

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050420\
 Data File : VV015888.D
 Acq On : 04 May 2020 16:30
 Operator : SY/MD
 Sample : L2435-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 05 01:33:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue May 05 01:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	122842	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	116939	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55256	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29835	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	28813	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.12	63	47395	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.96	46	107818	52.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.62%
24) Chloroform-d	4.38	84	70139	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	40657	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	136679	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.10	67	43470	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.34	98	120529	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.65	79	14545	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.12	63	74843	44.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.00%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29517	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	45166	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

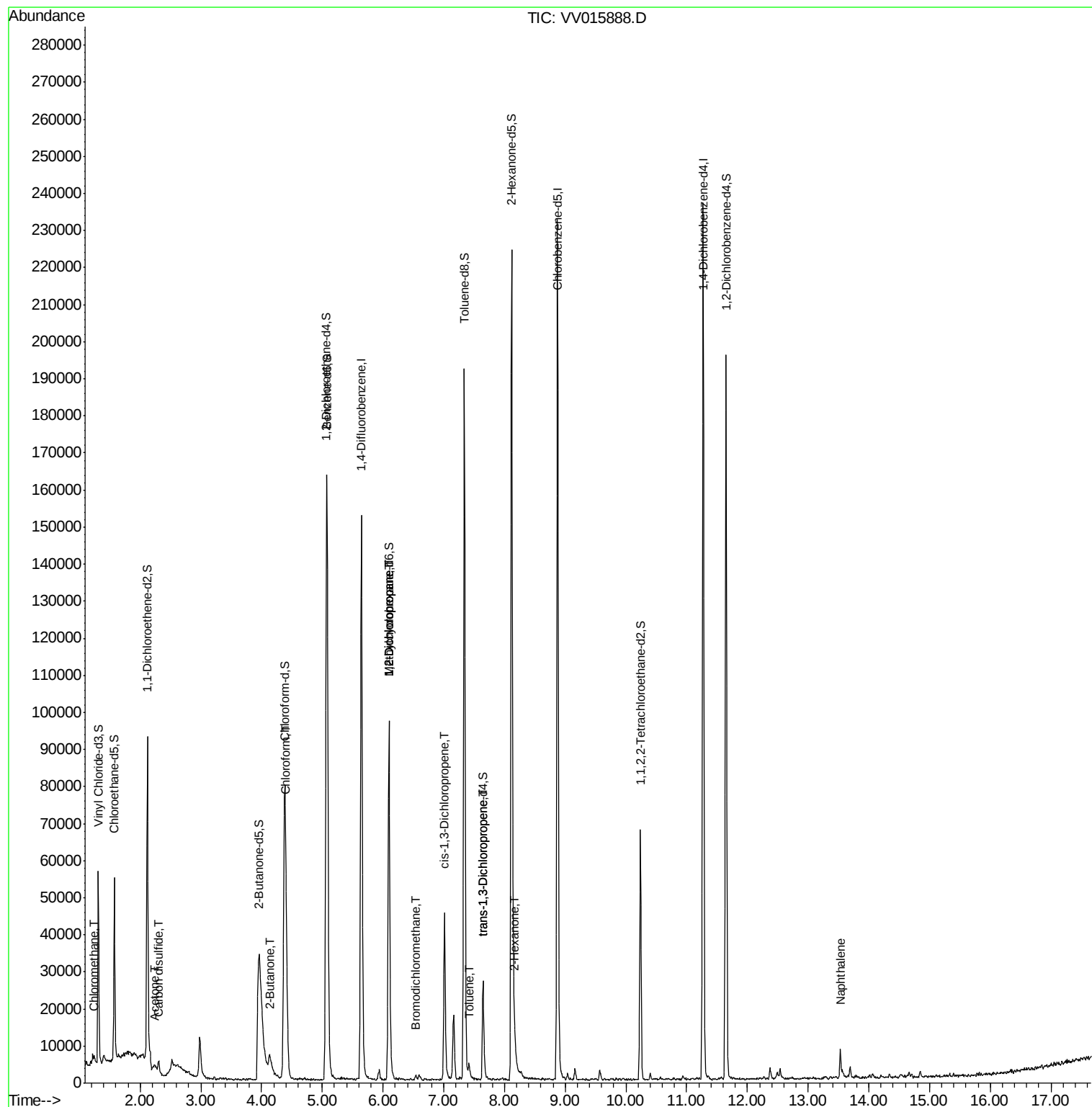
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	785	0.086	ug/L	89
13) Acetone	2.24	43	2986	2.086	ug/L	57
14) Carbon disulfide	2.31	76	3112	0.154	ug/L #	89
21) 2-Butanone	4.14	43	9578	4.338	ug/L #	51
25) Chloroform	4.41	83	31811	1.906	ug/L	99
35) Methylcyclohexane	6.10	83	10819	0.764	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	5289	0.623	ug/L #	86
38) Bromodichloromethane	6.54	83	1190	0.110	ug/L #	82
39) cis-1,3-Dichloropropene	7.01	75	1349	0.114	ug/L #	79
42) Toluene	7.42	91	2452	0.069	ug/L	100
44) trans-1,3-Dichloropropene	7.64	75	1002	0.101	ug/L	90
48) 2-Hexanone	8.17	43	4189	1.066	ug/L #	70
69) Naphthalene	13.53	128	5023	0.236	ug/L	97

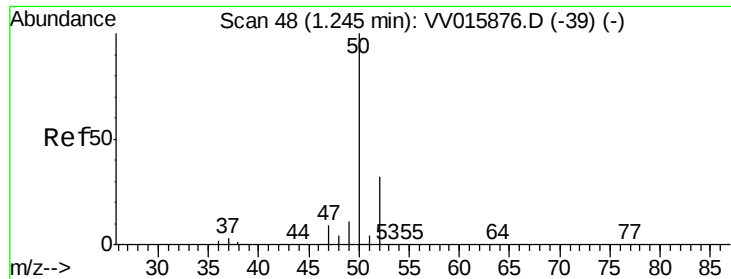
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050420\
Data File : VV015888.D
Acq On : 04 May 2020 16:30
Operator : SY/MD
Sample : L2435-04
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 05 01:33:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 05 01:28:45 2020
Response via : Initial Calibration

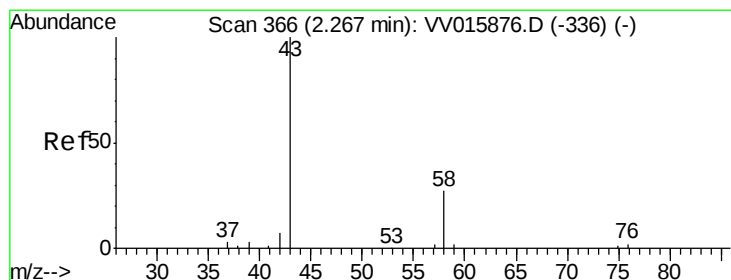
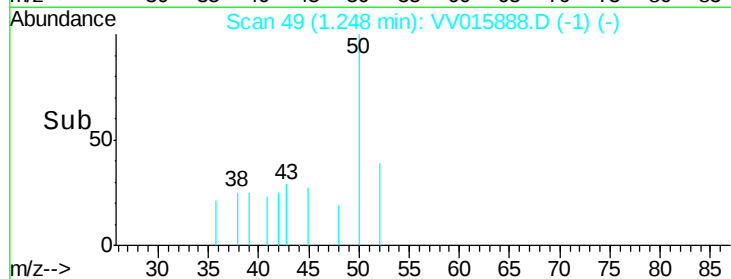
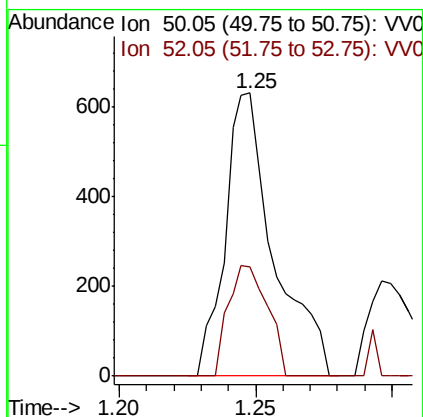
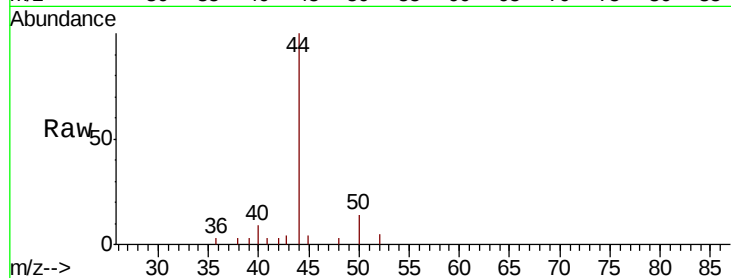




#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.25 min Scan# 49
Delta R.T. 0.00 min
Lab File: VV015888.D
Acq: 04 May 2020 16:30

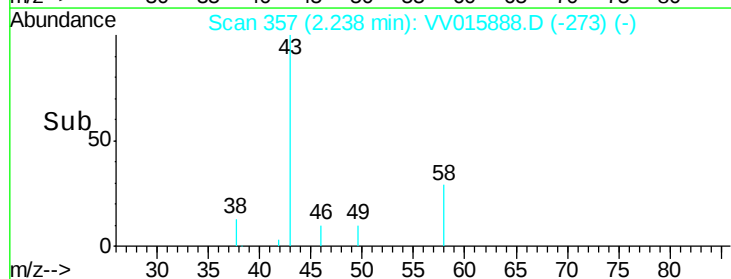
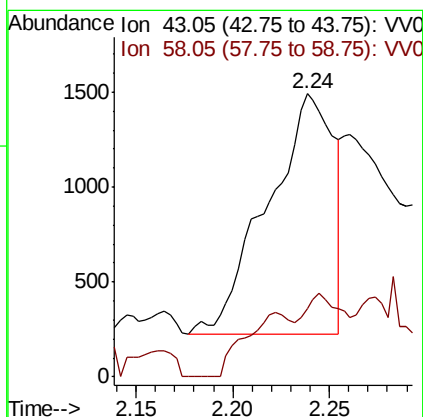
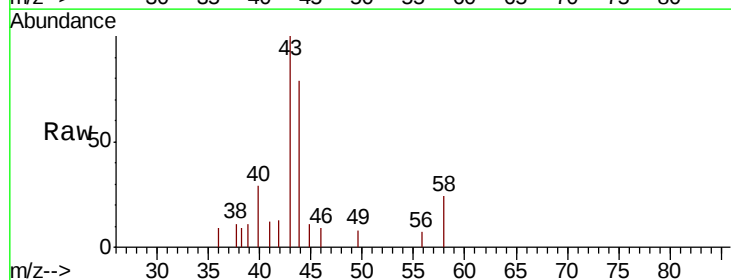
Instrument :
MSVOA_V
ClientSampleId :

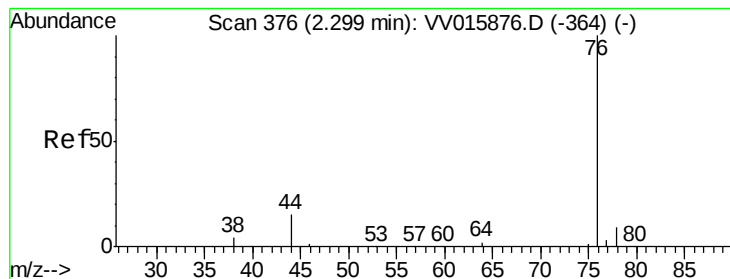
Tot Ion: 50 Resp: 785
Ion Ratio Lower Upper
50 100
52 38.7 22.9 42.5



#13
Acetone
Concen: 2.086 ug/L
RT: 2.24 min Scan# 357
Delta R.T. -0.03 min
Lab File: VV015888.D
Acq: 04 May 2020 16:30

Tgt Ion: 43 Resp: 2986
Ion Ratio Lower Upper
43 100
58 5.8 0.0 57.6





#14

Carbon disulfide

Concen: 0.154 ug/L

RT: 2.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

Instrument :

MSVOA_V

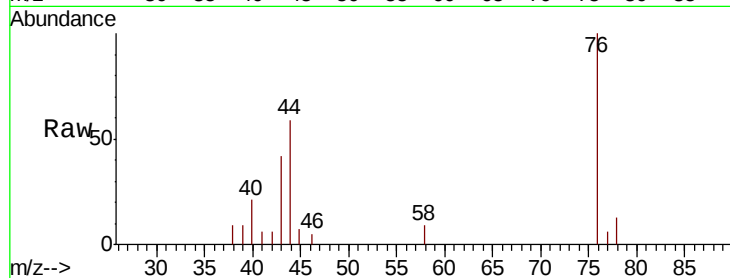
ClientSampleId :

Tot Ion: 76 Resp: 3112

Ion Ratio Lower Upper

76 100

78 13.3 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.31

2000

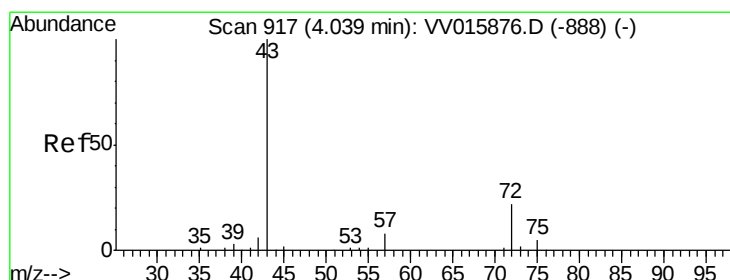
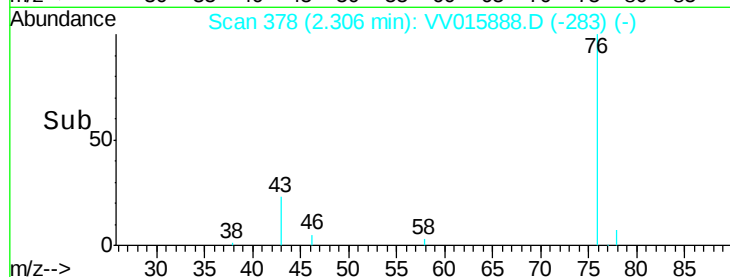
1500

1000

500

0

Time-->



#21

2-Butanone

Concen: 4.338 ug/L

RT: 4.14 min Scan# 947

Delta R.T. 0.10 min

Lab File: VV015888.D

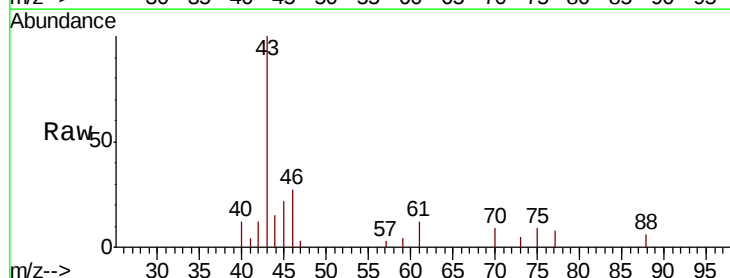
Acq: 04 May 2020 16:30

Tgt Ion: 43 Resp: 9578

Ion Ratio Lower Upper

43 100

72 0.0 12.3 36.9#



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 72.00 (71.70 to 72.70): VV0

4.14

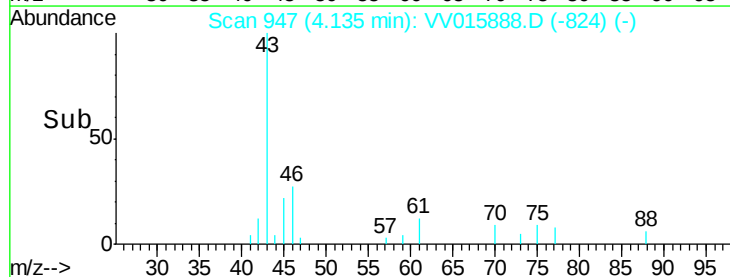
3000

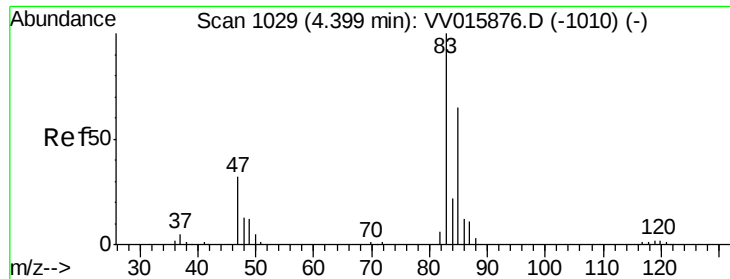
2000

1000

0

Time-->

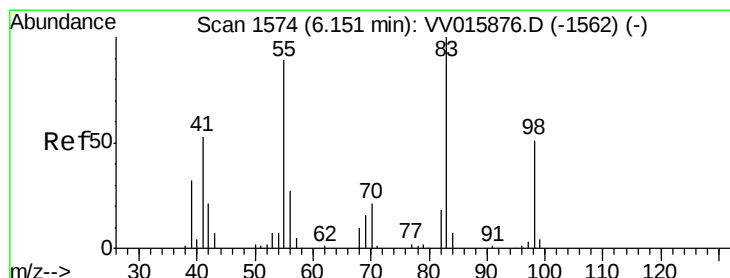
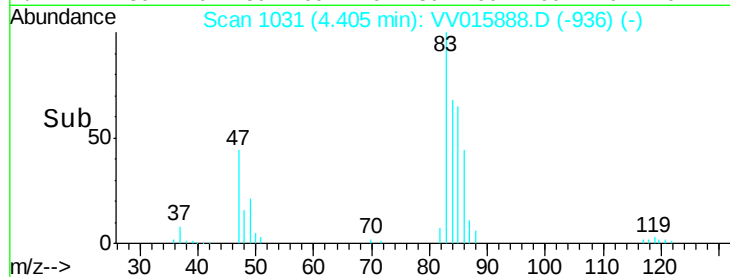
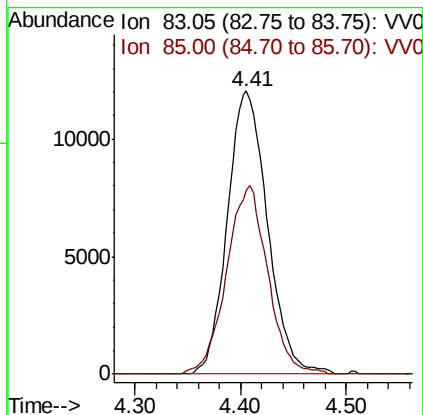
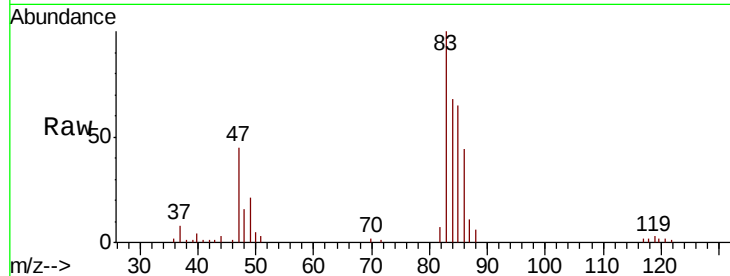




#25
Chloroform
Concen: 1.906 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015888.D
Acq: 04 May 2020 16:30

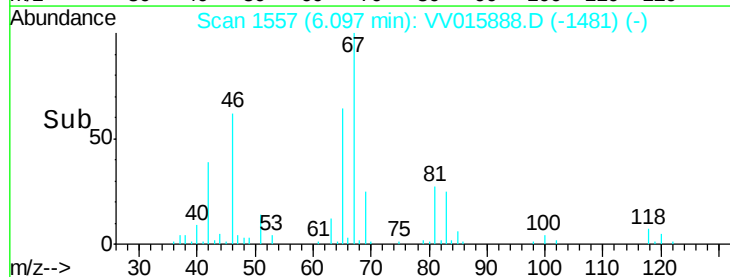
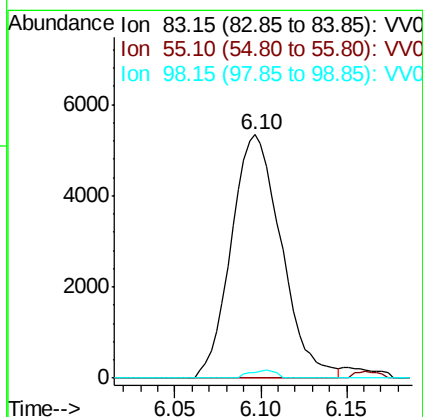
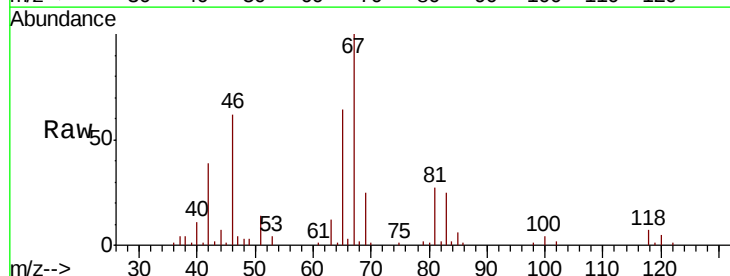
Instrument :
MSVOA_V
ClientSampled :

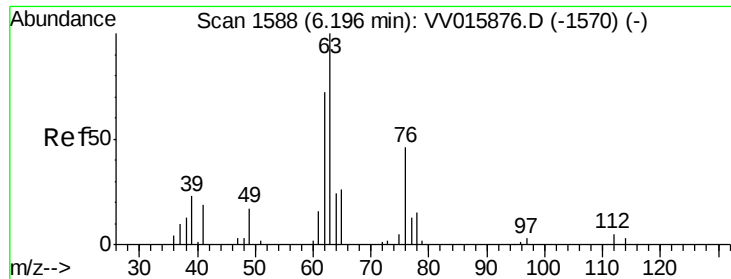
Tot Ion: 83 Resp: 31811
Ion Ratio Lower Upper
83 100
85 64.9 46.1 85.5



#35
Methylcyclohexane
Concen: 0.764 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015888.D
Acq: 04 May 2020 16:30

Tgt Ion: 83 Resp: 10819
Ion Ratio Lower Upper
83 100
55 1.3 66.6 99.8#
98 1.7 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.623 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

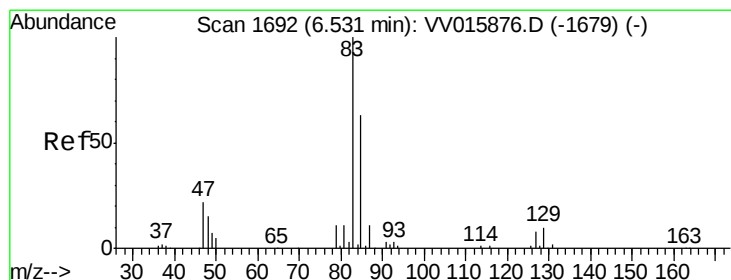
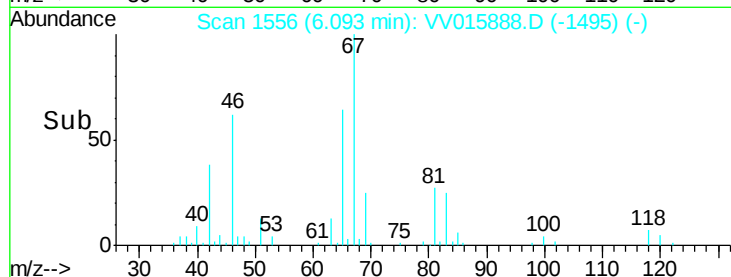
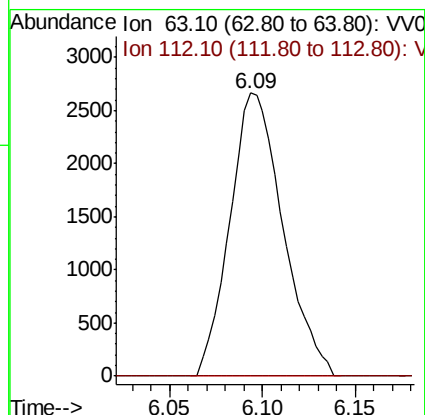
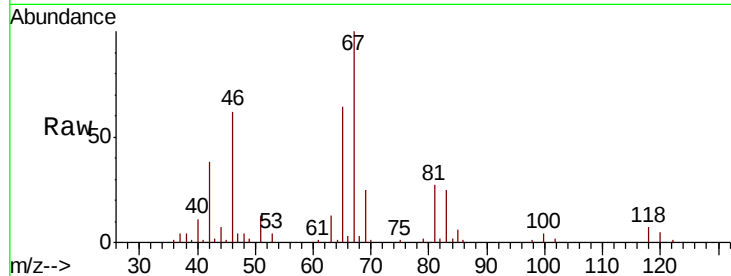
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 63 Resp: 5289

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



#38

Bromodichloromethane

Concen: 0.110 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

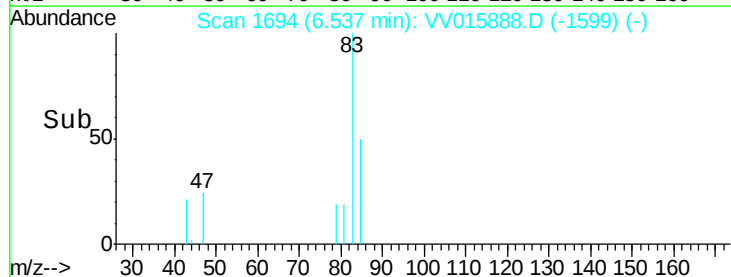
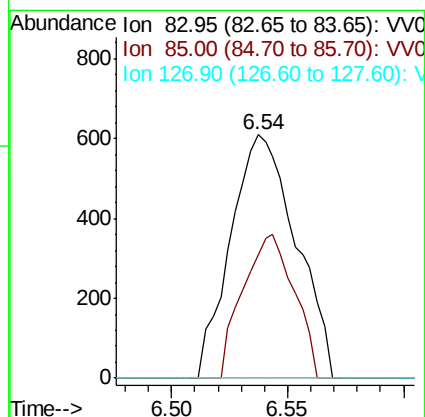
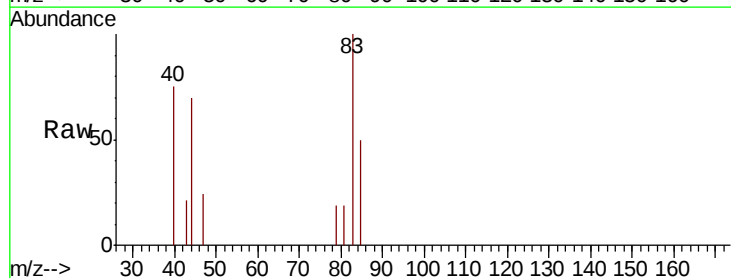
Tgt Ion: 83 Resp: 1190

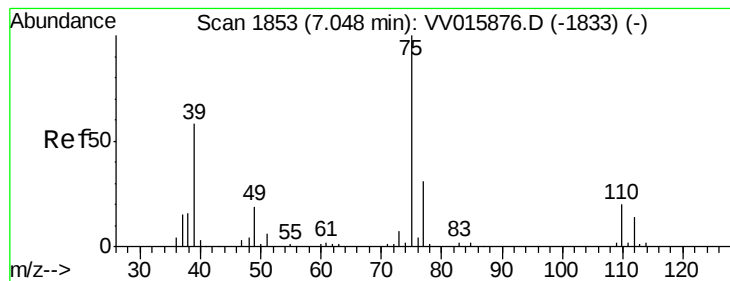
Ion Ratio Lower Upper

83 100

85 50.5 44.7 83.1

127 0.0 5.8 8.6#





#39

cis-1,3-Dichloropropene

Concen: 0.114 ug/L

RT: 7.01 min Scan# 1842

Delta R.T. -0.04 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

Instrument :

MSVOA_V

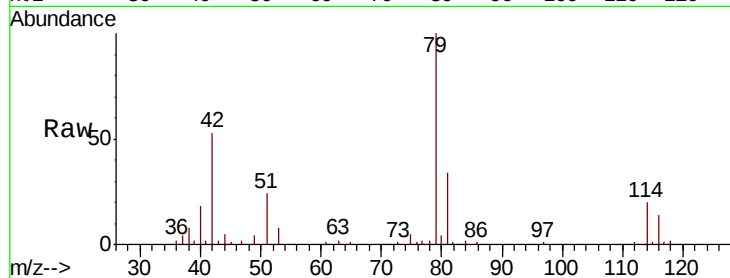
ClientSampled :

Tot Ion: 75 Resp: 1349

Ion Ratio Lower Upper

75 100

77 43.4 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

800

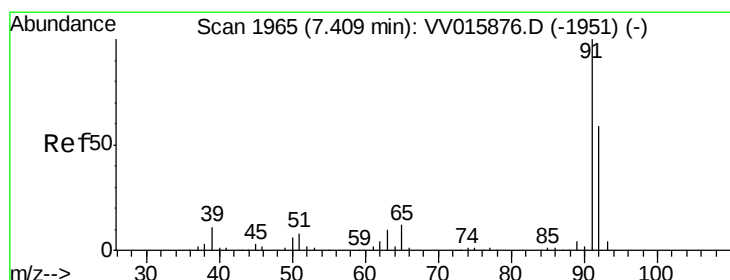
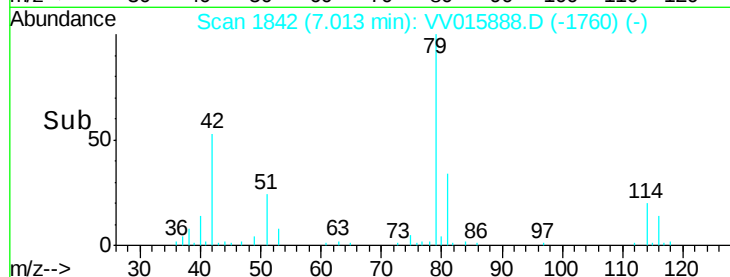
600

400

200

0

Time--> 6.95 7.00 7.05



#42

Toluene

Concen: 0.069 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV015888.D

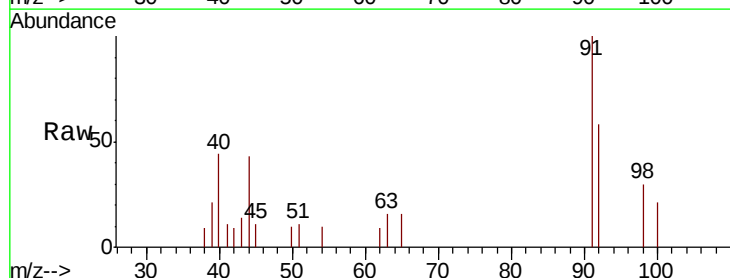
Acq: 04 May 2020 16:30

Tgt Ion: 91 Resp: 2452

Ion Ratio Lower Upper

91 100

92 58.1 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

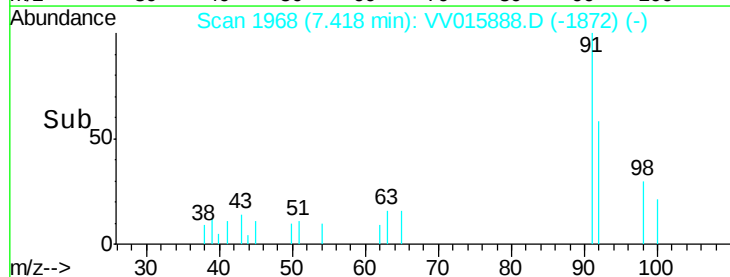
Ion 92.15 (91.85 to 92.85): VV0

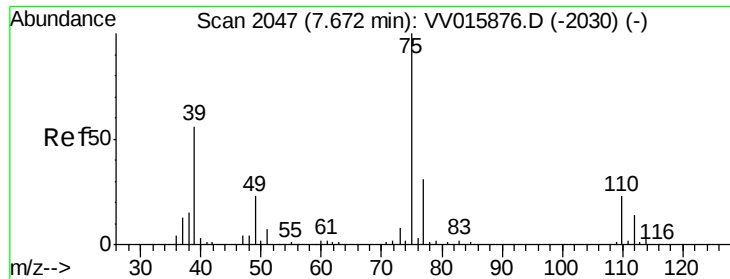
1000

500

0

Time--> 7.35 7.40 7.45





#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

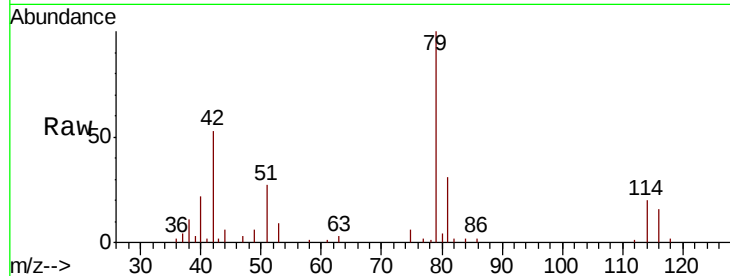
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 1002

Ion Ratio Lower Upper

75 100

77 37.0 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

500

400

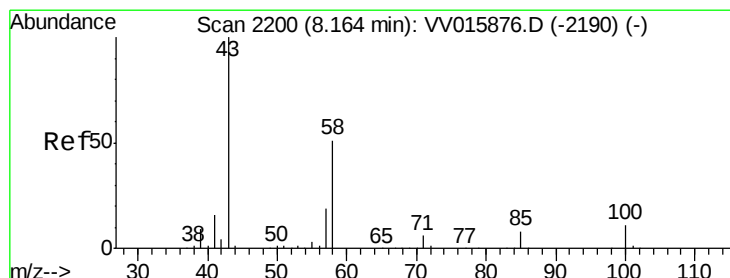
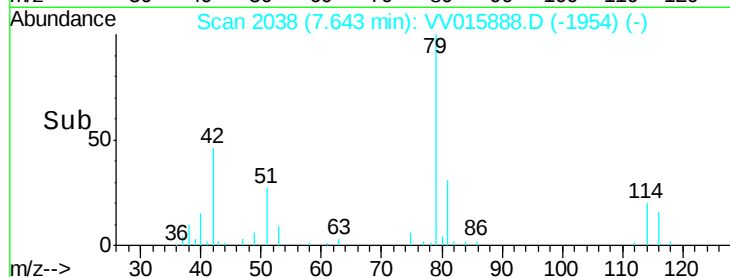
300

200

100

0

Time--> 7.60 7.65 7.70



#48

2-Hexanone

Concen: 1.066 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

Tgt Ion: 43 Resp: 4189

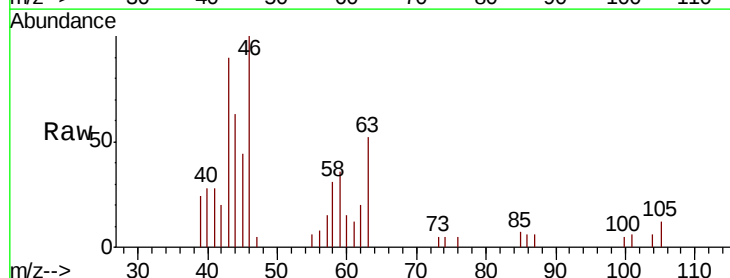
Ion Ratio Lower Upper

43 100

58 31.7 41.1 61.7#

57 0.0 15.0 22.4#

100 4.2 9.0 13.4#



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

8000

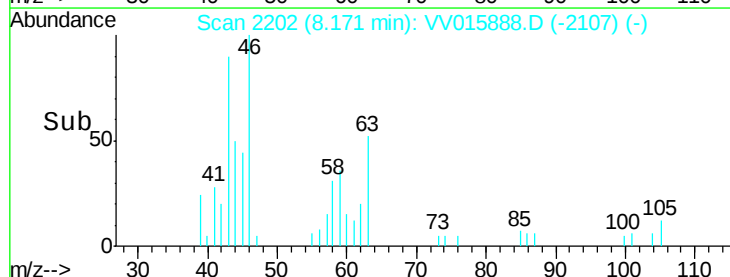
6000

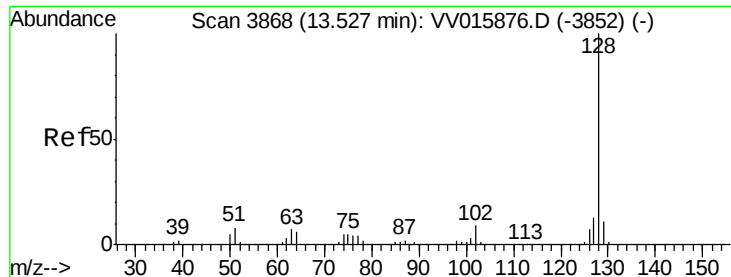
4000

2000

0

Time--> 8.15 8.20 8.25





#69

Naphthalene

Concen: 0.236 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV015888.D

Acq: 04 May 2020 16:30

Instrument :

MSVOA_V

ClientSampleId :

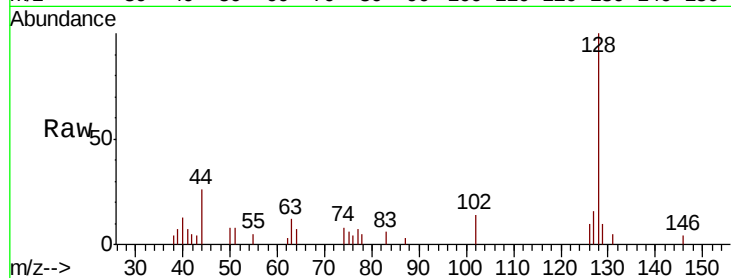
Tot Ion:128 Resp: 5023

Ion Ratio Lower Upper

128 100

129 11.3 8.4 12.6

127 13.9 10.2 15.4



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

