

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017656.D
 Acq On : 24 Jul 2020 19:48
 Operator : SY/MD
 Sample : L3446-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:12:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 25 00:05:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	152751	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149394	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	72907	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	34857	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	29620	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.12	63	58736	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.94	46	77180	44.23	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.46%
24) Chloroform-d	4.38	84	88281	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	47385	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.07	84	160628	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.09	67	43353	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.34	98	146788	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
45) trans-1,3-Dichloropropene-	7.65	79	17545	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
48) 2-Hexanone-d5	8.11	63	46778	36.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	27858	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	60799	5.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.20%

Target Compounds

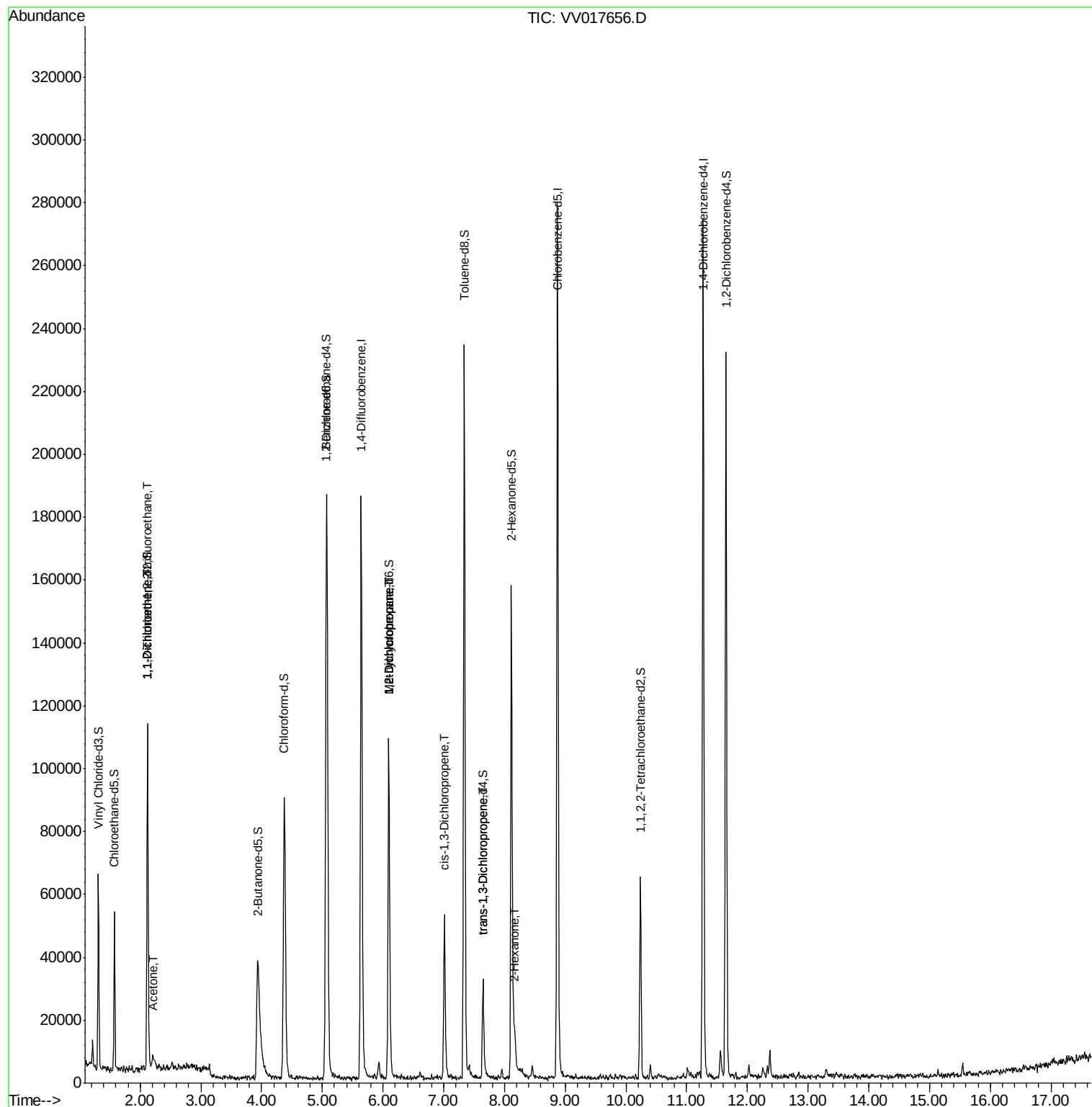
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	803	0.088 ug/L #	23
12) 1,1-Dichloroethene	2.12	96	583	0.071 ug/L #	1
13) Acetone	2.21	43	10981	8.039 ug/L	97
35) Methylcyclohexane	6.09	83	12376	0.693 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	6736	0.678 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	1554	0.104 ug/L #	61
46) trans-1,3-Dichloropropene	7.65	75	1190	0.088 ug/L	95
50) 2-Hexanone	8.17	43	6833	1.772 ug/L #	93

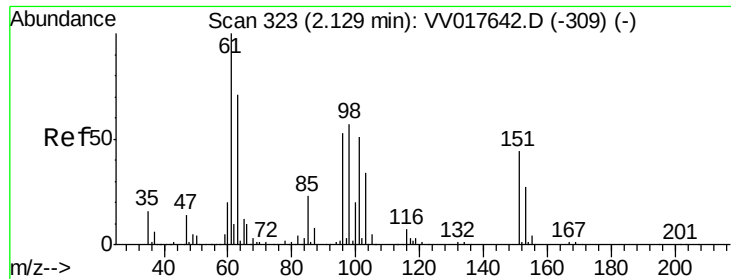
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.088 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017656.D

Acq: 24 Jul 2020 19:48

Instrument :

MSVOA_V

ClientSampled :

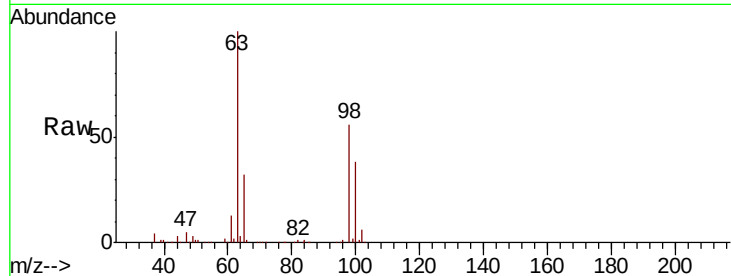
Tot Ion:101 Resp: 803

Ion Ratio Lower Upper

101 100

85 9.2 34.6 51.8#

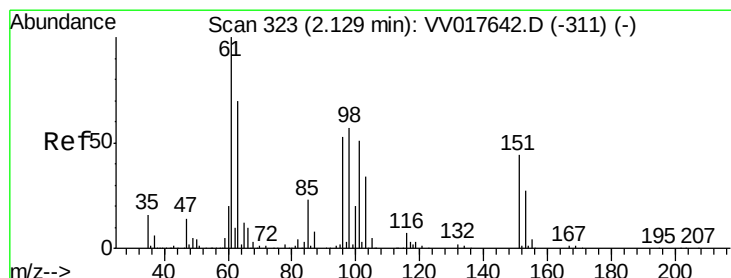
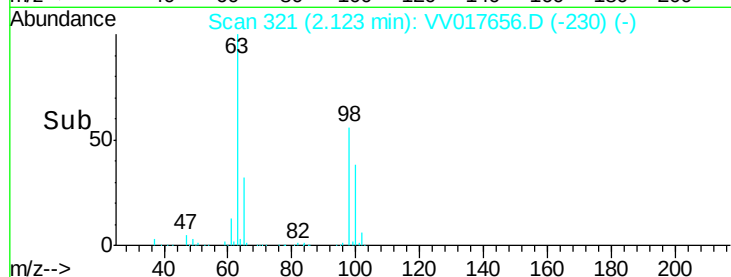
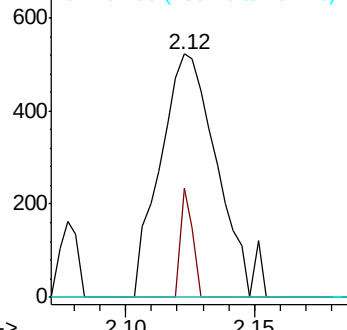
151 0.0 63.5 95.3#



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



#12

1,1-Dichloroethene

Concen: 0.071 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017656.D

Acq: 24 Jul 2020 19:48

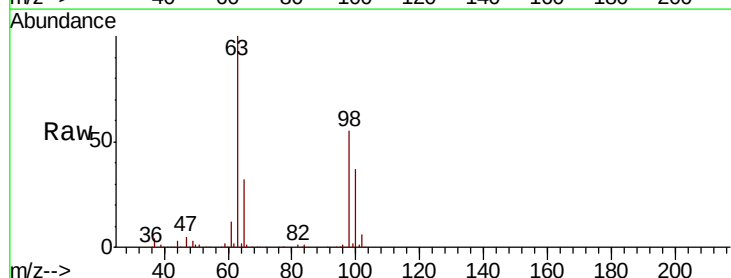
Tgt Ion: 96 Resp: 583

Ion Ratio Lower Upper

96 100

61 1020.0 123.1 228.7#

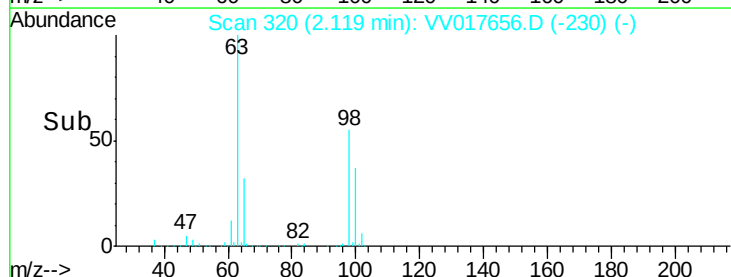
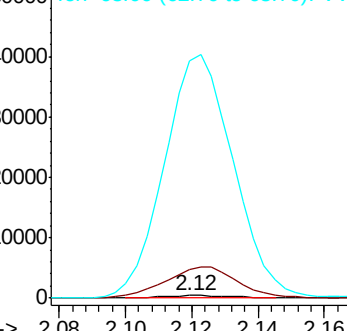
63 8583.9 91.2 169.4#

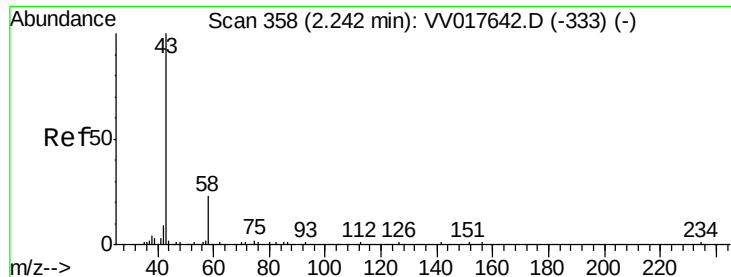


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 8.039 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.03 min

Lab File: VV017656.D

Acq: 24 Jul 2020 19:48

Instrument :

MSVOA_V

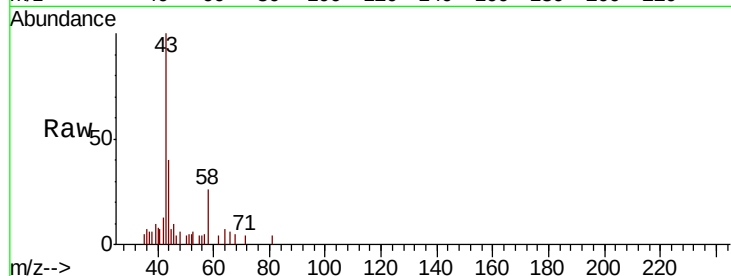
ClientSampleId :

Tot Ion: 43 Resp: 10981

Ion Ratio Lower Upper

43 100

58 10.3 0.0 18.6



Abundance Ion 43.05 (42.75 to 43.75): VV017642.D (-333) (-)

Ion 58.05 (57.75 to 58.75): VV017642.D (-333) (-)

2.21

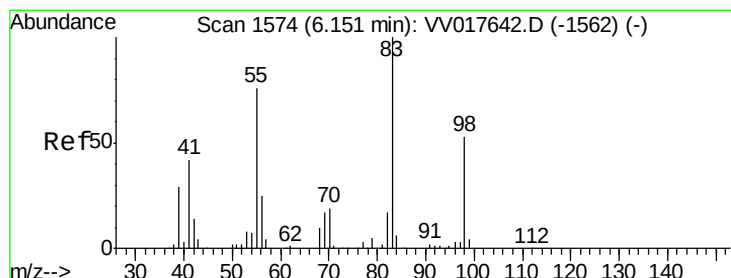
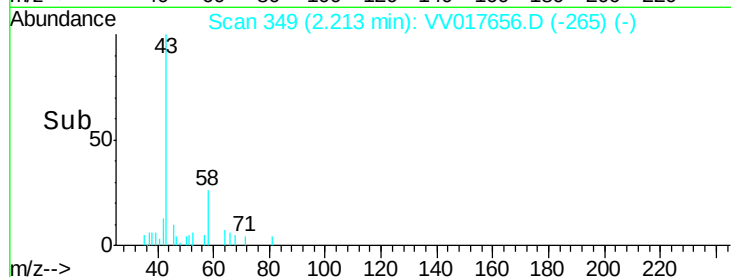
3000

2000

1000

0

Time--> 2.10 2.20 2.30



#35

Methylcyclohexane

Concen: 0.693 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017656.D

Acq: 24 Jul 2020 19:48

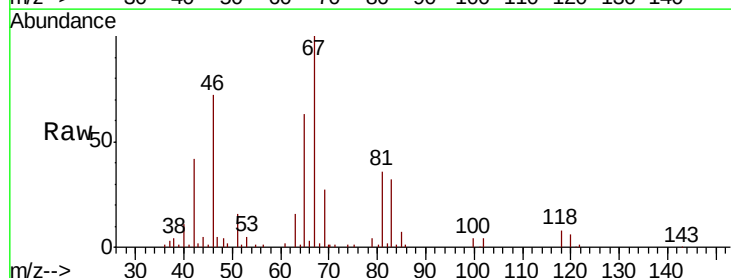
Tgt Ion: 83 Resp: 12376

Ion Ratio Lower Upper

83 100

55 0.8 61.8 92.8#

98 0.6 39.0 58.6#



Abundance Ion 83.15 (82.85 to 83.85): VV017642.D (-1562) (-)

Ion 55.10 (54.80 to 55.80): VV017642.D (-1562) (-)

Ion 98.15 (97.85 to 98.85): VV017642.D (-1562) (-)

6.09

8000

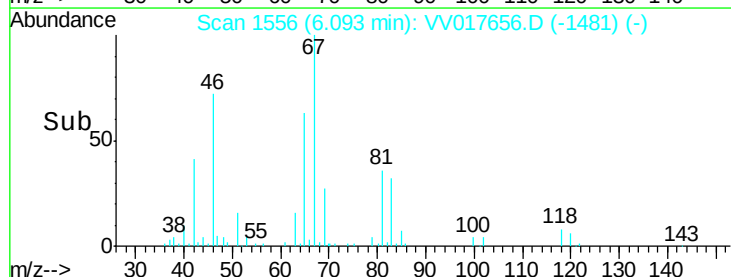
6000

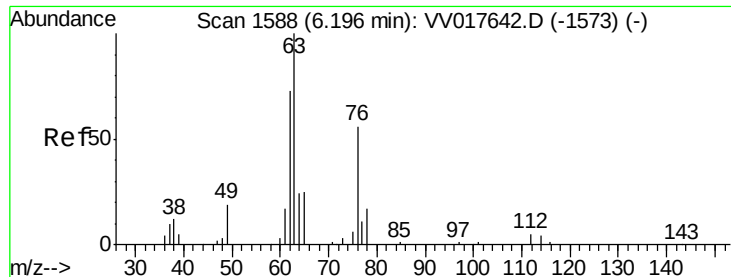
4000

2000

0

Time--> 6.05 6.10 6.15

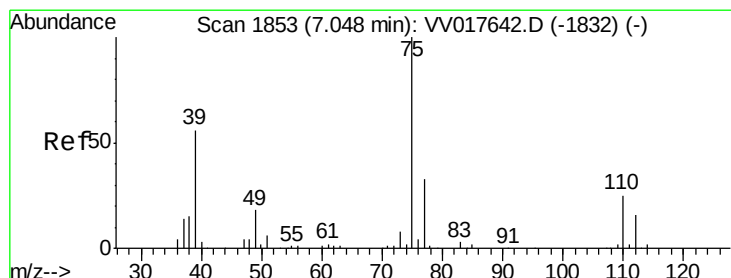
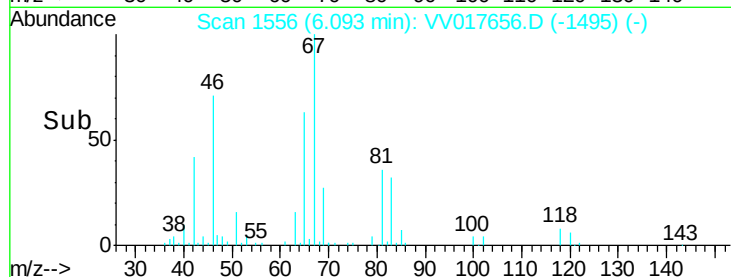
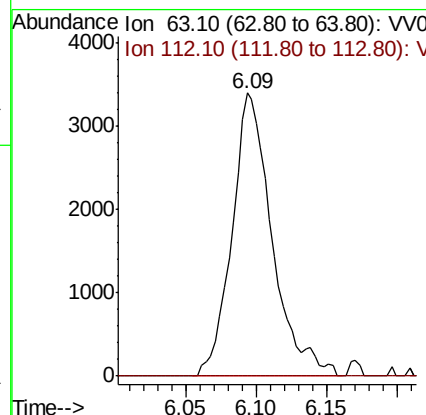
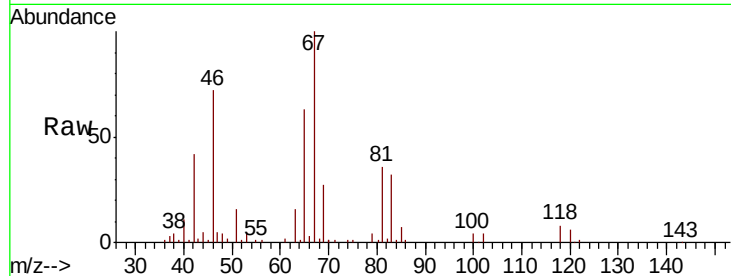




#37
 1,2-Dichloropropane
 Concen: 0.678 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017656.D
 Acq: 24 Jul 2020 19:48

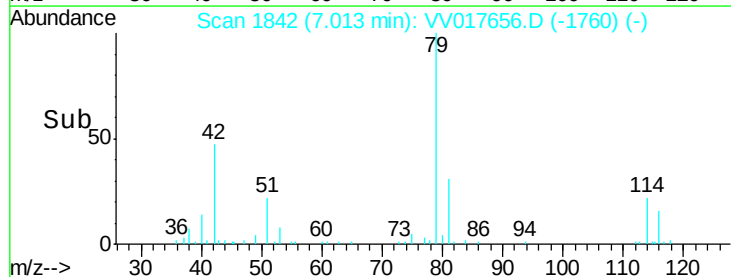
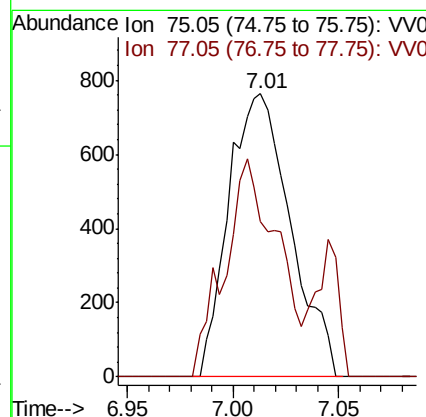
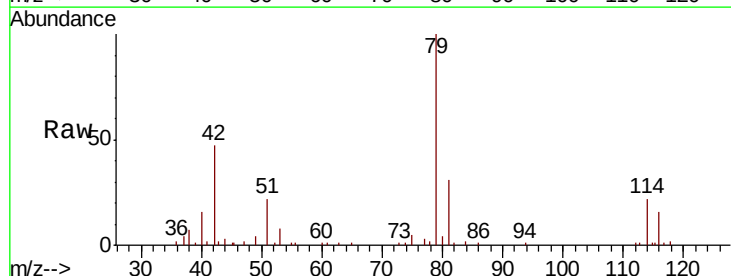
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 MSVOA_V
 ClientSampleId :

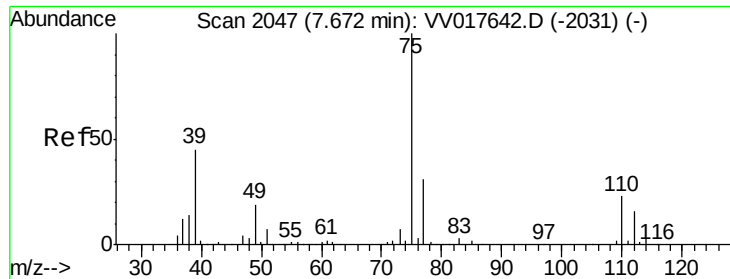
Tot Ion: 63 Resp: 6736
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017656.D
 Acq: 24 Jul 2020 19:48

Tgt Ion: 75 Resp: 1554
 Ion Ratio Lower Upper
 75 100
 77 55.0 23.2 43.2#

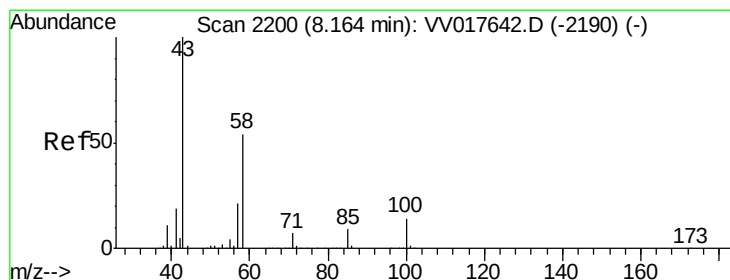
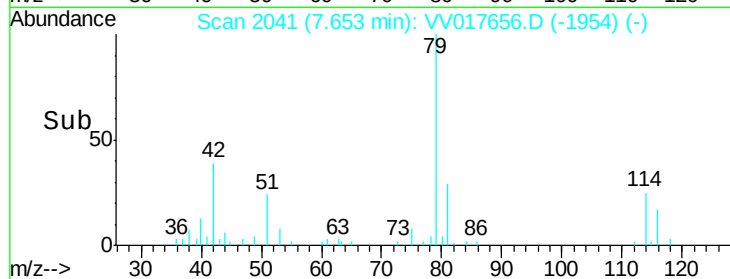
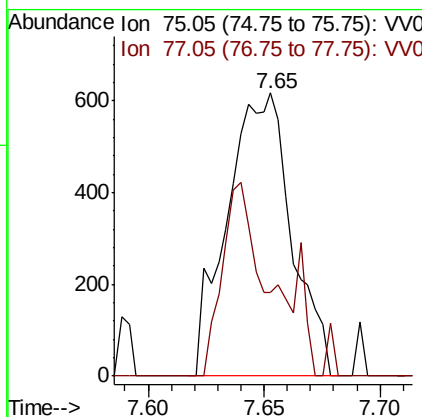
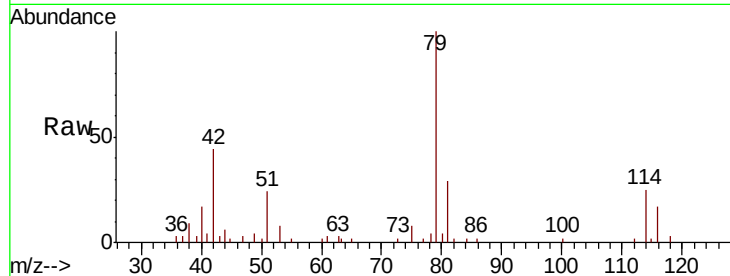




#46
trans-1,3-Dichloropropene
Concen: 0.088 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV017656.D
Acq: 24 Jul 2020 19:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1190
Ion Ratio Lower Upper
75 100
77 29.5 22.5 41.7



#50
2-Hexanone
Concen: 1.772 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV017656.D
Acq: 24 Jul 2020 19:48

Tgt Ion: 43 Resp: 6833
Ion Ratio Lower Upper
43 100
58 53.4 41.6 62.4
57 8.5 15.4 23.0#
100 14.2 11.2 16.8

