

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016385.D
 Acq On : 31 May 2020 13:50
 Operator : SY/MD
 Sample : L2780-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:18:53 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	73849	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	72319	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	31107	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	31346	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	23838	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	42782	3.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.60%
20) 2-Butanone-d5	3.96	46	70851	50.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.58%
24) Chloroform-d	4.38	84	53115	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	29425	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.08	84	103007	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.10	67	31215	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	89007	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
45) trans-1,3-Dichloropropene-	7.65	79	9816	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
48) 2-Hexanone-d5	8.12	63	49637	46.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22098	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	30709	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

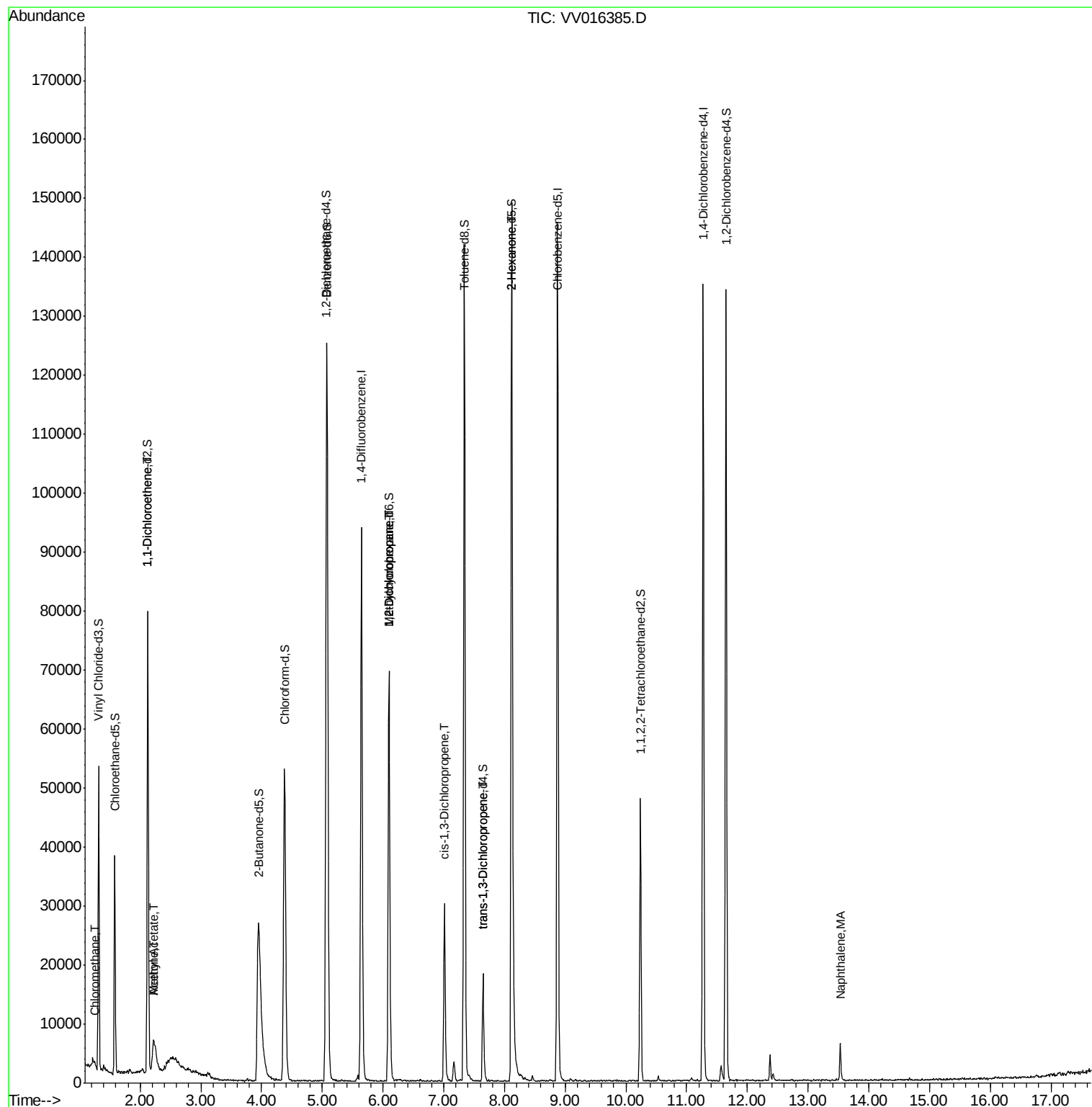
					Ovalue
3) Chloromethane	1.25	50	826	0.112 ug/L	95
12) 1,1-Dichloroethene	2.13	96	396	0.083 ug/L #	1
13) Acetone	2.22	43	13427	14.310 ug/L	63
15) Methyl Acetate	2.22	43	13005	5.523 ug/L #	52
35) Methylcyclohexane	6.10	83	7518	0.831 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	3912	0.723 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	870	0.122 ug/L #	62
46) trans-1,3-Dichloropropene	7.64	75	399	0.068 ug/L #	72
50) 2-Hexanone	8.12	43	7594	3.330 ug/L #	82
70) Naphthalene	13.53	128	5082	0.358 ug/L	99

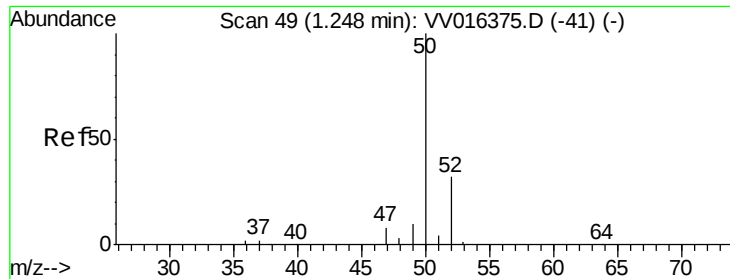
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#3

Chloromethane

Concen: 0.112 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV016385.D

Acq: 31 May 2020 13:50

Instrument :

MSVOA_V

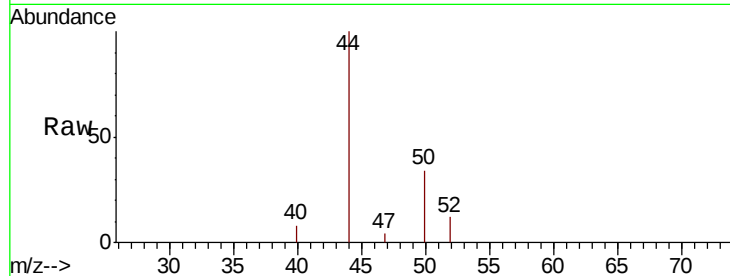
ClientSampleId :

Tot Ion: 50 Resp: 826

Ion Ratio Lower Upper

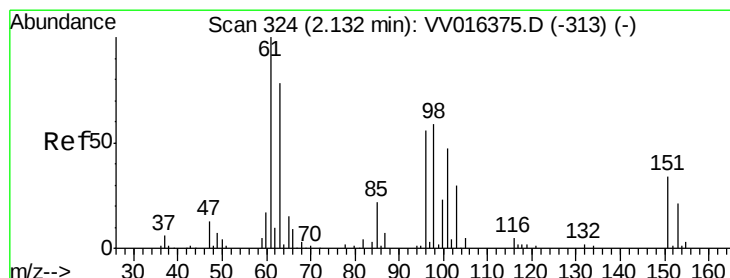
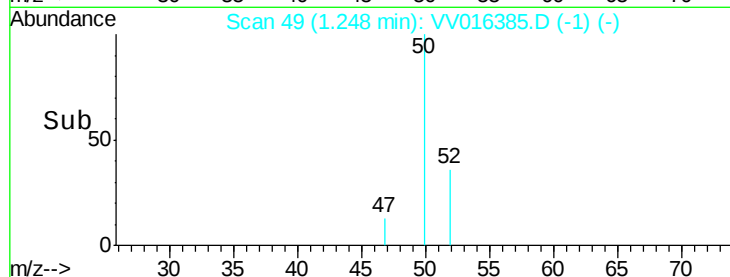
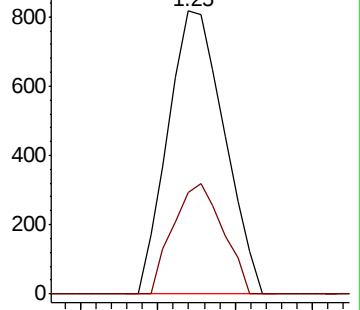
50 100

52 35.7 23.1 42.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.083 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016385.D

Acq: 31 May 2020 13:50

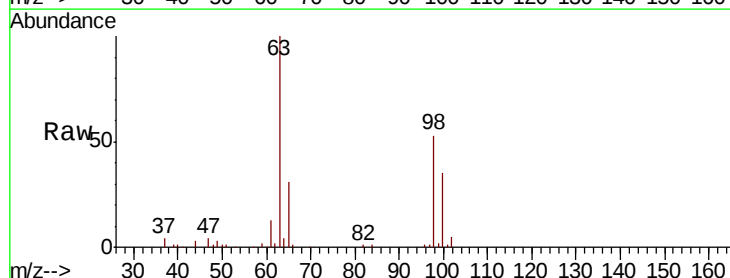
Tgt Ion: 96 Resp: 396

Ion Ratio Lower Upper

96 100

61 1439.1 125.4 233.0#

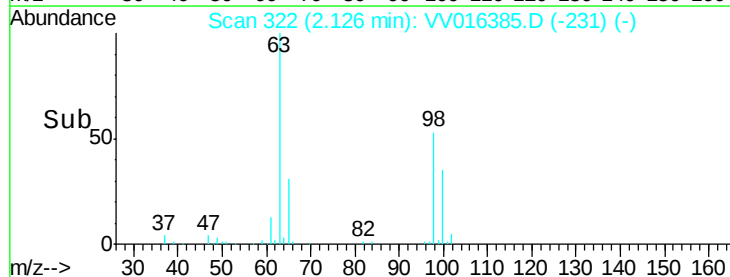
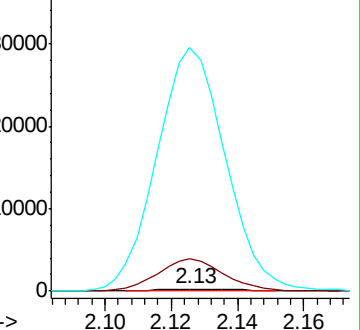
63 10898.9 88.2 163.8#

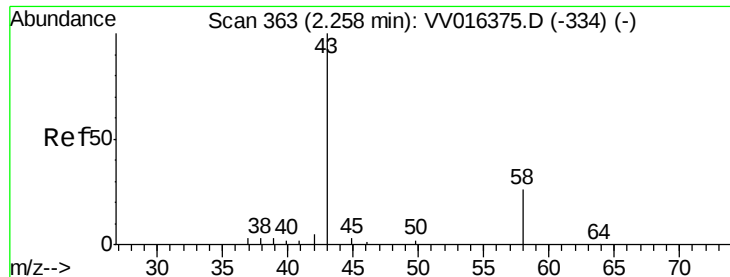


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 14.310 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.04 min

Lab File: VV016385.D

Acq: 31 May 2020 13:50

Instrument :

MSVOA_V

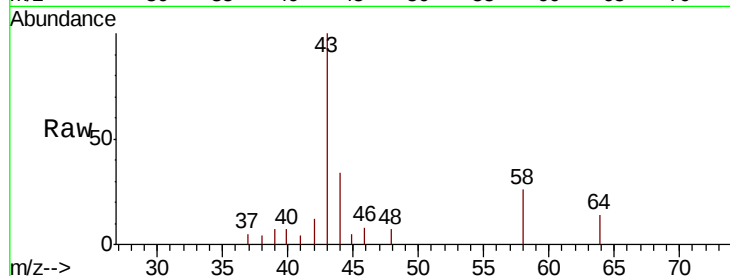
ClientSampleId :

Tot Ion: 43 Resp: 13427

Ion Ratio Lower Upper

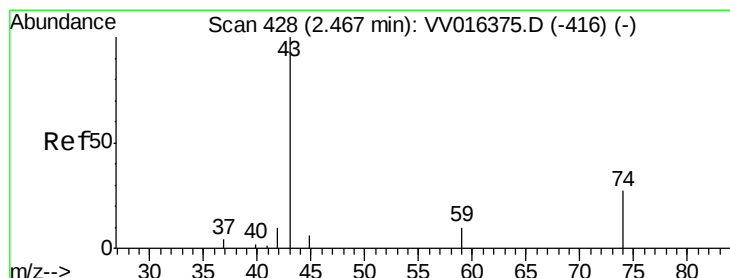
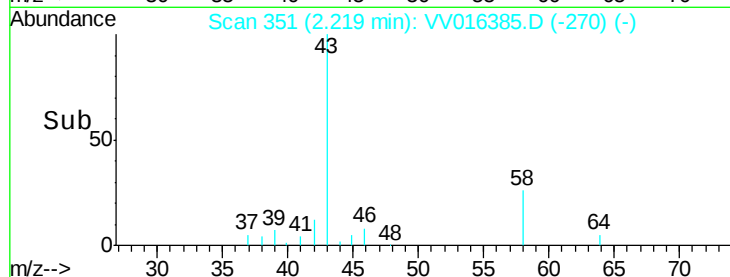
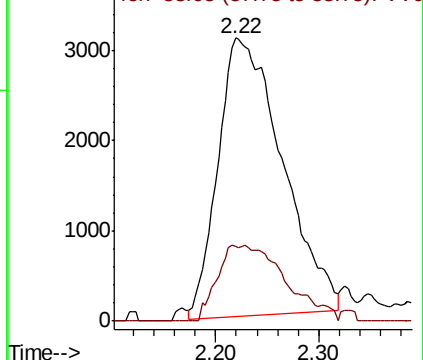
43 100

58 9.4 0.0 59.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#15

Methyl Acetate

Concen: 5.523 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.25 min

Lab File: VV016385.D

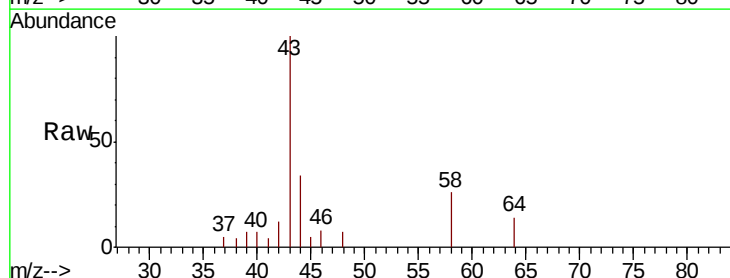
Acq: 31 May 2020 13:50

Tgt Ion: 43 Resp: 13005

Ion Ratio Lower Upper

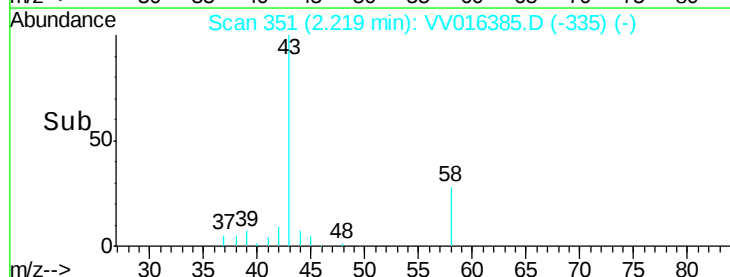
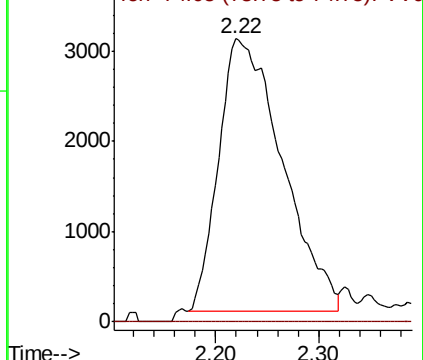
43 100

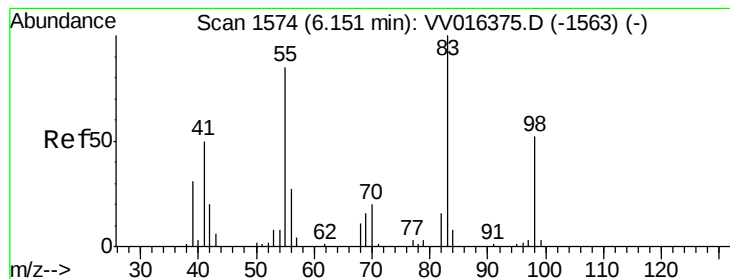
74 0.0 18.6 28.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#35

Methvlcvclohexane

Concen: 0.831 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016385.D

Acq: 31 May 2020 13:50

Instrument :

MSVOA_V

ClientSampleId :

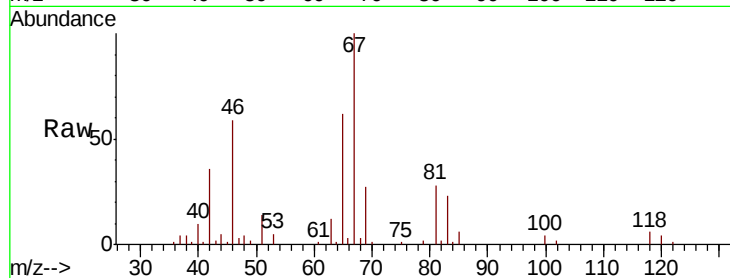
Tot Ion: 83 Resp: 7518

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

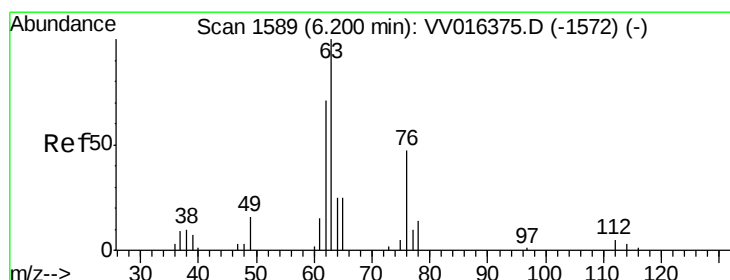
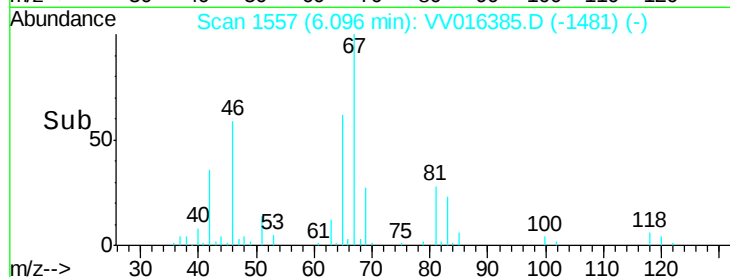
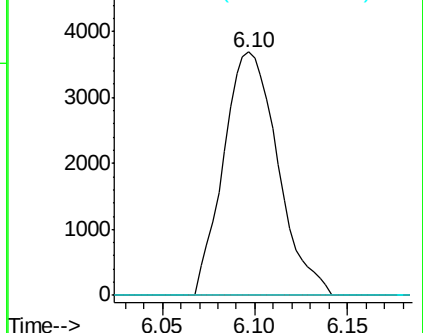
98 0.0 39.0 58.4#



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: 0.723 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016385.D

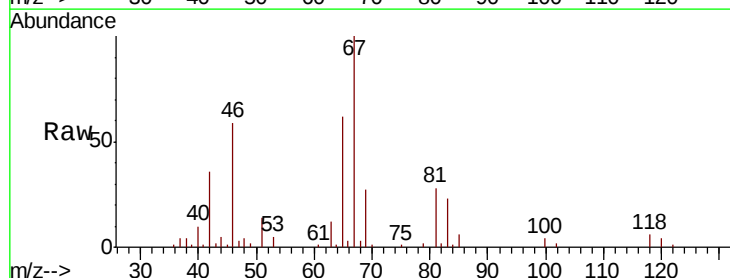
Acq: 31 May 2020 13:50

Tgt Ion: 63 Resp: 3912

Ion Ratio Lower Upper

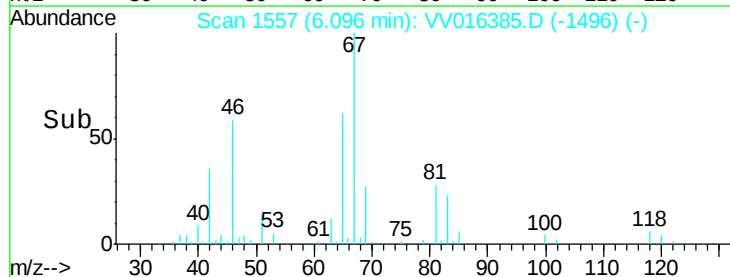
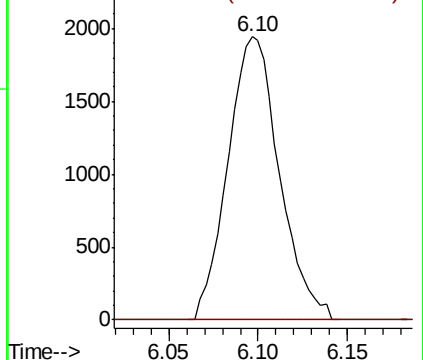
63 100

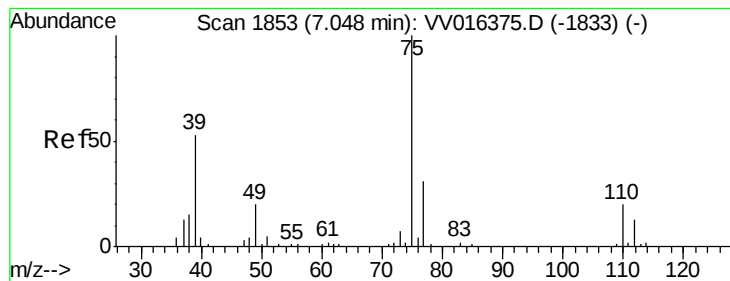
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



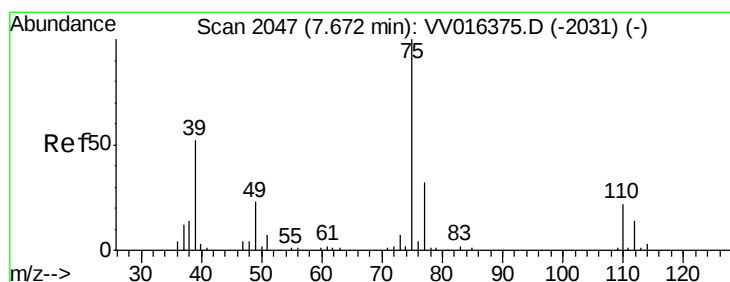
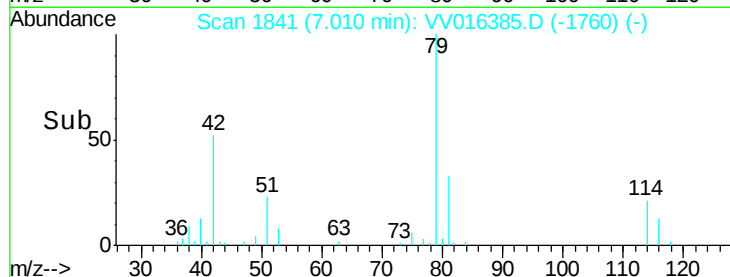
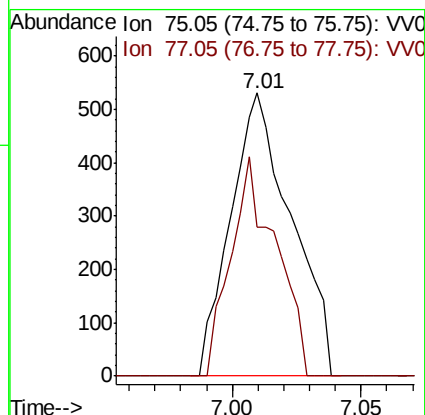
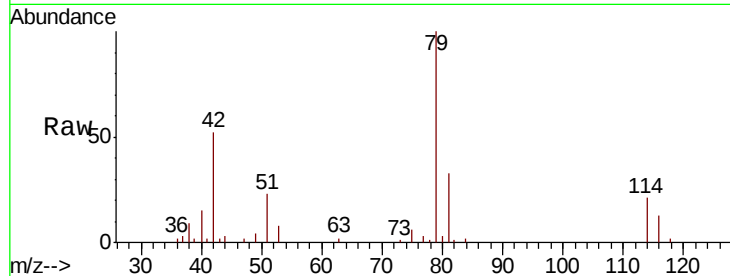


#39

cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV016385.D
Acq: 31 May 2020 13:50

Instrument :
MSVOA_V
ClientSampled :

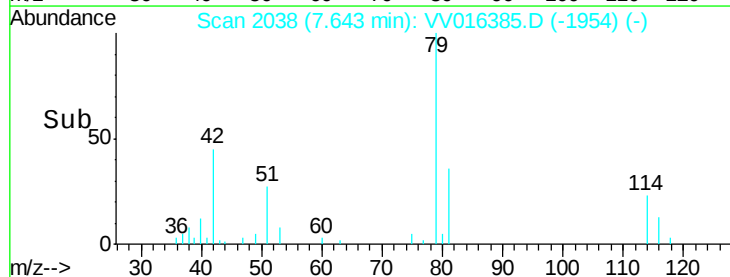
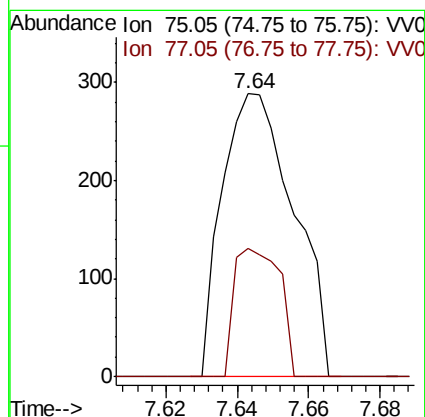
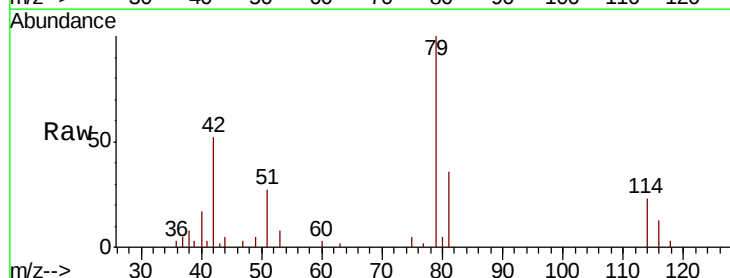
Tot Ion: 75 Resp: 870
Ion Ratio Lower Upper
75 100
77 52.7 22.0 41.0#

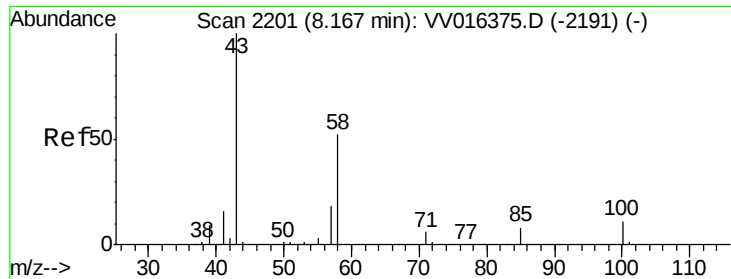


#46

trans-1,3-Dichloropropene
Concen: 0.068 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV016385.D
Acq: 31 May 2020 13:50

Tgt Ion: 75 Resp: 399
Ion Ratio Lower Upper
75 100
77 45.5 21.1 39.3#

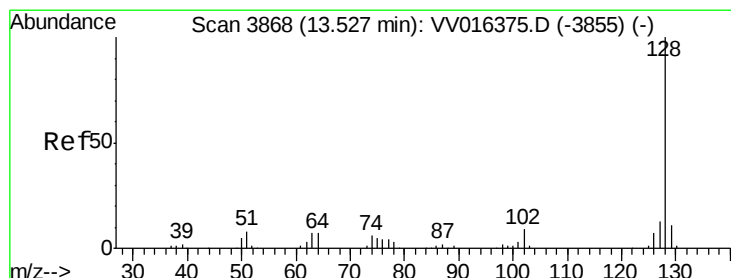
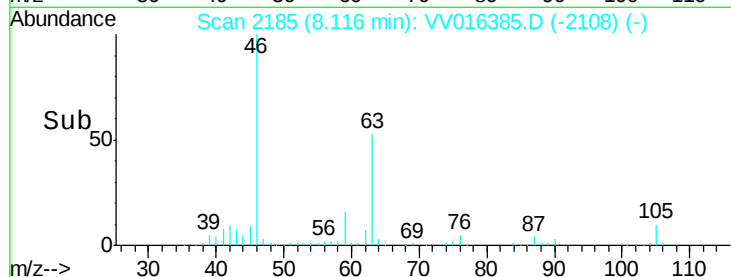
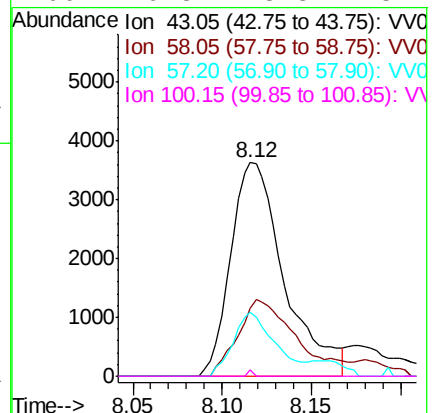
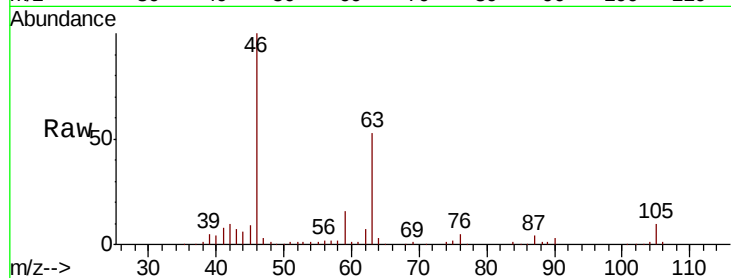




#50
2-Hexanone
Concen: 3.330 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016385.D
Acq: 31 May 2020 13:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7594
Ion Ratio Lower Upper
43 100
58 39.4 41.1 61.7#
57 23.2 14.2 21.4#
100 0.3 8.8 13.2#



#70
Naphthalene
Concen: 0.358 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016385.D
Acq: 31 May 2020 13:50

Tgt Ion: 128 Resp: 5082
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 13.0 10.7 16.1

