

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042320\
 Data File : VV015657.D
 Acq On : 23 Apr 2020 13:03
 Operator : SY/MD
 Sample : L2393-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 24 03:31:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 24 03:28:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129701	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124513	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30915	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.57	69	30355	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.12	63	48350	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.94	46	105041	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	4.38	84	74148	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	42624	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.07	84	140766	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.09	67	44554	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.34	98	128588	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.64	79	14548	3.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.20%
46) 2-Hexanone-d5	8.11	63	80759	45.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.20%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31113	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	50194	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

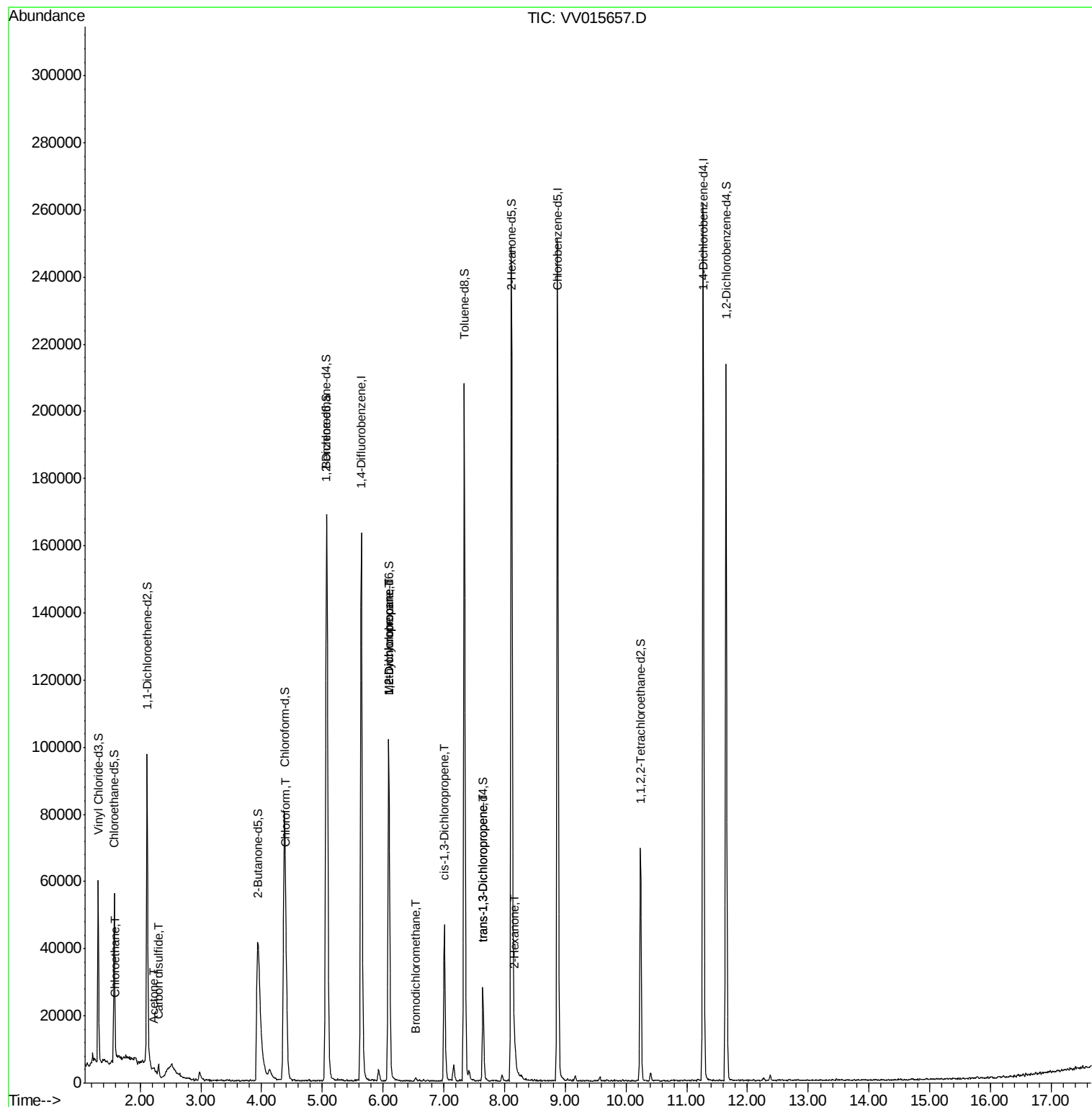
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.60	64	1779	0.264	ug/L #	43
13) Acetone	2.23	43	5450	3.606	ug/L	81
14) Carbon disulfide	2.30	76	3659	0.171	ug/L	96
25) Chloroform	4.41	83	24307	1.380	ug/L	98
35) Methylcyclohexane	6.10	83	11134	0.738	ug/L #	19
37) 1,2-Dichloropropane	6.09	63	5487	0.607	ug/L #	86
38) Bromodichloromethane	6.54	83	721	0.063	ug/L #	82
39) cis-1,3-Dichloropropene	7.01	75	1269	0.101	ug/L #	74
44) trans-1,3-Dichloropropene	7.64	75	817	0.077	ug/L	86
48) 2-Hexanone	8.16	43	4167	0.996	ug/L	98

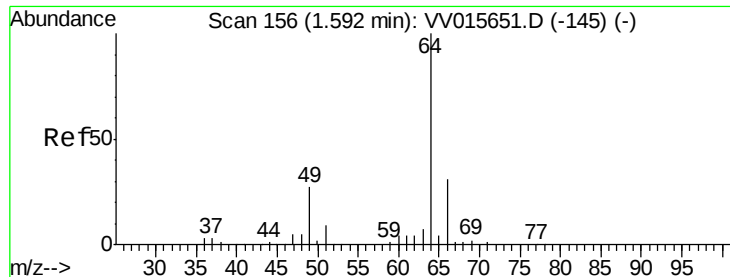
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.264 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.01 min

Lab File: VV015657.D

Acq: 23 Apr 2020 13:03

Instrument :

MSVOA_V

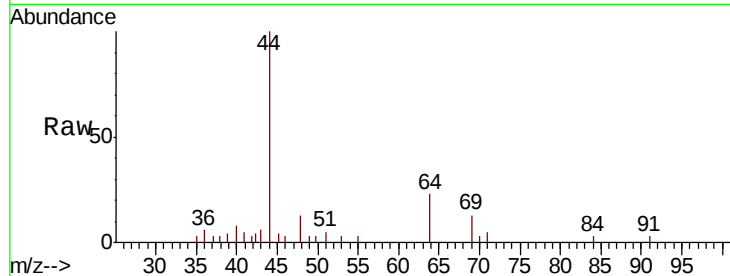
ClientSampleId :

Tot Ion: 64 Resp: 1779

Ion Ratio Lower Upper

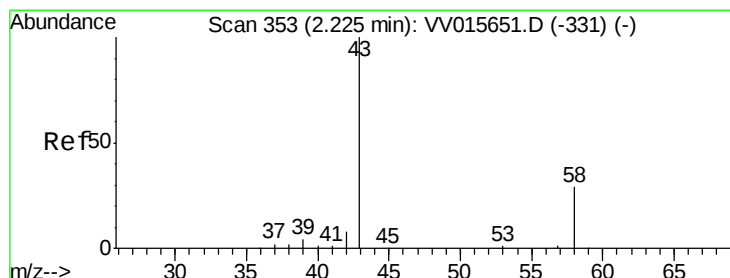
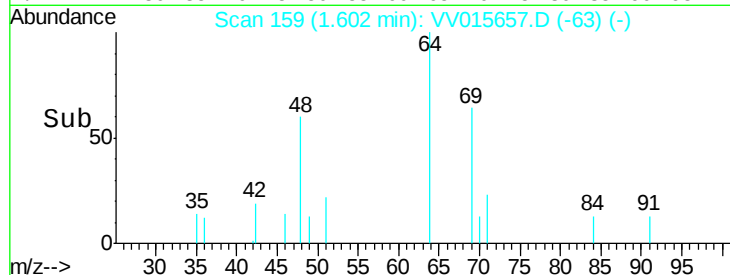
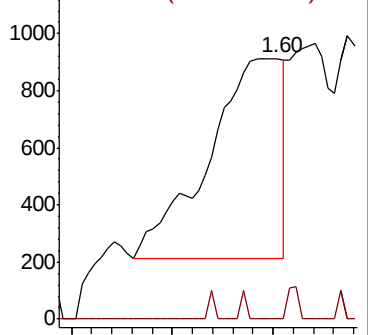
64 100

66 0.0 22.3 41.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 3.606 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: VV015657.D

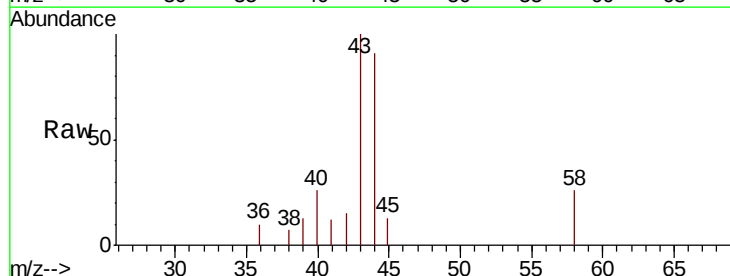
Acq: 23 Apr 2020 13:03

Tgt Ion: 43 Resp: 5450

Ion Ratio Lower Upper

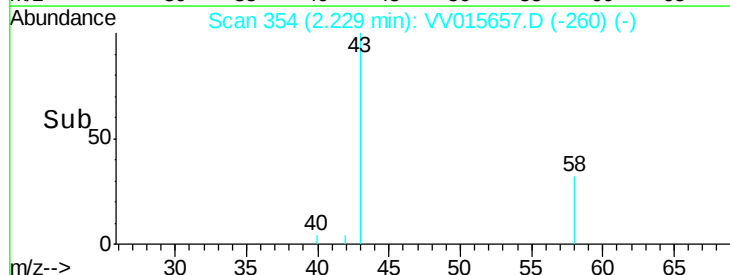
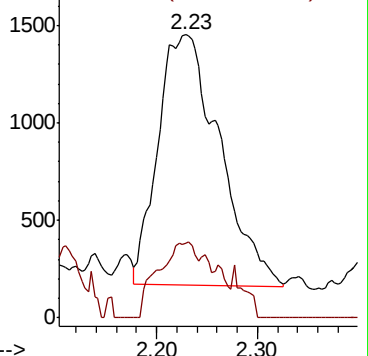
43 100

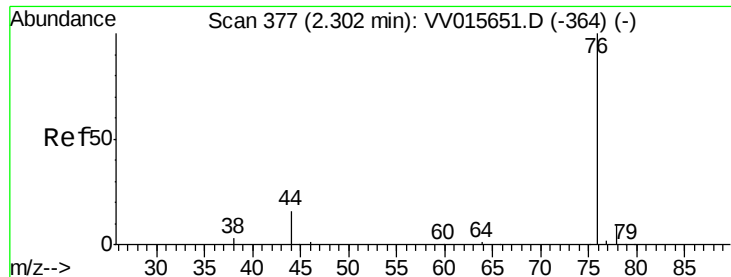
58 18.7 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.171 ug/L

RT: 2.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: VV015657.D

Acq: 23 Apr 2020 13:03

Instrument :

MSVOA_V

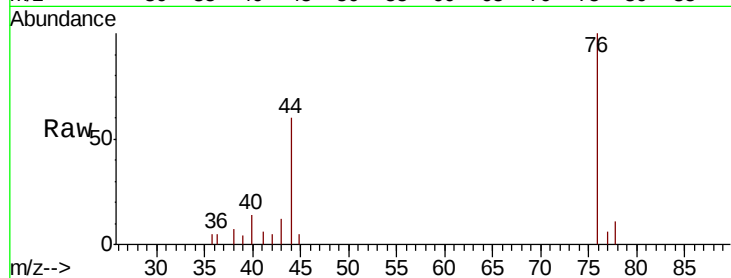
ClientSampled :

Tot Ion: 76 Resp: 3659

Ion Ratio Lower Upper

76 100

78 10.6 7.4 11.0



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2500

2000

1500

1000

500

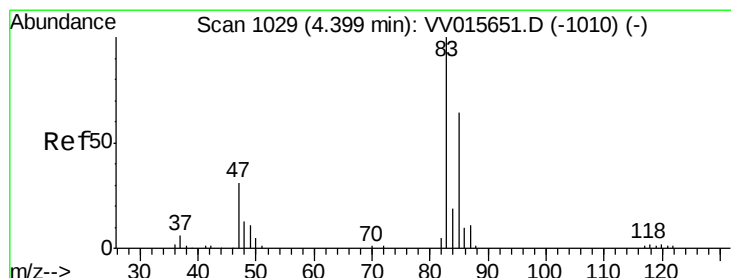
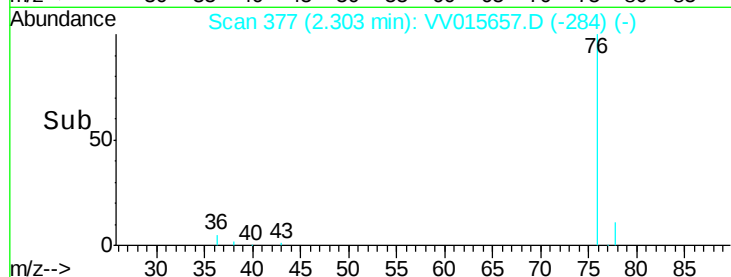
0

Time-->

2.25

2.30

2.35



#25

Chloroform

Concen: 1.380 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015657.D

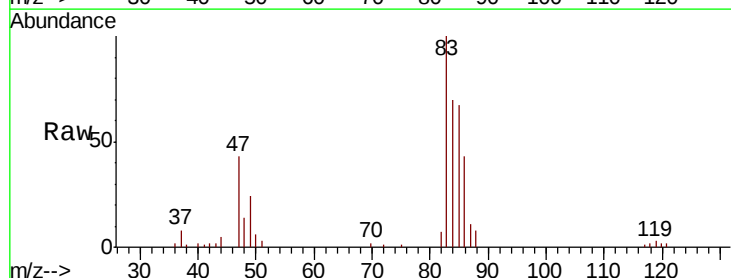
Acq: 23 Apr 2020 13:03

Tgt Ion: 83 Resp: 24307

Ion Ratio Lower Upper

83 100

85 67.5 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

10000

8000

6000

4000

2000

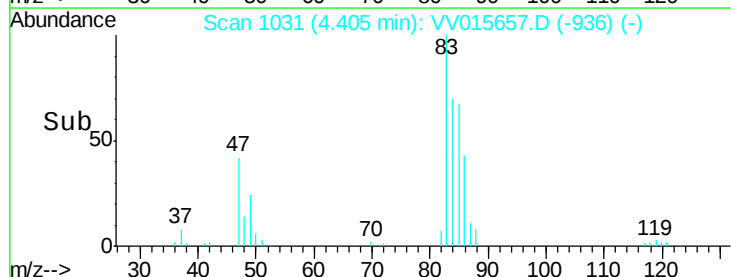
0

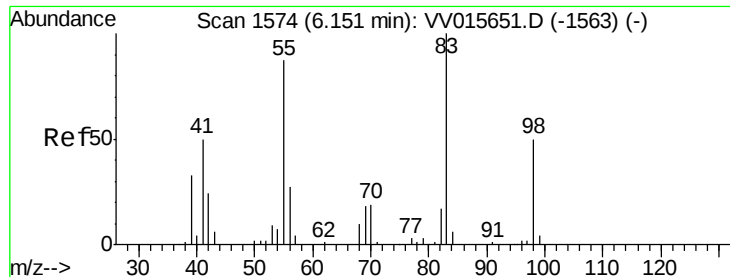
Time-->

4.30

4.40

4.50

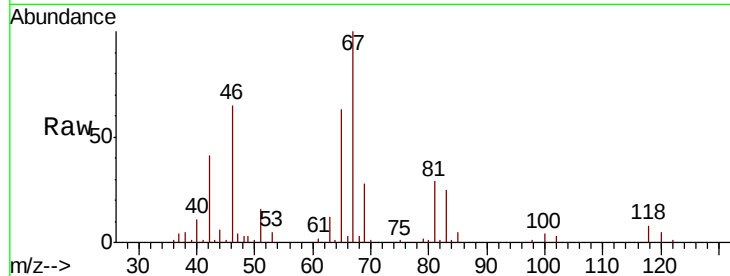




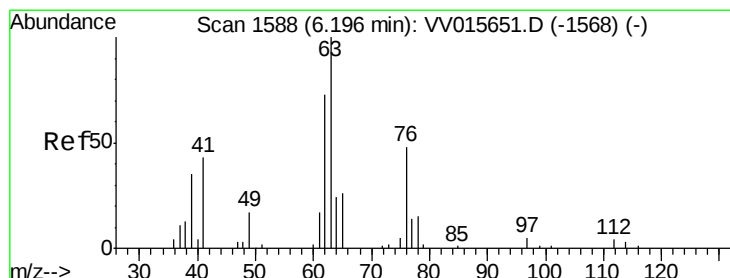
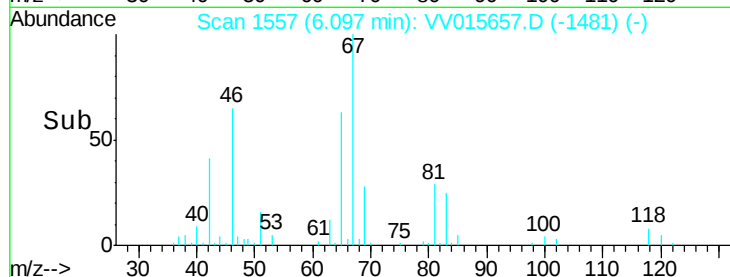
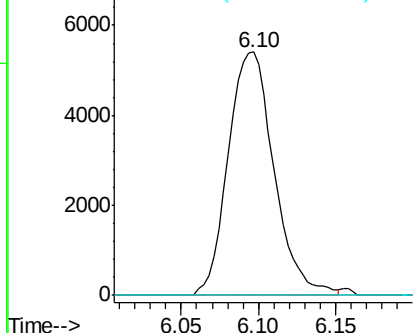
#35
Methvlcvclohexane
Concen: 0.738 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015657.D
Acq: 23 Apr 2020 13:03

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11134
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 6.8 39.5 59.3#

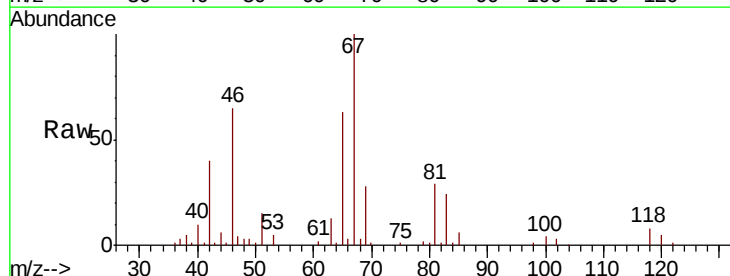


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

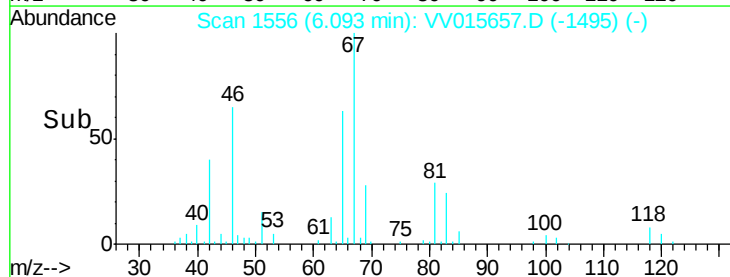
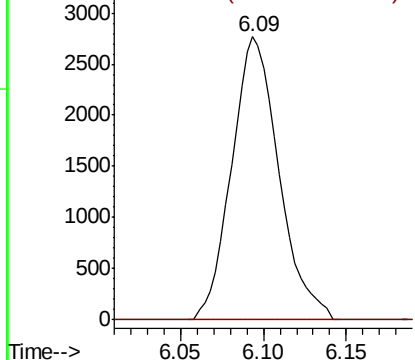


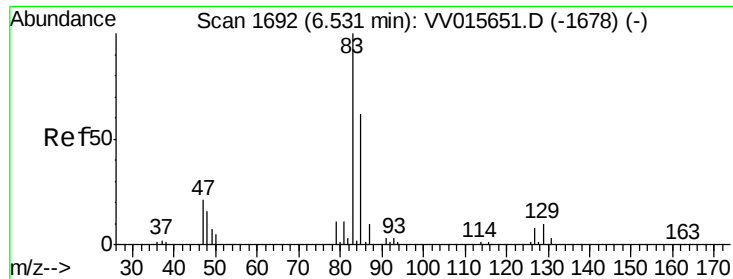
#37
1,2-Dichloropropane
Concen: 0.607 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015657.D
Acq: 23 Apr 2020 13:03

Tgt Ion: 63 Resp: 5487
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.063 ug/L

RT: 6.54 min Scan# 1695

Delta R.T. 0.01 min

Lab File: VV015657.D

Acq: 23 Apr 2020 13:03

Instrument :

MSVOA_V

ClientSampled :

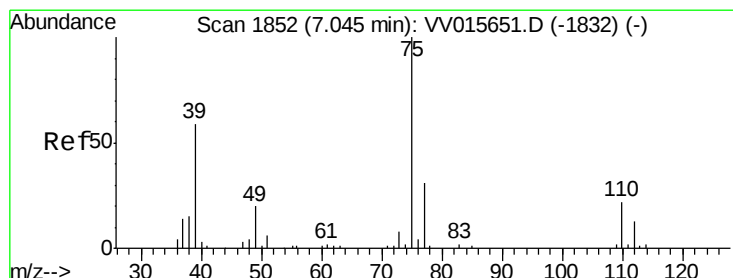
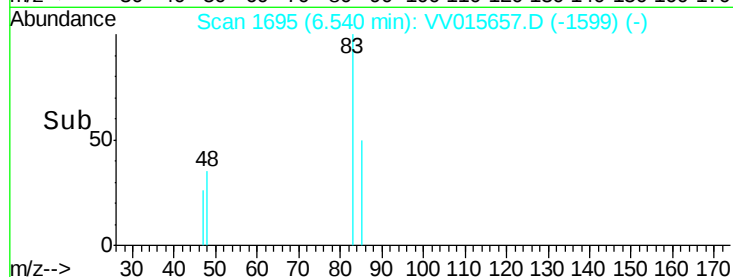
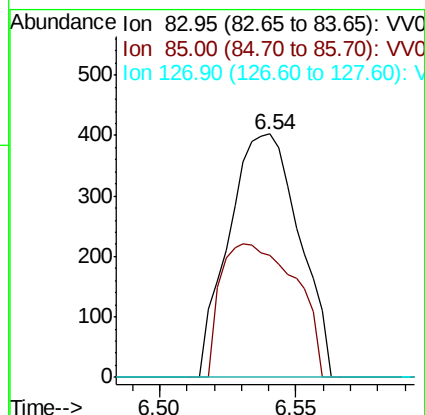
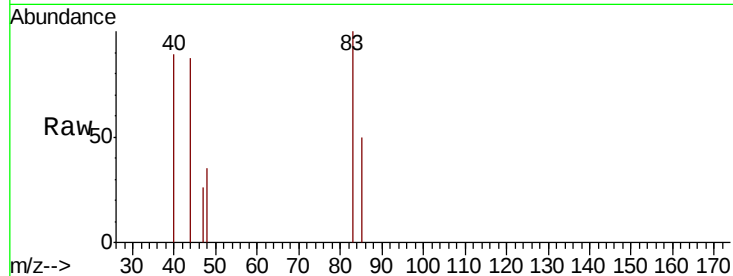
Tot Ion: 83 Resp: 721

Ion Ratio Lower Upper

83 100

85 50.4 44.7 83.1

127 0.0 5.8 8.6#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.01 min Scan# 1841

Delta R.T. -0.04 min

Lab File: VV015657.D

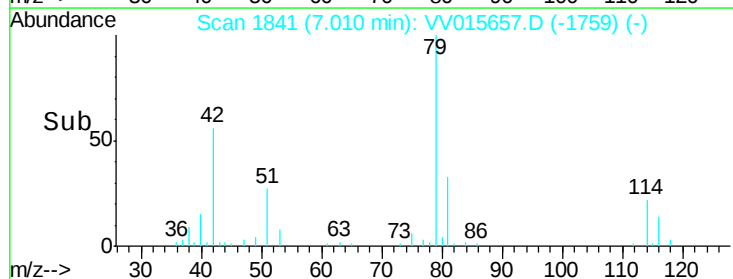
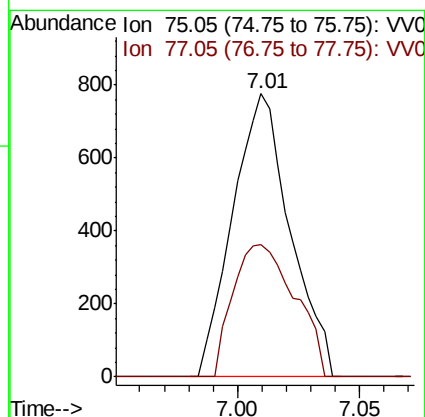
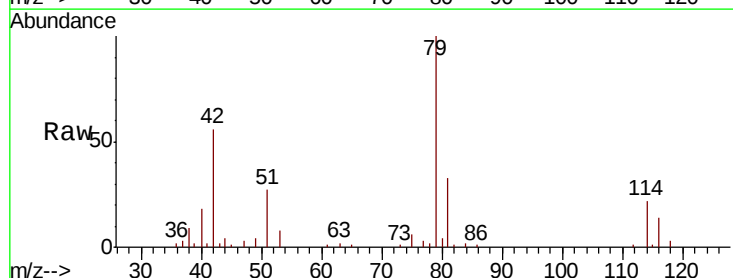
Acq: 23 Apr 2020 13:03

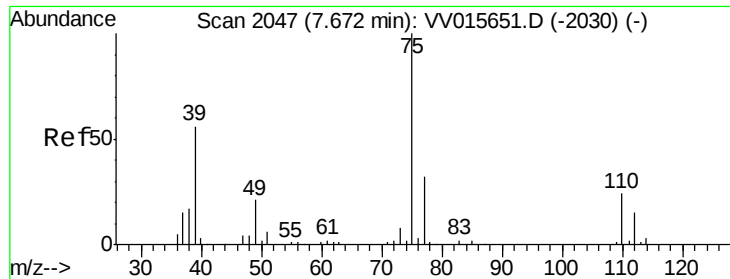
Tgt Ion: 75 Resp: 1269

Ion Ratio Lower Upper

75 100

77 46.6 22.3 41.5#

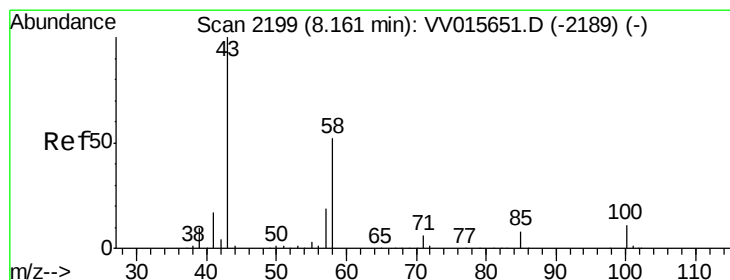
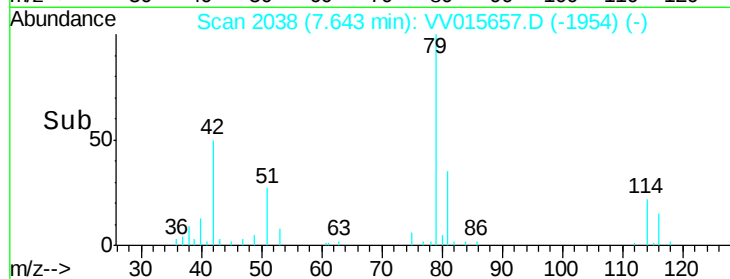
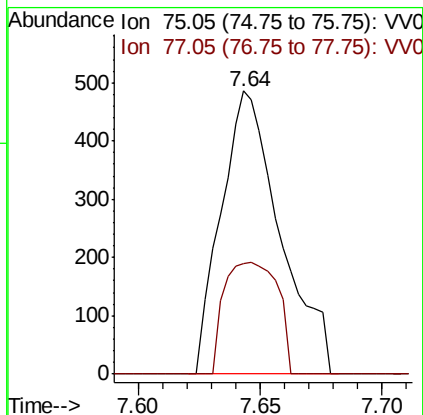
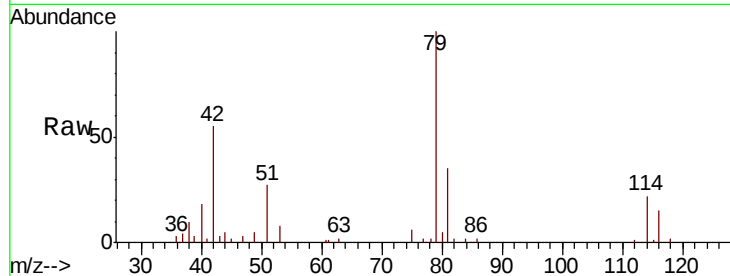




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015657.D
Acq: 23 Apr 2020 13:03

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 817
Ion Ratio Lower Upper
75 100
77 39.1 21.8 40.6



#48
2-Hexanone
Concen: 0.996 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV015657.D
Acq: 23 Apr 2020 13:03

Tgt Ion: 43 Resp: 4167
Ion Ratio Lower Upper
43 100
58 52.8 41.1 61.7
57 19.4 15.0 22.4
100 9.5 9.0 13.4

