

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016387.D
 Acq On : 31 May 2020 14:38
 Operator : SY/MD
 Sample : L2780-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:19:19 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	72078	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	71359	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	30500	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30490	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	23593	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.13	63	42164	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	3.94	46	70477	51.76	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.52%
24) Chloroform-d	4.38	84	51578	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.06	65	28405	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.08	84	103900	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.10	67	31562	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	88442	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	7.65	79	9828	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
48) 2-Hexanone-d5	8.12	63	50312	47.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	21642	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	30344	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

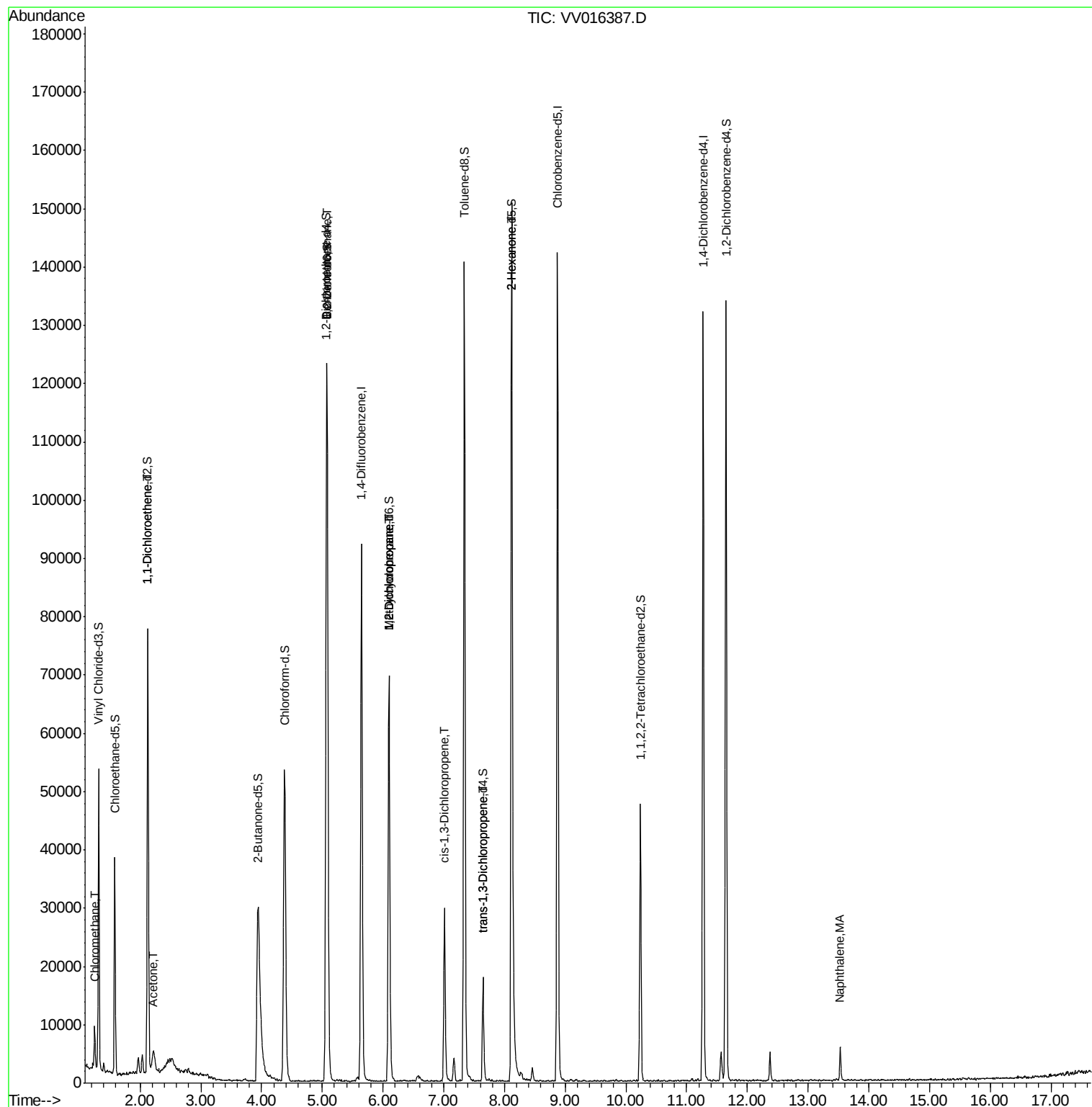
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	3977	0.553	ug/L	99
12) 1,1-Dichloroethene	2.13	96	366	0.079	ug/L #	1
13) Acetone	2.21	43	7935	8.664	ug/L	94
27) 1,2-Dichloroethane	5.08	62	644	0.100	ug/L #	76
35) Methylcyclohexane	6.10	83	7872	0.882	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	3827	0.716	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	745	0.106	ug/L #	36
46) trans-1,3-Dichloropropene	7.64	75	468	0.080	ug/L #	59
50) 2-Hexanone	8.12	43	7388	3.283	ug/L #	85
70) Naphthalene	13.53	128	4311	0.310	ug/L	97

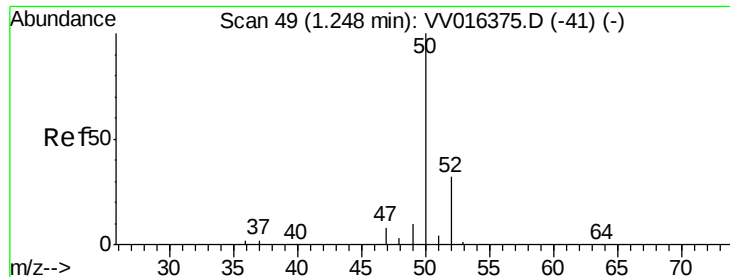
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV053120\
Data File : VV016387.D
Acq On : 31 May 2020 14:38
Operator : SY/MD
Sample : L2780-18
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jun 01 07:19:19 2020
Quant Method : Z:\V0ASRV\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





#3

Chloromethane

Concen: 0.553 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016387.D

Acq: 31 May 2020 14:38

Instrument :

MSVOA_V

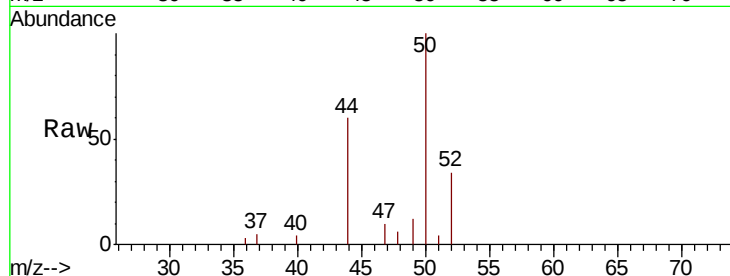
ClientSampleId :

Tot Ion: 50 Resp: 3977

Ion Ratio Lower Upper

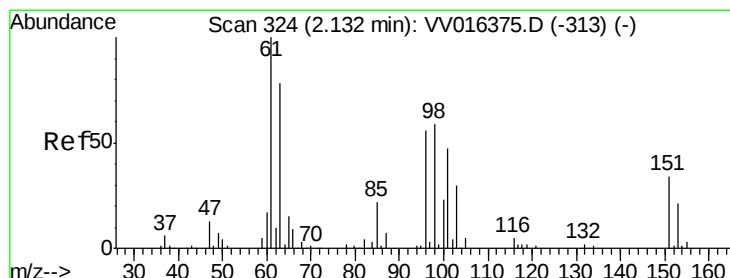
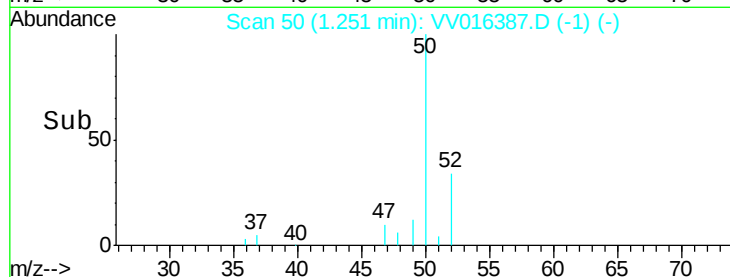
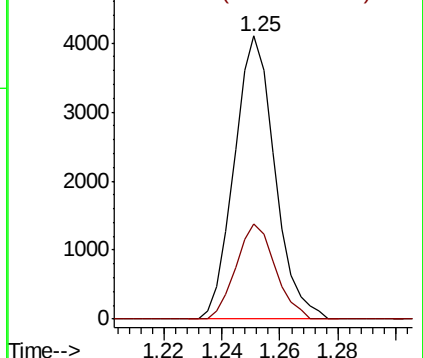
50 100

52 33.7 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: 0.079 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016387.D

Acq: 31 May 2020 14:38

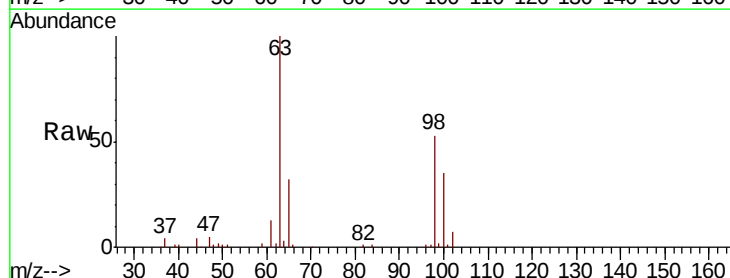
Tgt Ion: 96 Resp: 366

Ion Ratio Lower Upper

96 100

61 1230.0 125.4 233.0#

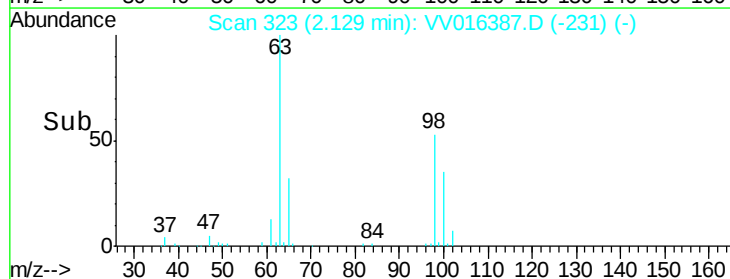
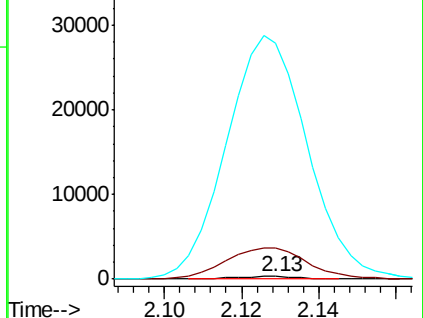
63 9384.5 88.2 163.8#

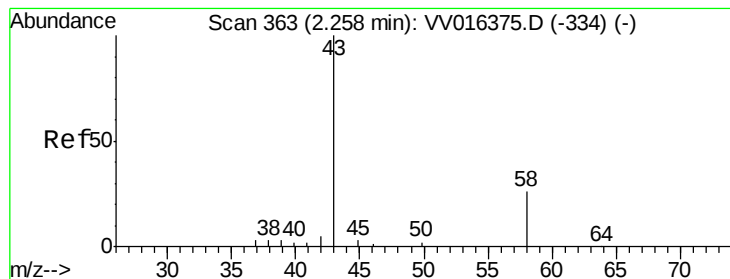


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 8.664 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.05 min

Lab File: VV016387.D

Acq: 31 May 2020 14:38

Instrument :

MSVOA_V

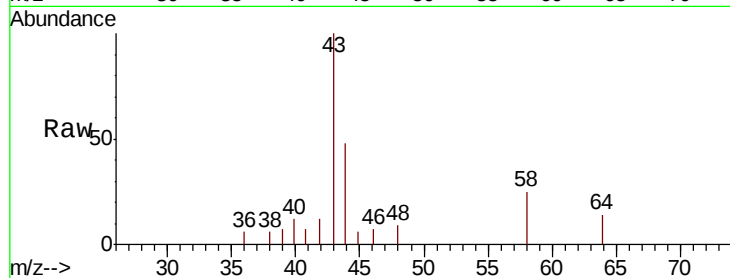
ClientSampleId :

Tot Ion: 43 Resp: 7935

Ion Ratio Lower Upper

43 100

58 26.3 0.0 59.2



Abundance Ion 43.05 (42.75 to 43.75): VV016387.D (-270) (-)

Ion 58.05 (57.75 to 58.75): VV016387.D (-270) (-)

2500

2000

1500

1000

500

0

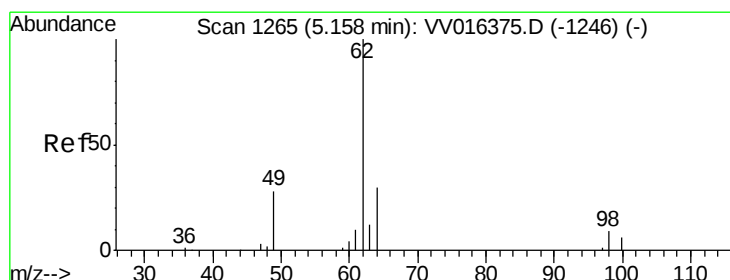
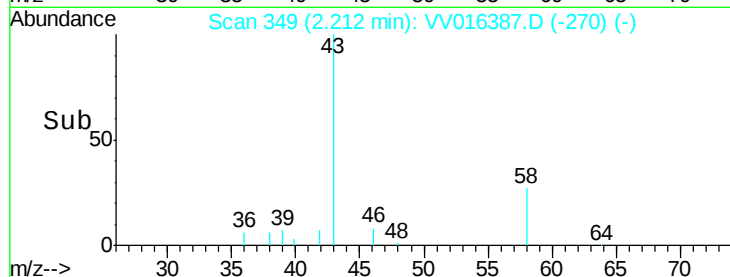
Time-->

2.10 2.20 2.30

2.21

2.25

2.30



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.08 min Scan# 1242

Delta R.T. -0.07 min

Lab File: VV016387.D

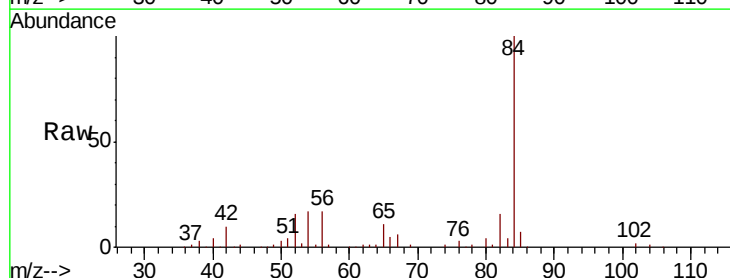
Acq: 31 May 2020 14:38

Tgt Ion: 62 Resp: 644

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VV016387.D (-1172) (-)

Ion 98.05 (97.75 to 98.75): VV016387.D (-1172) (-)

300

200

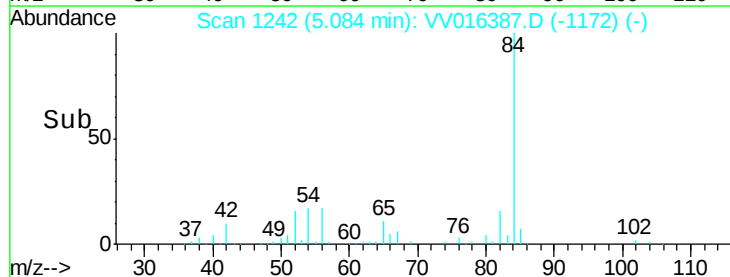
100

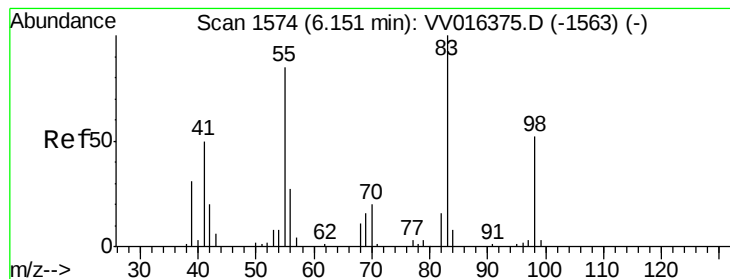
0

Time-->

5.05 5.10

5.08





#35

Methvlcvclohexane

Concen: 0.882 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.05 min

Lab File: VV016387.D

Acq: 31 May 2020 14:38

Instrument :

MSVOA_V

ClientSampled :

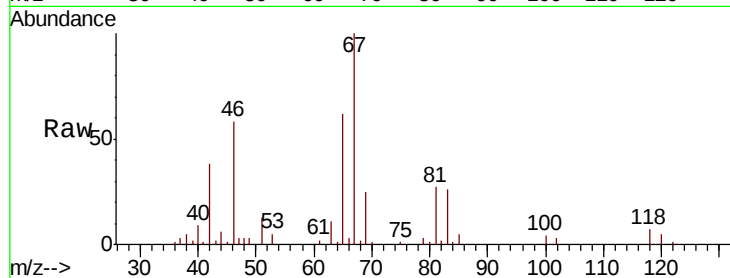
Tot Ion: 83 Resp: 7872

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

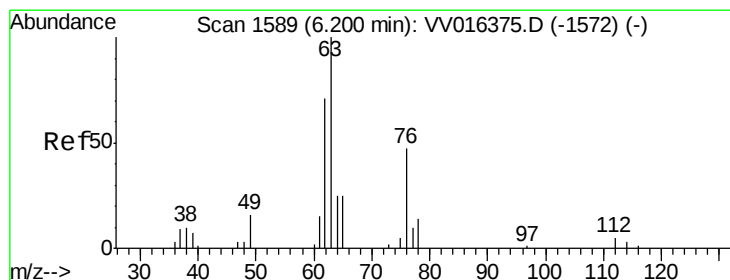
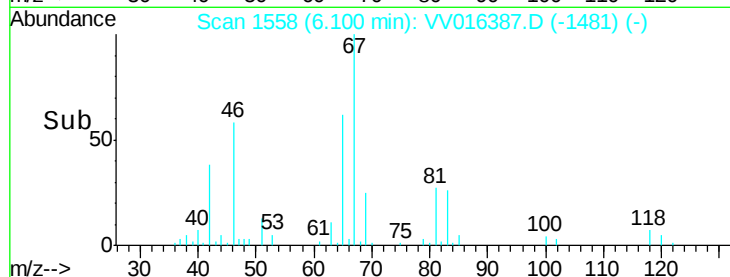
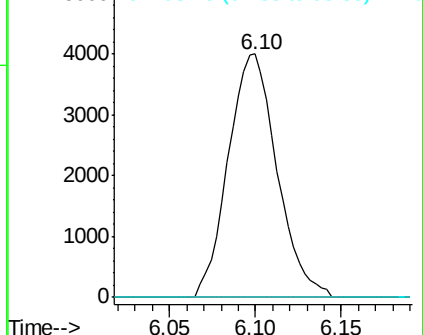
98 0.0 39.0 58.4#



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: 0.716 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016387.D

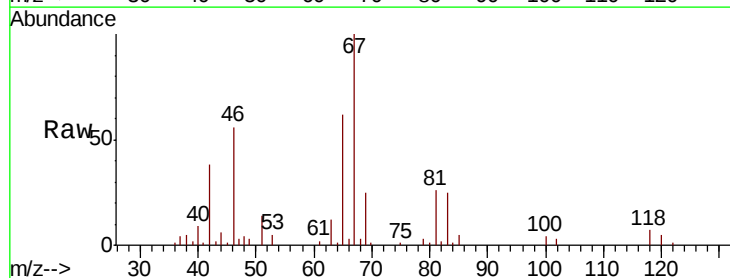
Acq: 31 May 2020 14:38

Tgt Ion: 63 Resp: 3827

Ion Ratio Lower Upper

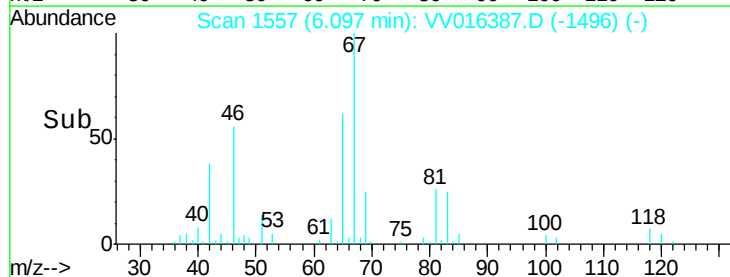
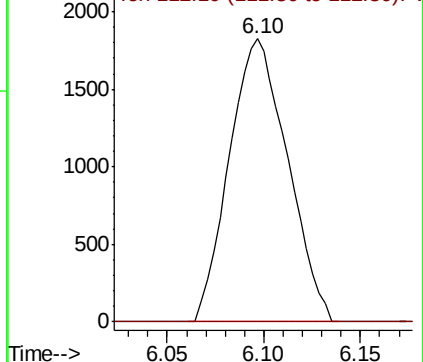
63 100

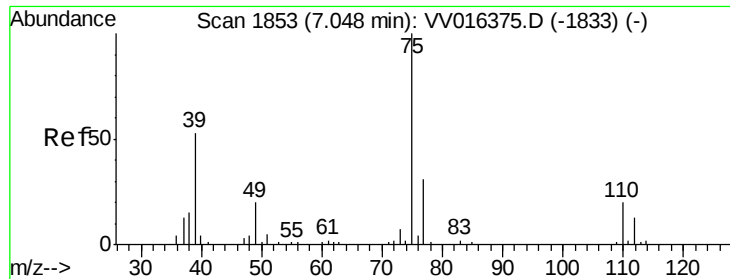
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

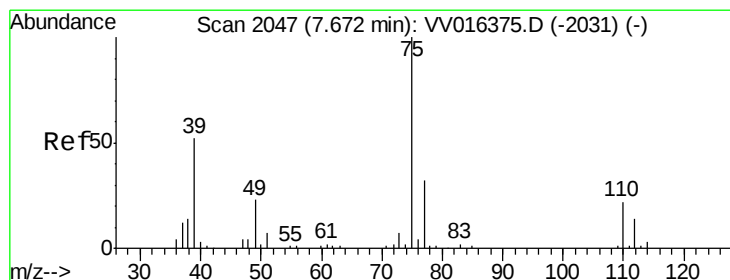
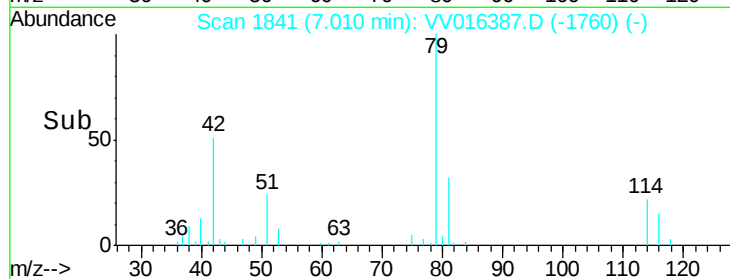
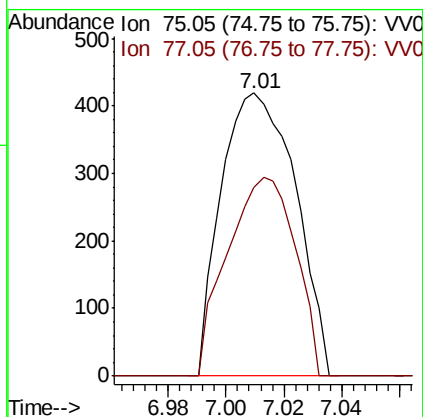
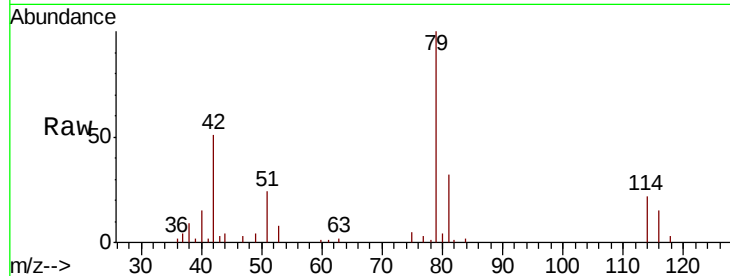




#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016387.D
 Acq: 31 May 2020 14:38

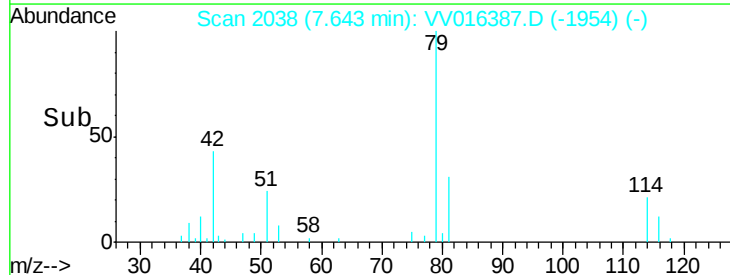
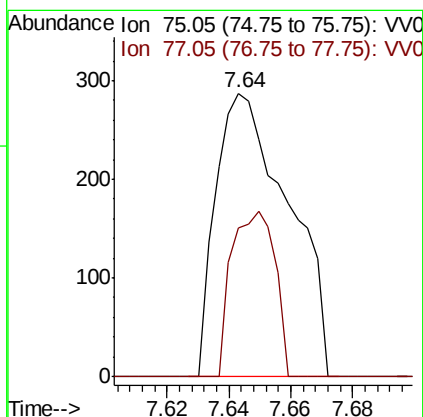
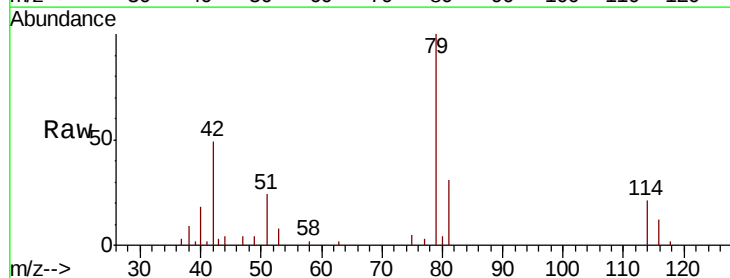
Instrument :
 MSVOA_V
 ClientSampleId :

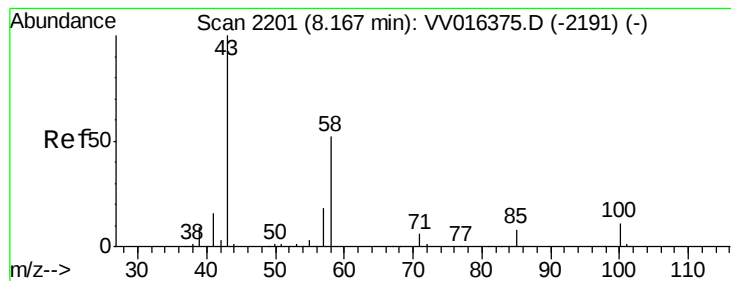
Tot Ion: 75 Resp: 745
 Ion Ratio Lower Upper
 75 100
 77 66.8 22.0 41.0#



#46
 trans-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016387.D
 Acq: 31 May 2020 14:38

Tgt Ion: 75 Resp: 468
 Ion Ratio Lower Upper
 75 100
 77 52.6 21.1 39.3#





#50

2-Hexanone

Concen: 3.283 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV016387.D

Acq: 31 May 2020 14:38

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7388

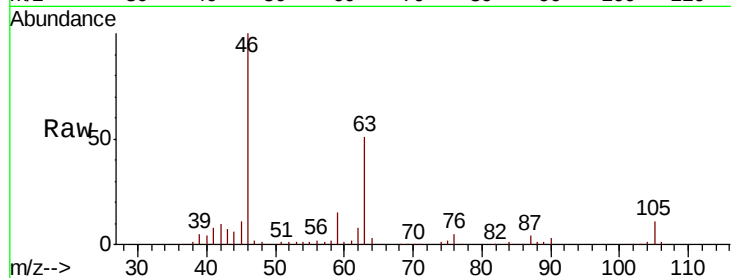
Ion Ratio Lower Upper

43 100

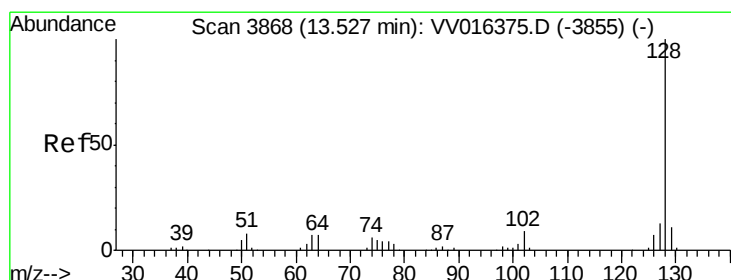
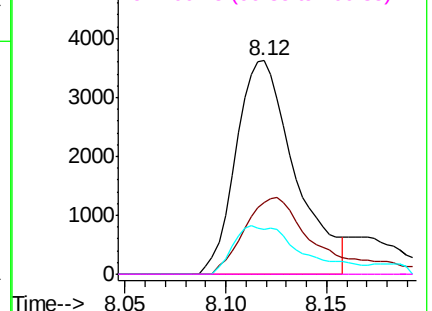
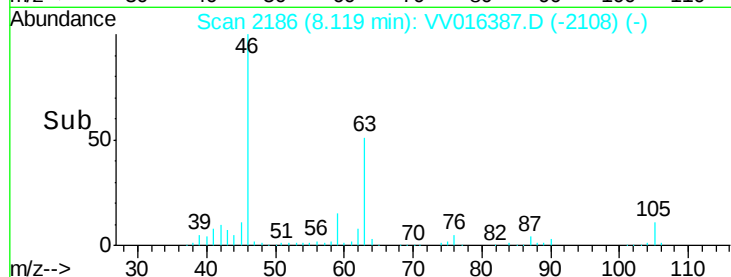
58 44.1 41.1 61.7

57 26.9 14.2 21.4#

100 0.0 8.8 13.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0



#70

Naphthalene

Concen: 0.310 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016387.D

Acq: 31 May 2020 14:38

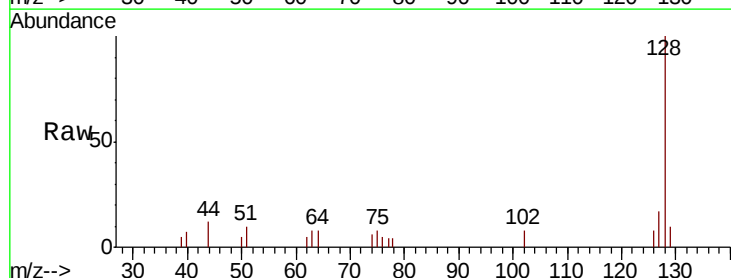
Tgt Ion: 128 Resp: 4311

Ion Ratio Lower Upper

128 100

129 9.8 8.6 12.8

127 12.2 10.7 16.1



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

