

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016177.D
 Acq On : 22 May 2020 17:47
 Operator : SY/MD
 Sample : L2751-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:11:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134226	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	129386	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	61233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	42285	5.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.20%
7) Chloroethane-d5	1.58	69	37369	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.13	63	66912	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.93	46	80337	38.68	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.36%
24) Chloroform-d	4.38	84	77289	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.06	65	41375	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
32) Benzene-d6	5.08	84	159470	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.10	67	47786	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.34	98	145935	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	7.65	79	15799	4.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.60%
48) 2-Hexanone-d5	8.12	63	64946	40.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.16%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29825	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	50772	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

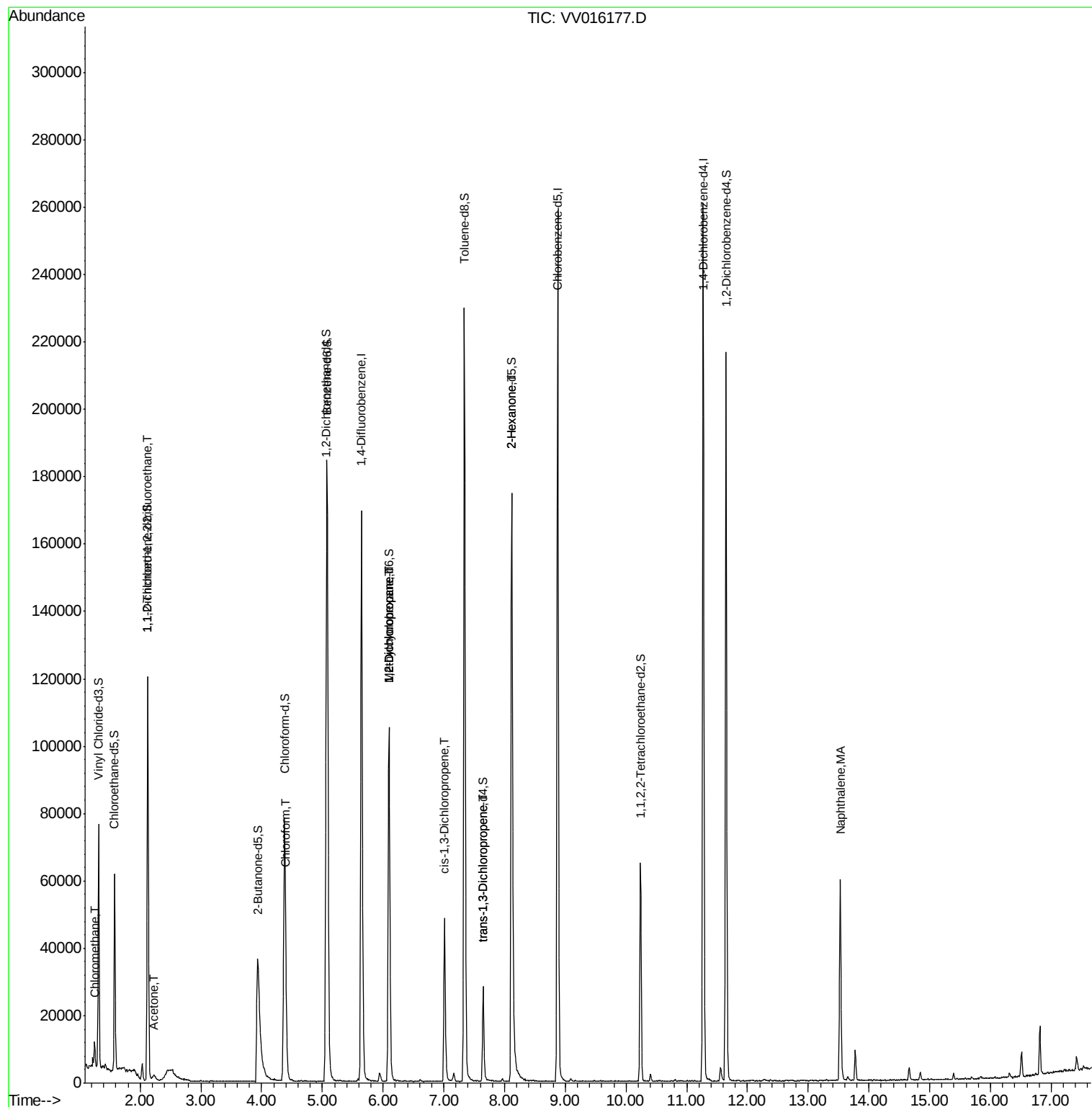
					Ovalue
3) Chloromethane	1.25	50	4144	0.398 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	597	0.077 ug/L #	20
13) Acetone	2.23	43	3182	2.322 ug/L	71
25) Chloroform	4.41	83	2990	0.173 ug/L	95
35) Methylcyclohexane	6.10	83	11436	0.814 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5698	0.689 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1270	0.109 ug/L #	47
46) trans-1,3-Dichloropropene	7.64	75	662	0.067 ug/L	99
50) 2-Hexanone	8.12	43	9569	2.625 ug/L #	78
70) Naphthalene	13.53	128	48356	2.934 ug/L	100

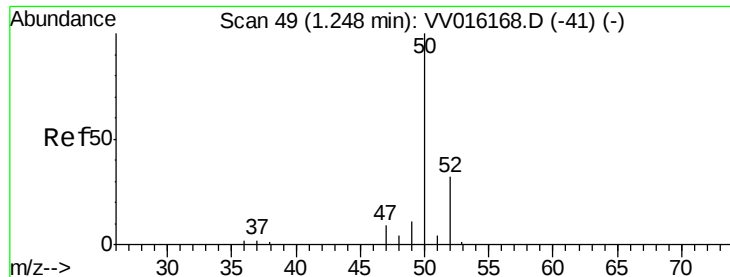
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
Data File : VV016177.D
Acq On : 22 May 2020 17:47
Operator : SY/MD
Sample : L2751-02
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 23 05:11:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.398 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016177.D

Acq: 22 May 2020 17:47

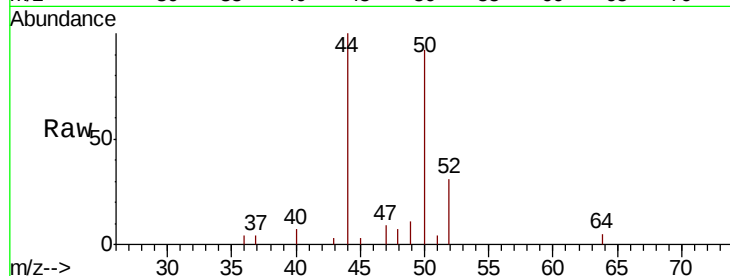
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 4144

Ion Ratio Lower Upper

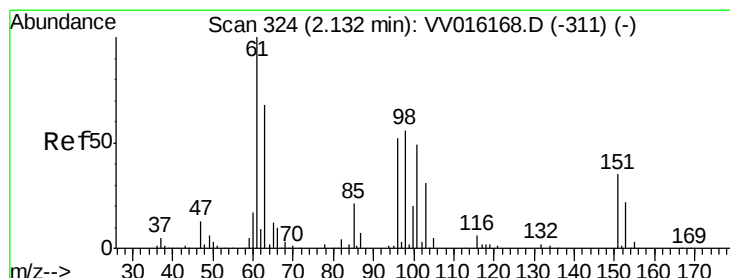
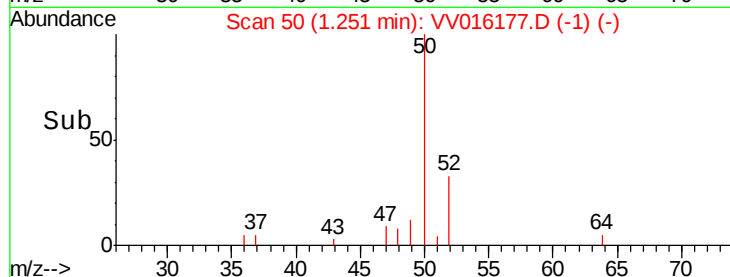
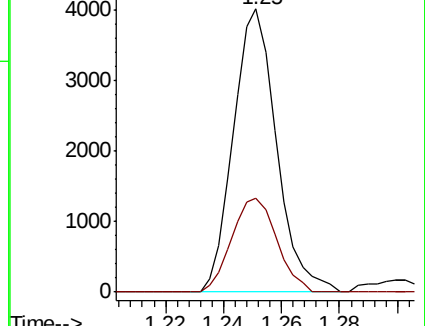
50 100

52 33.2 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV016168.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV016168.D (-41) (-)



#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV016177.D

Acq: 22 May 2020 17:47

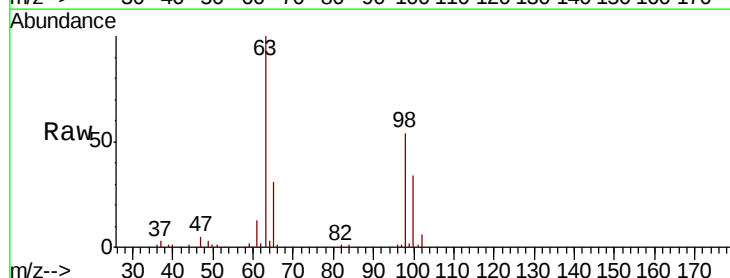
Tgt Ion: 101 Resp: 597

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

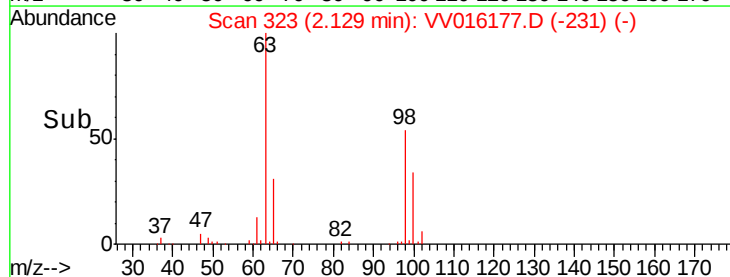
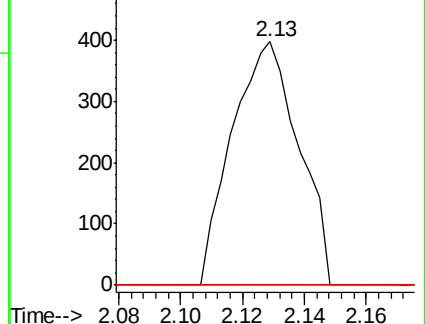
151 0.0 58.0 87.0#

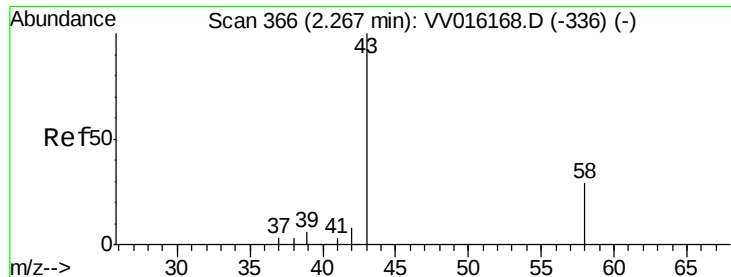


Abundance Ion 101.00 (100.70 to 101.70): VV016177.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV016177.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV016177.D (-231) (-)





#13

Acetone

Concen: 2.322 ug/L

RT: 2.23 min Scan# 353

Delta R.T. -0.04 min

Lab File: VV016177.D

Acq: 22 May 2020 17:47

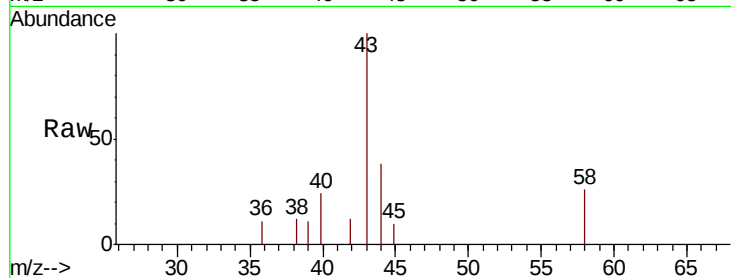
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3182

Ion Ratio Lower Upper

43 100

58 27.5 0.0 30.8



Abundance Ion 43.05 (42.75 to 43.75): VV016168.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV016168.D (-336) (-)

1200

1000

800

600

400

200

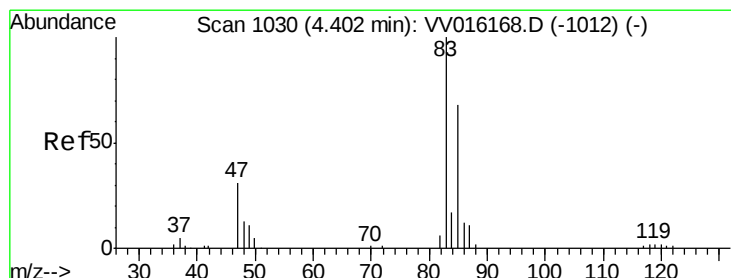
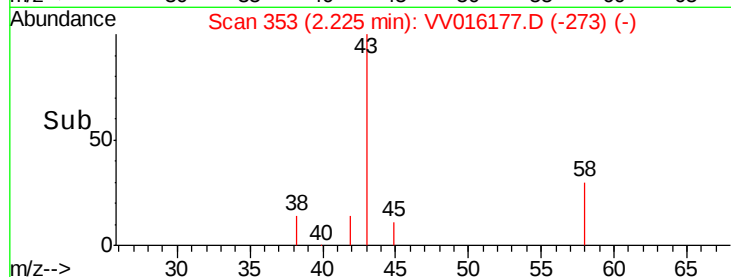
0

2.15

2.20

2.25

Time-->



#25

Chloroform

Concen: 0.173 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV016177.D

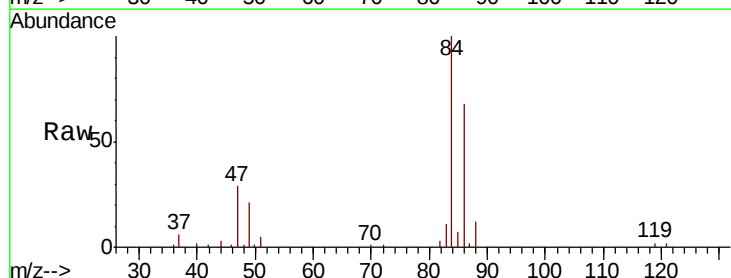
Acq: 22 May 2020 17:47

Tgt Ion: 83 Resp: 2990

Ion Ratio Lower Upper

83 100

85 61.0 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV016168.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV016168.D (-1012) (-)

1200

1000

800

600

400

200

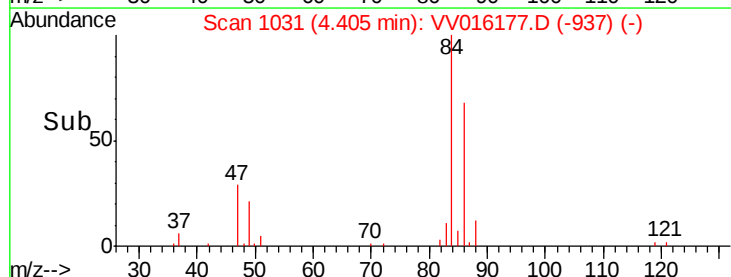
0

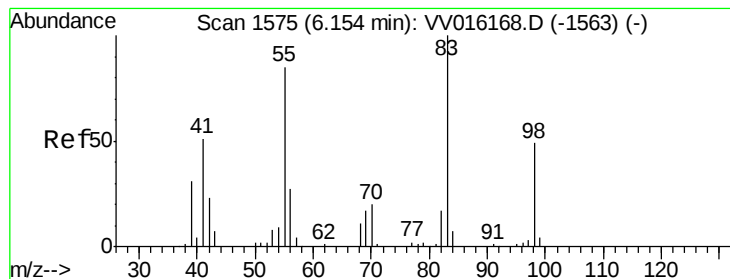
4.35

4.40

4.45

Time-->





#35

Methvlcvclohexane

Concen: 0.814 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.05 min

Lab File: VV016177.D

Acq: 22 May 2020 17:47

Instrument :

MSVOA_V

ClientSampleId :

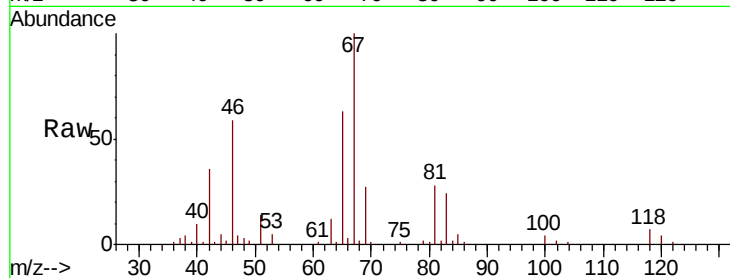
Tot Ion: 83 Resp: 11436

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.2#

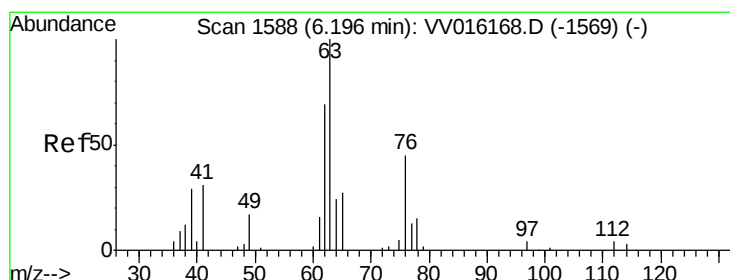
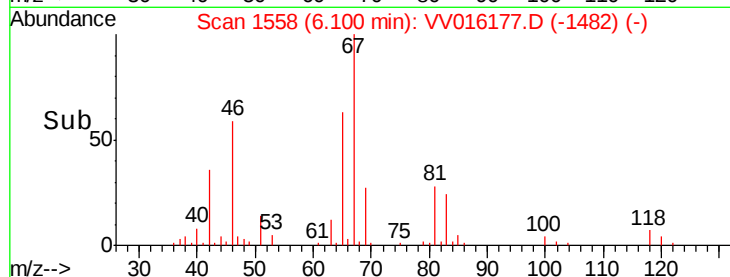
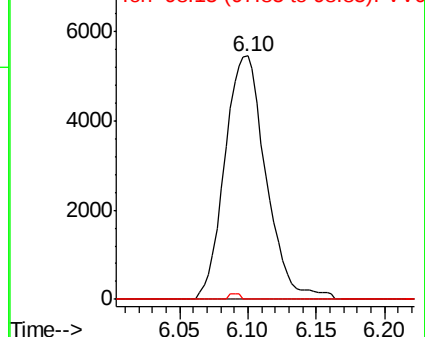
98 0.6 37.9 56.9#



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: 0.689 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016177.D

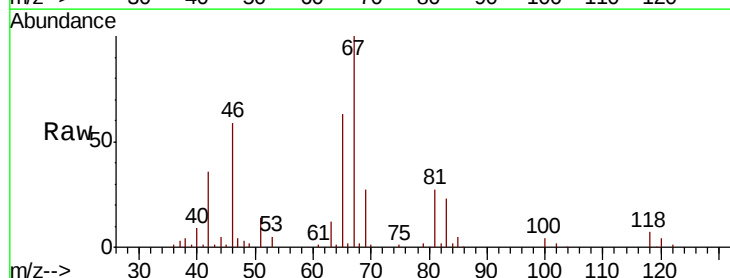
Acq: 22 May 2020 17:47

Tgt Ion: 63 Resp: 5698

Ion Ratio Lower Upper

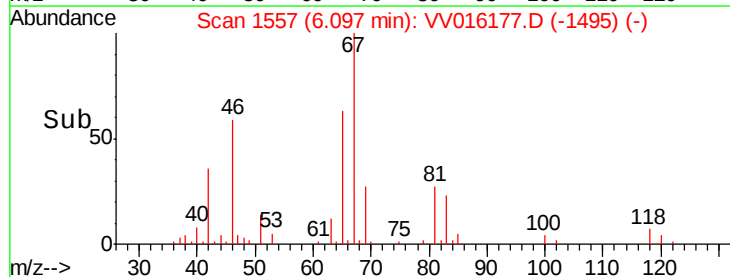
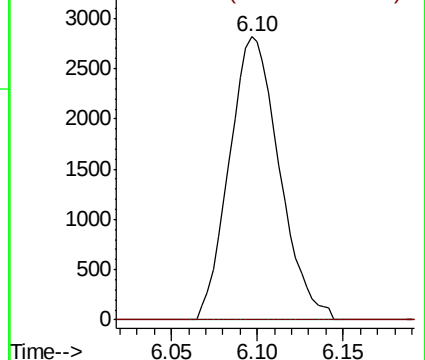
63 100

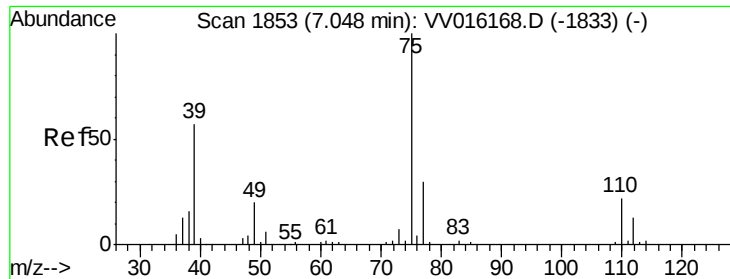
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

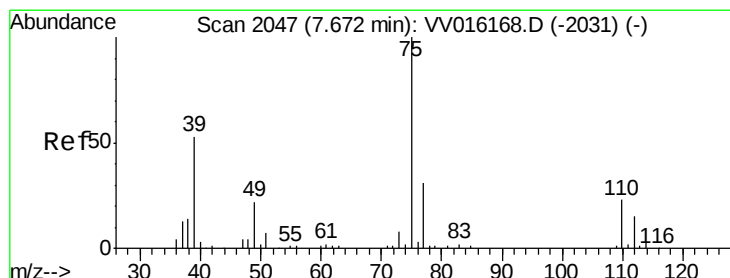
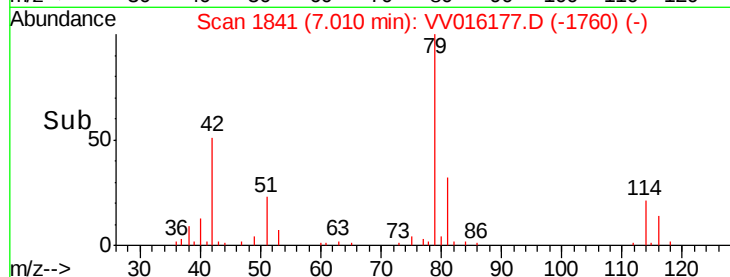
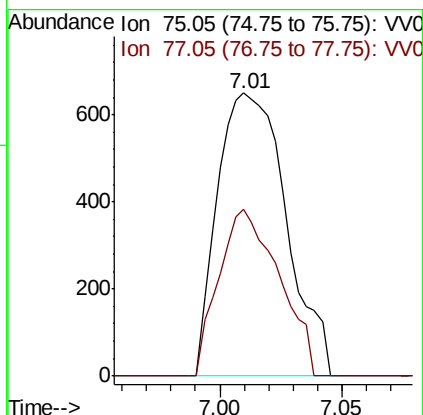
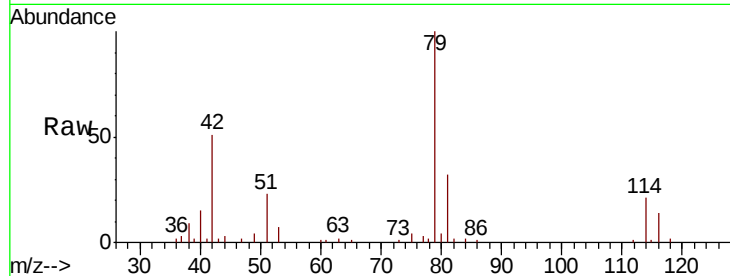




#39
 cis-1,3-Dichloropropene
 Concen: 0.109 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016177.D
 Acq: 22 May 2020 17:47

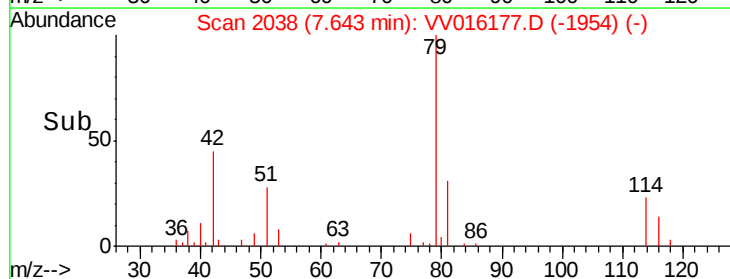
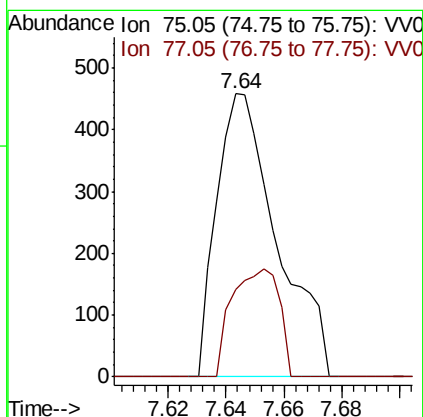
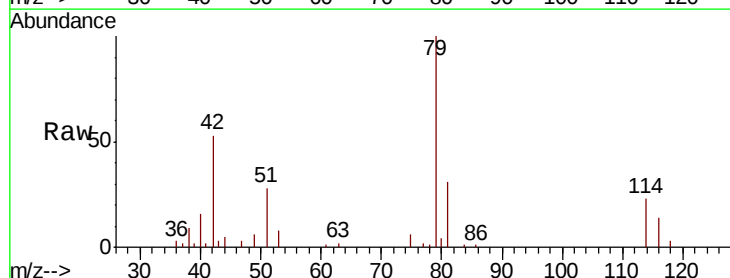
Instrument :
 MSVOA_V
 ClientSampleId :

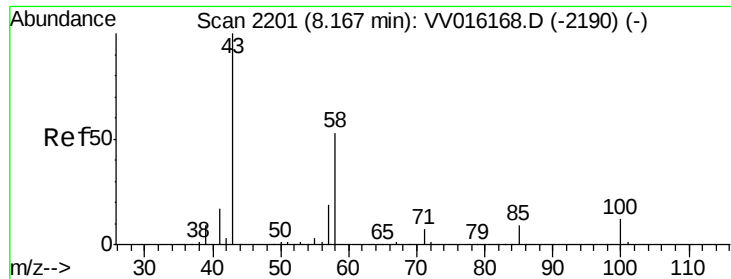
Tot Ion: 75 Resp: 1270
 Ion Ratio Lower Upper
 75 100
 77 59.1 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.067 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV016177.D
 Acq: 22 May 2020 17:47

Tgt Ion: 75 Resp: 662
 Ion Ratio Lower Upper
 75 100
 77 30.8 21.3 39.6

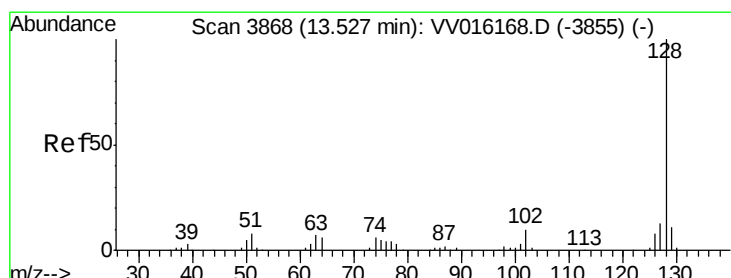
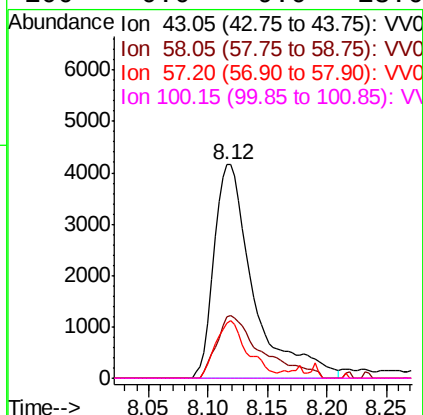
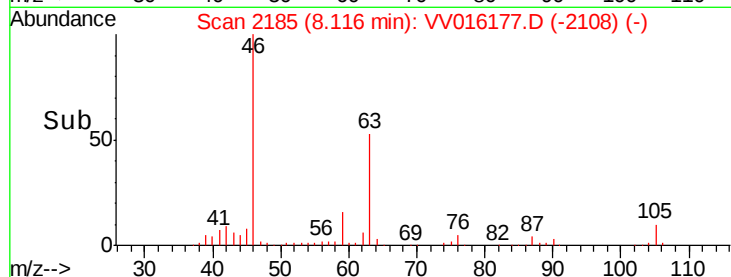
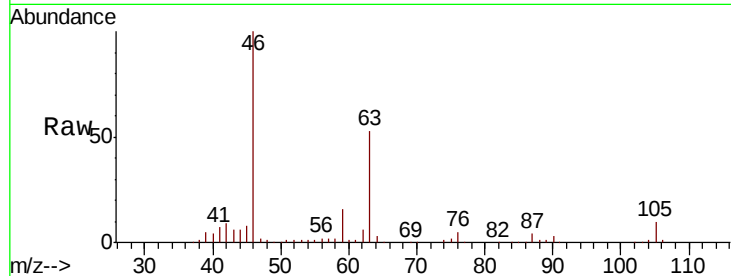




#50
2-Hexanone
Concen: 2.625 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016177.D
Acq: 22 May 2020 17:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 9569
Ion Ratio Lower Upper
43 100
58 33.2 40.8 61.2#
57 21.9 14.7 22.1
100 0.0 9.0 13.6#



#70
Naphthalene
Concen: 2.934 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV016177.D
Acq: 22 May 2020 17:47

Tgt Ion: 128 Resp: 48356
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 12.6 10.2 15.2

