

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017144.D
 Acq On : 25 Jun 2020 22:47
 Operator : SY/MD
 Sample : VV0625WBL02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK55

Quant Time: Jun 26 05:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171365	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167568	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76733	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	50147	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	38623	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.20%
11) 1,1-Dichloroethene-d2	2.12	63	74200	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	3.96	46	91558	34.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.86%
24) Chloroform-d	4.38	84	108256	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	58799	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.07	84	205161	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.09	67	59303	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	7.34	98	178788	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.64	79	22403	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
48) 2-Hexanone-d5	8.12	63	78609	38.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39377	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	69016	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

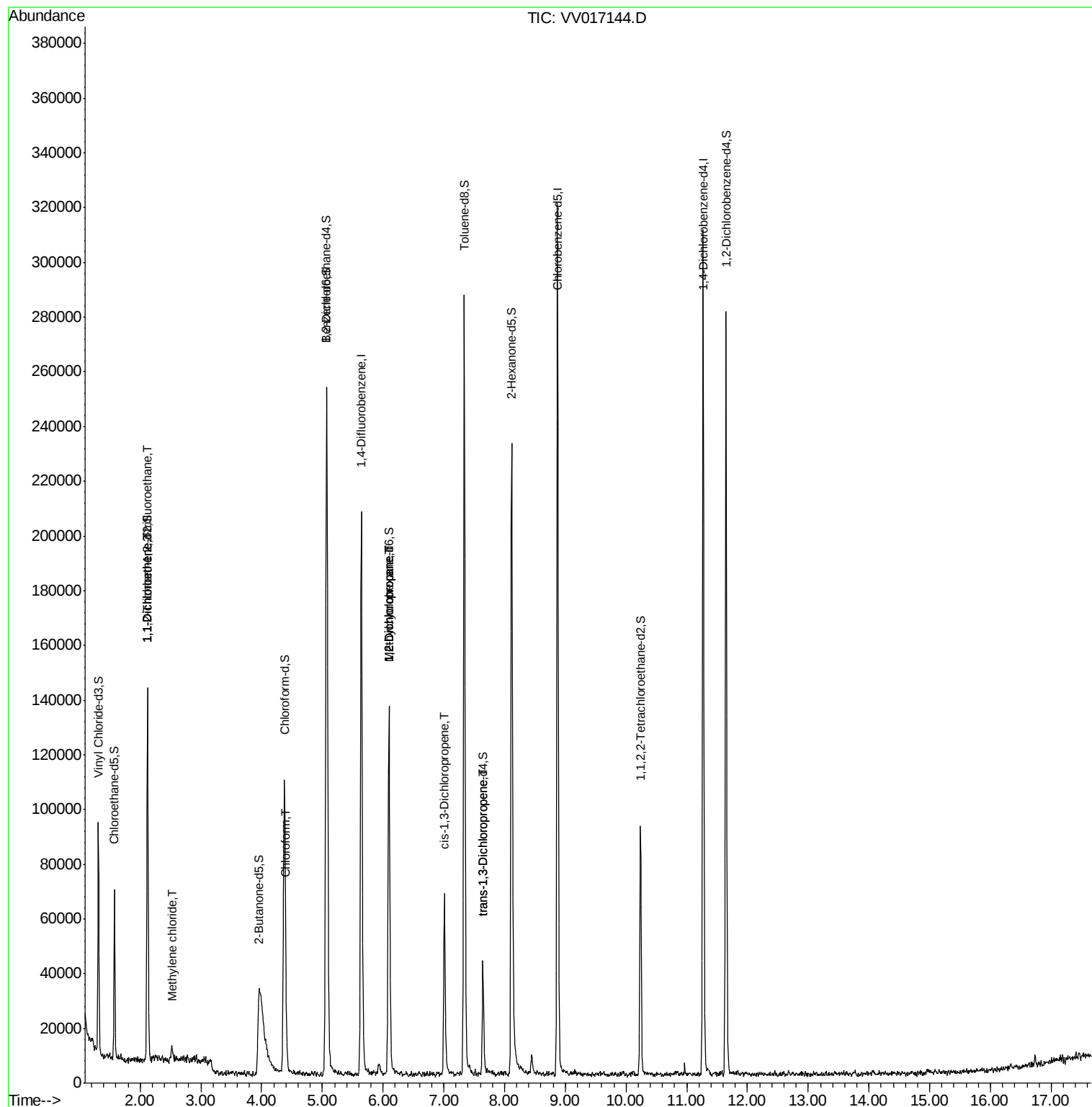
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	944	0.104 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	785	0.095 ug/L #	1
16) Methylene chloride	2.52	84	2088	0.237 ug/L	87
25) Chloroform	4.41	83	2219	0.104 ug/L	90
35) Methylcyclohexane	6.10	83	15984	0.800 ug/L #	19
37) 1,2-Dichloropropane	6.09	63	7492	0.690 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2049	0.127 ug/L	91
46) trans-1,3-Dichloropropene	7.64	75	1565	0.112 ug/L	92

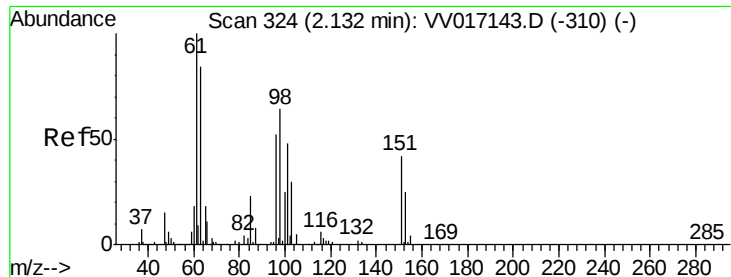
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 26 05:12:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.104 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017144.D

Acq: 25 Jun 2020 22:47

Instrument :

MSVOA_V

ClientSampleId :

VBLK55

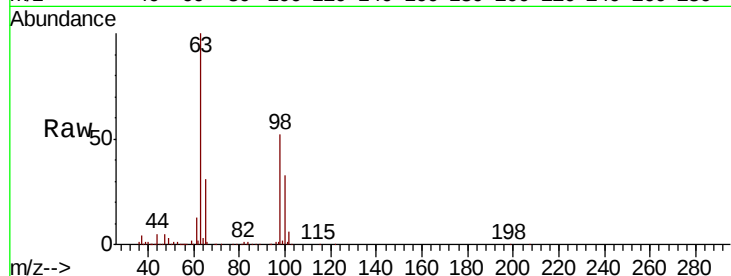
Tot Ion:101 Resp: 944

Ion Ratio Lower Upper

101 100

85 5.9 35.4 53.2#

151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

2.12

600

400

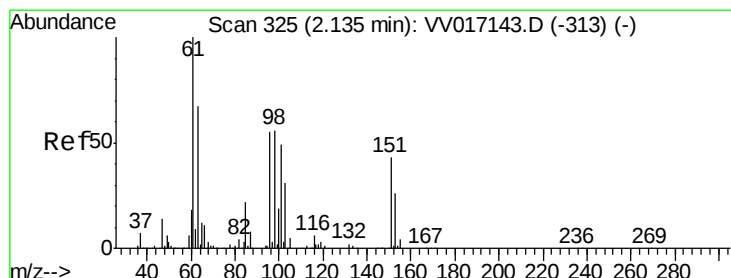
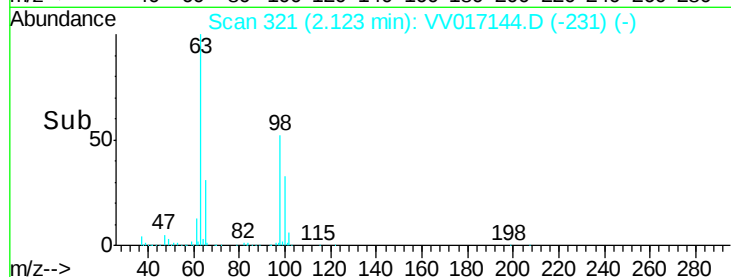
200

0

2.10

2.15

Time-->



#12

1,1-Dichloroethene

Concen: 0.095 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV017144.D

Acq: 25 Jun 2020 22:47

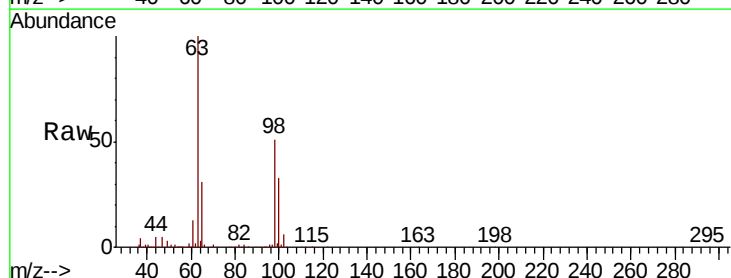
Tgt Ion: 96 Resp: 785

Ion Ratio Lower Upper

96 100

61 1488.5 125.0 232.2#

63 11462.5 109.8 203.8#



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

60000

40000

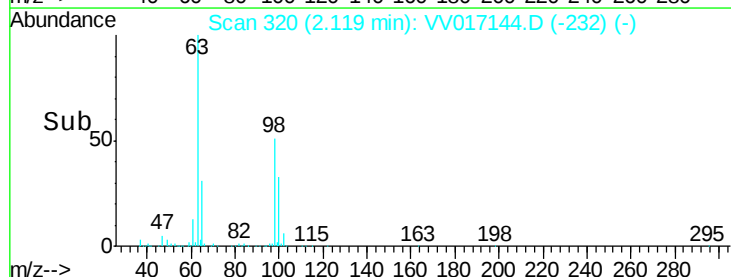
20000

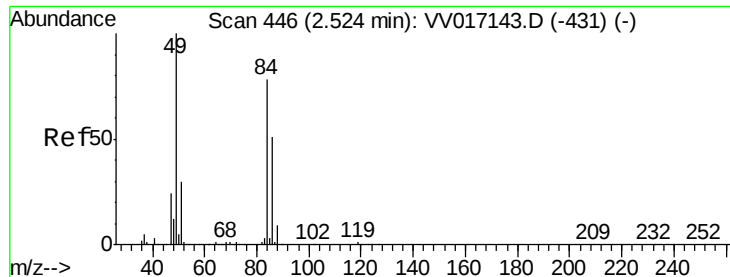
0

2.10

2.15

Time-->

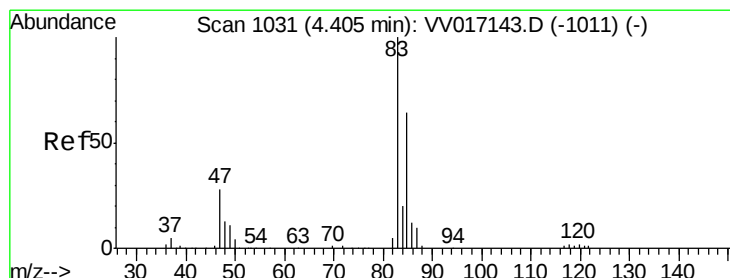
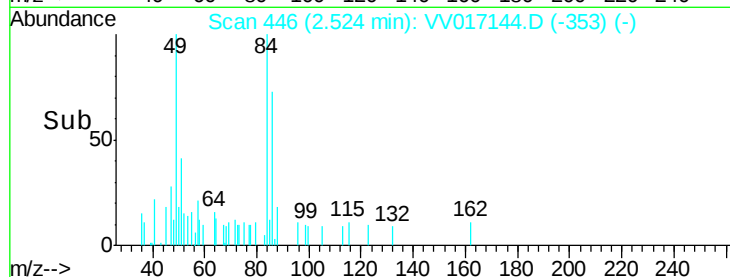
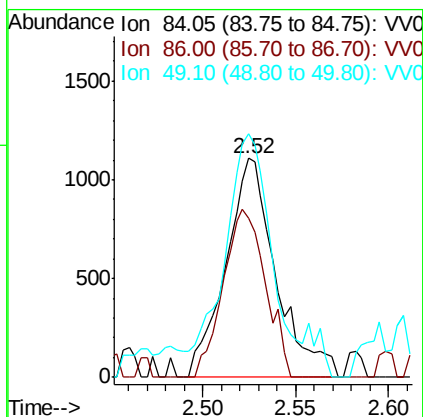
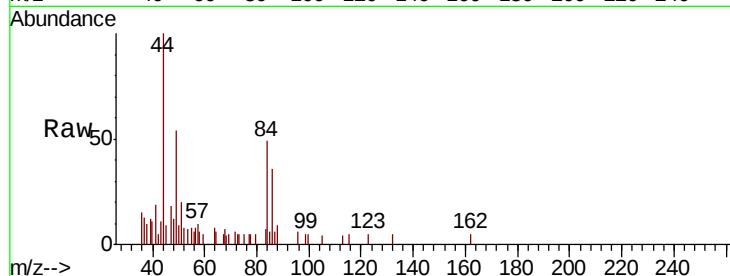




#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017144.D
Acq: 25 Jun 2020 22:47

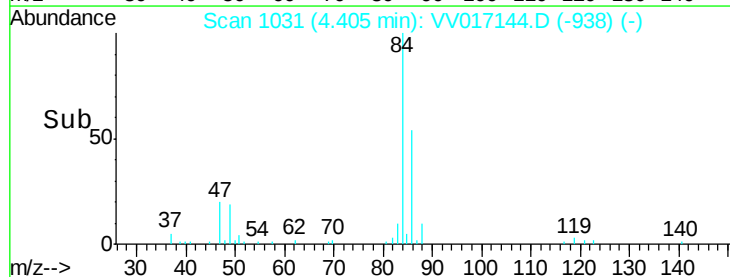
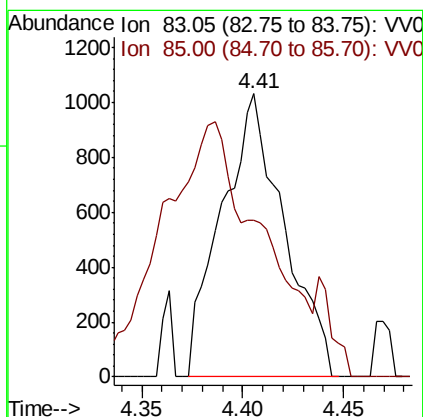
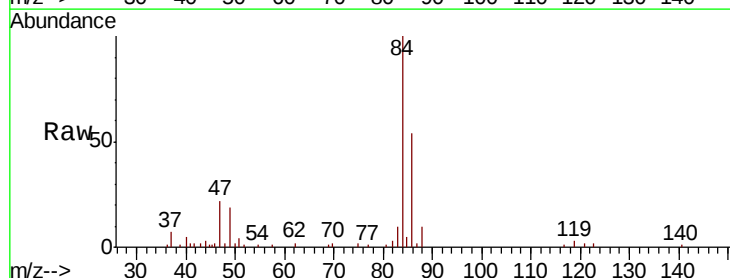
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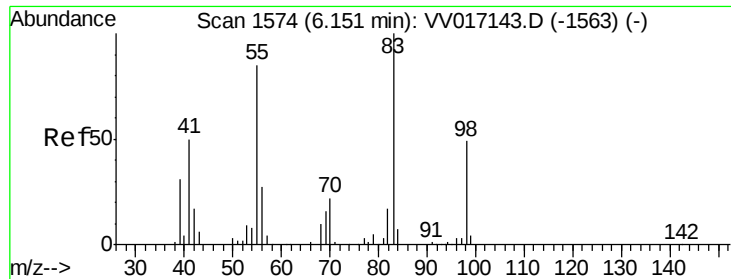
Tot Ion: 84 Resp: 2088
Ion Ratio Lower Upper
84 100
86 72.8 45.8 85.0
49 111.1 89.6 166.4



#25
Chloroform
Concen: 0.104 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV017144.D
Acq: 25 Jun 2020 22:47

Tgt Ion: 83 Resp: 2219
Ion Ratio Lower Upper
83 100
85 55.2 44.2 82.2

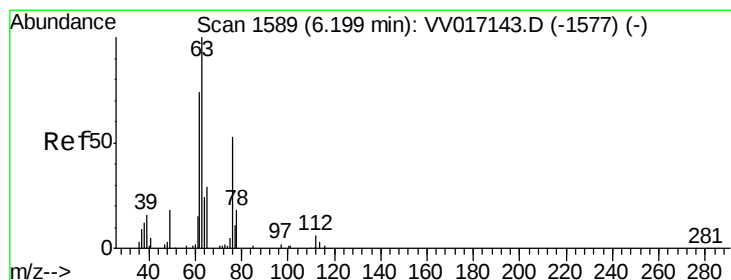
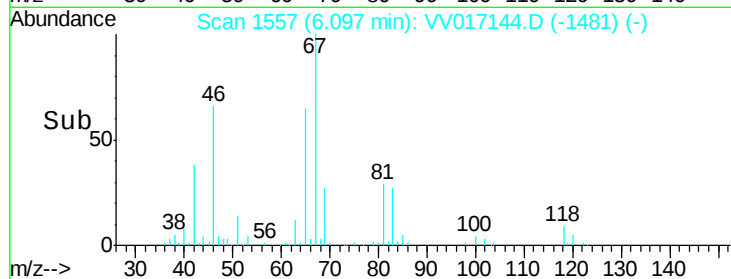
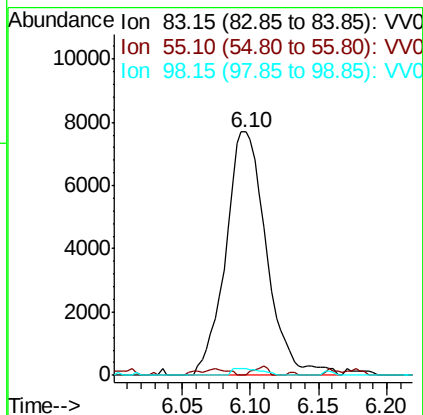
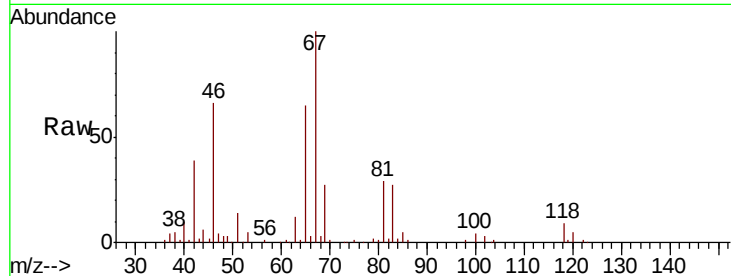




#35
Methylcyclohexane
Concen: 0.800 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017144.D
Acq: 25 Jun 2020 22:47

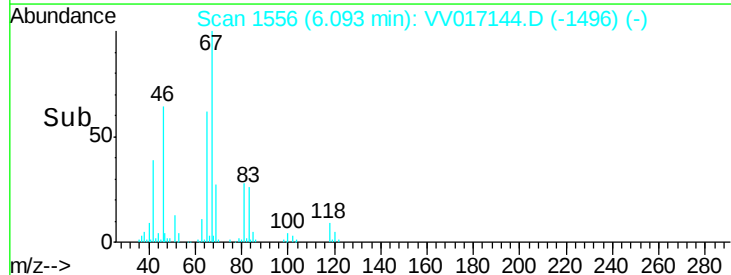
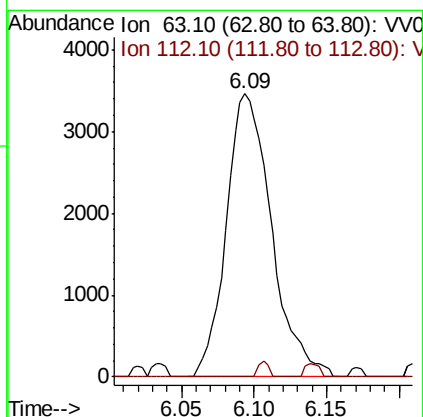
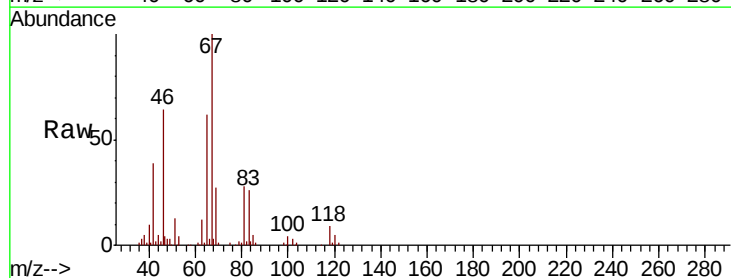
Instrument :
MSVOA_V
ClientSampleId :
VBLK55

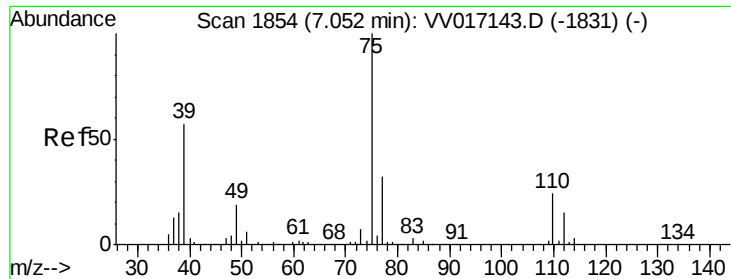
Tot Ion: 83 Resp: 15984
Ion Ratio Lower Upper
83 100
55 1.3 63.6 95.4#
98 2.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.690 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.11 min
Lab File: VV017144.D
Acq: 25 Jun 2020 22:47

Tgt Ion: 63 Resp: 7492
Ion Ratio Lower Upper
63 100
112 1.3 4.4 6.6#





#39

cis-1,3-Dichloropropene

Concen: 0.127 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017144.D

Acq: 25 Jun 2020 22:47

Instrument :

MSVOA_V

ClientSampleId :

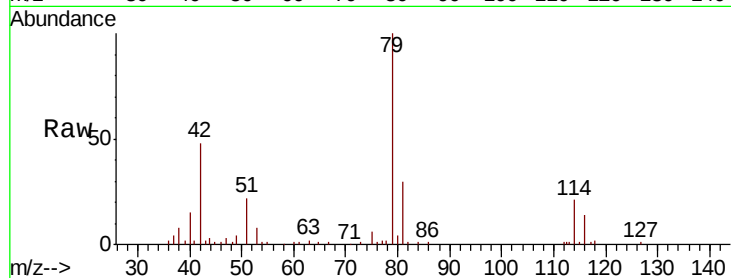
VBLK55

Tot Ion: 75 Resp: 2049

Ion Ratio Lower Upper

75 100

77 37.0 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.01

1500

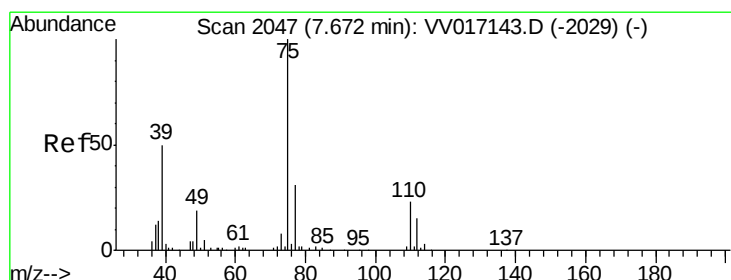
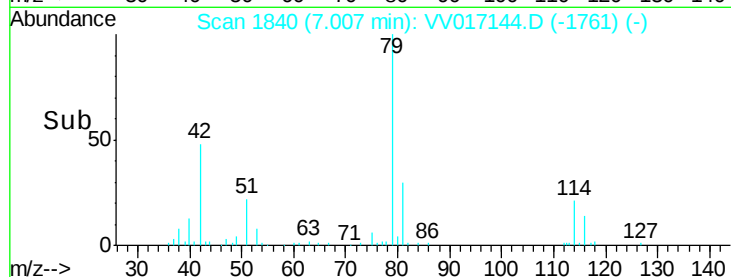
1000

500

0

7.00 7.05

Time-->



#46

trans-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV017144.D

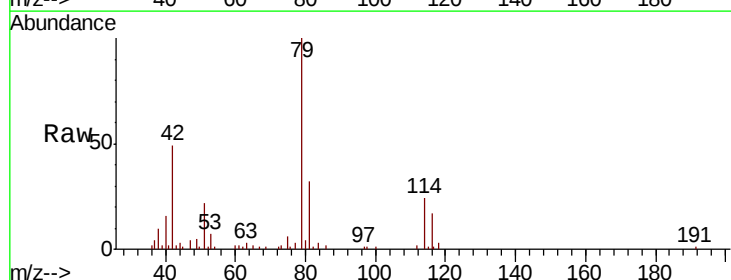
Acq: 25 Jun 2020 22:47

Tgt Ion: 75 Resp: 1565

Ion Ratio Lower Upper

75 100

77 36.1 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.64

1000

800

600

400

200

0

7.60 7.65 7.70

Time-->

