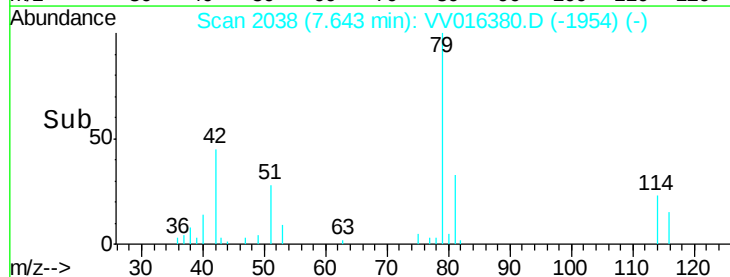
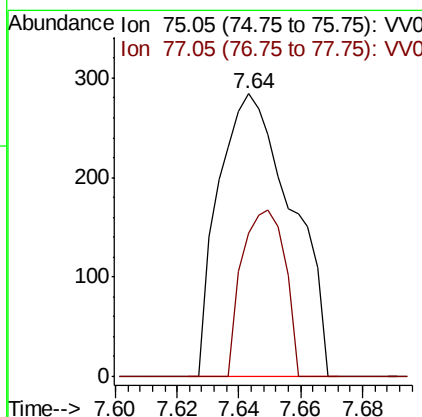
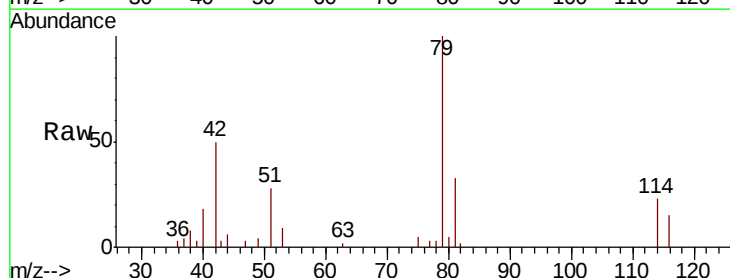
Tot Ion: 75 Resp: 842
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.0 41.0#

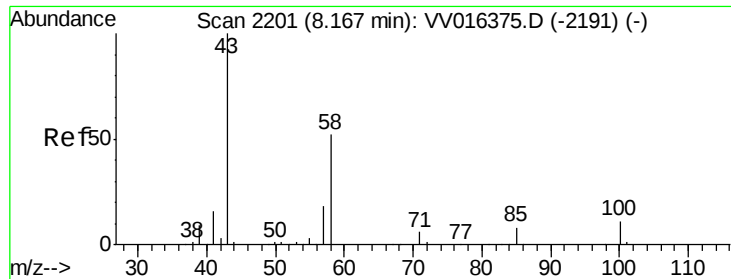


#46

trans-1,3-Dichloropropene
 Concen: 0.079 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016380.D
 Acq: 31 May 2020 11:50

Tgt Ion: 75 Resp: 468
 Ion Ratio Lower Upper
 75 100
 77 50.7 21.1 39.3#

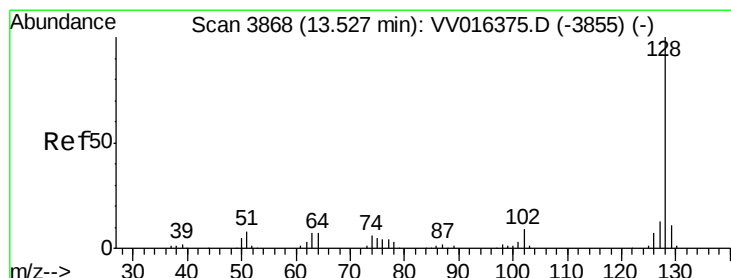
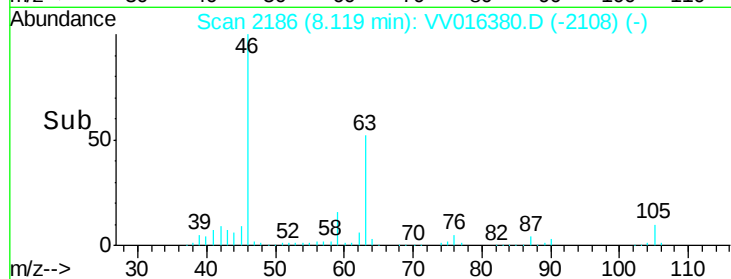
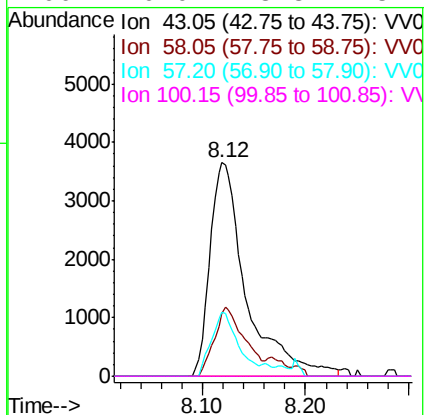
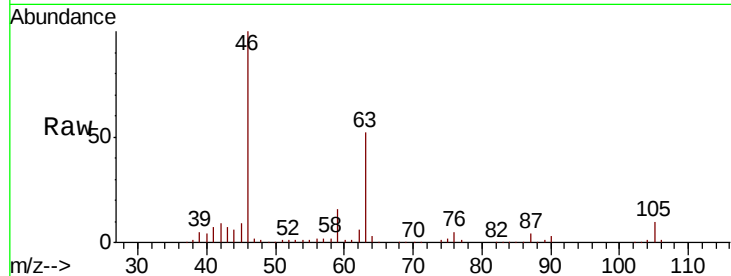




#50
2-Hexanone
Concen: 3.882 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016380.D
Acq: 31 May 2020 11:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 8922
Ion Ratio Lower Upper
43 100
58 27.1 41.1 61.7#
57 22.1 14.2 21.4#
100 0.0 8.8 13.2#



#70
Naphthalene
Concen: 0.654 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016380.D
Acq: 31 May 2020 11:50

Tgt Ion: 128 Resp: 9259
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 12.8 10.7 16.1

