

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072420\
 Data File : VV017658.D
 Acq On : 24 Jul 2020 20:36
 Operator : SY/MD
 Sample : L3446-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 25 00:12:41 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	148599	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148008	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	68716	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31929	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	26794	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.12	63	56479	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.96	46	74739	44.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.06%
24) Chloroform-d	4.37	84	84580	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.06	65	45744	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.07	84	151441	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.10	67	41103	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.34	98	141461	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	17040	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
48) 2-Hexanone-d5	8.12	63	48180	37.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.66%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28244	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	55429	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

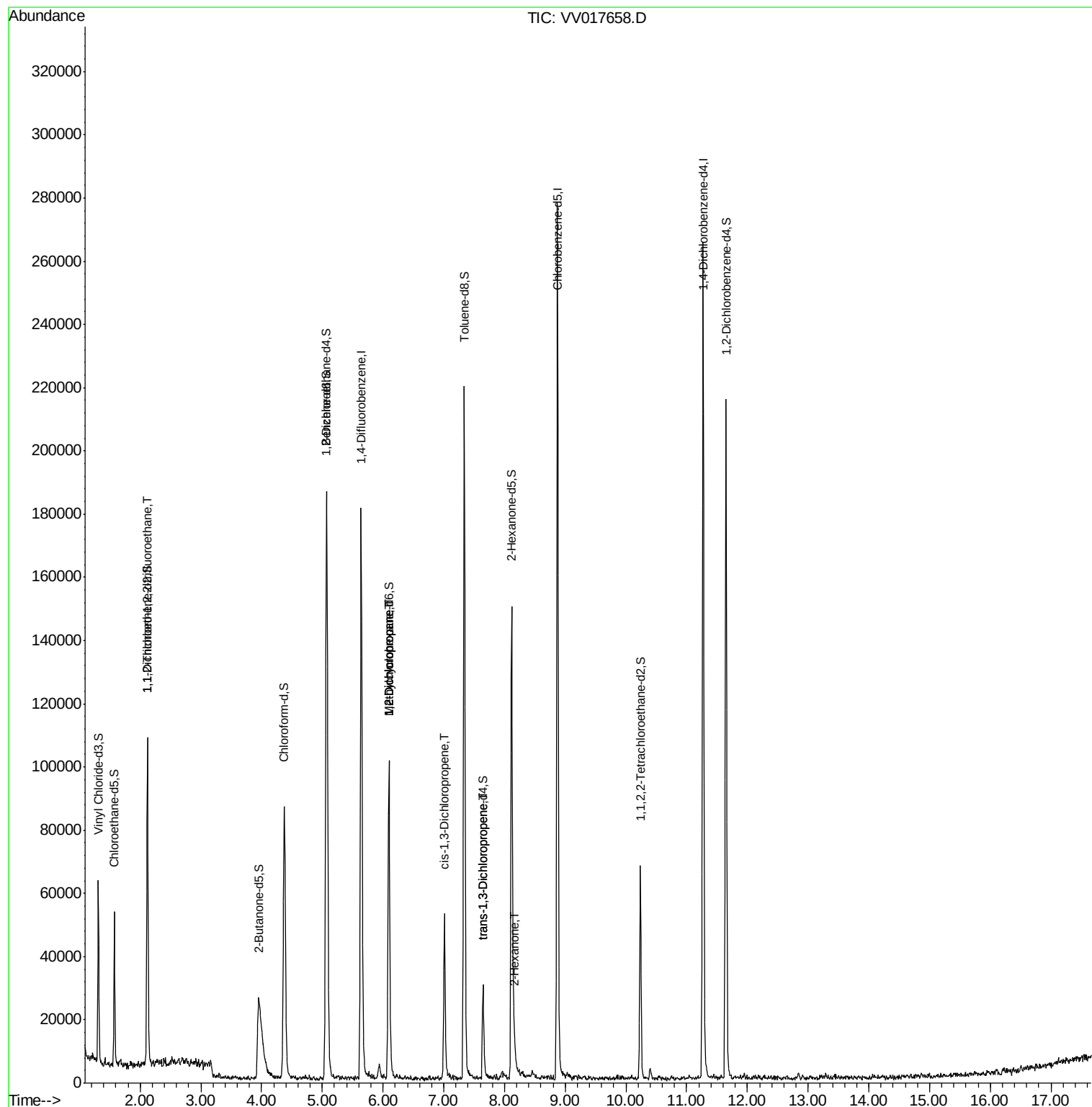
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	631	0.071	ug/L # 31
35) Methylcyclohexane	6.10	83	12581	0.711	ug/L # 18
37) 1,2-Dichloropropane	6.09	63	5375	0.546	ug/L # 84
39) cis-1,3-Dichloropropene	7.01	75	1378	0.093	ug/L # 42
46) trans-1,3-Dichloropropene	7.65	75	987	0.074	ug/L # 98
50) 2-Hexanone	8.17	43	3768	0.986	ug/L # 73

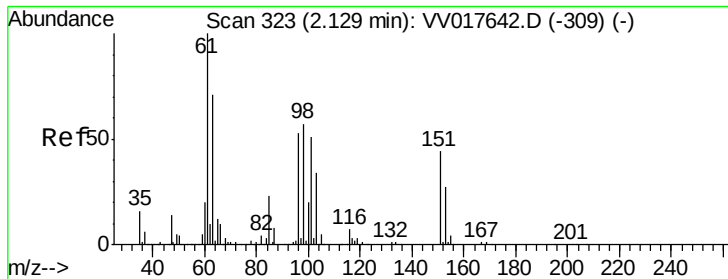
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 25 00:05:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.071 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017658.D

Acq: 24 Jul 2020 20:36

Instrument :

MSVOA_V

ClientSampled :

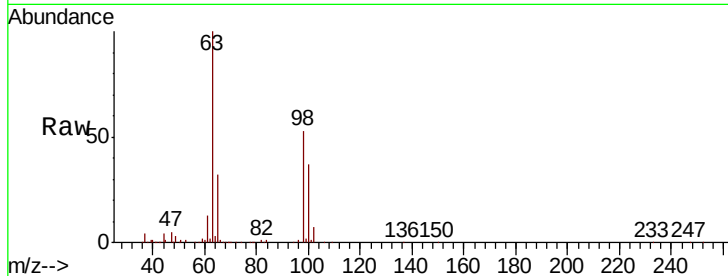
Tot Ion:101 Resp: 631

Ion Ratio Lower Upper

101 100

85 24.6 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

2.12

400

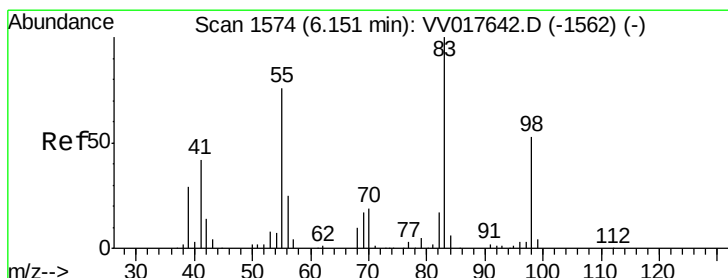
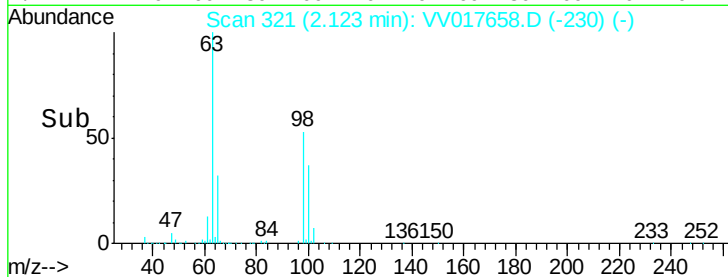
300

200

100

0

Time--> 2.08 2.10 2.12 2.14



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017658.D

Acq: 24 Jul 2020 20:36

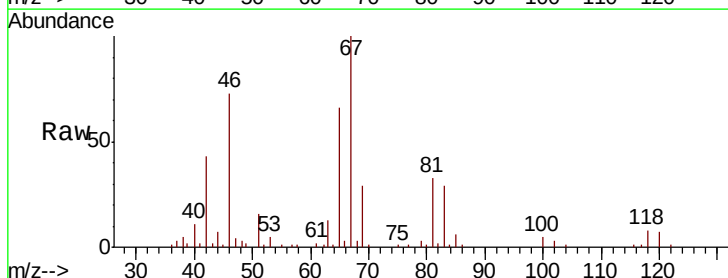
Tgt Ion: 83 Resp: 12581

Ion Ratio Lower Upper

83 100

55 0.4 61.8 92.8#

98 0.0 39.0 58.6#



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

6.10

8000

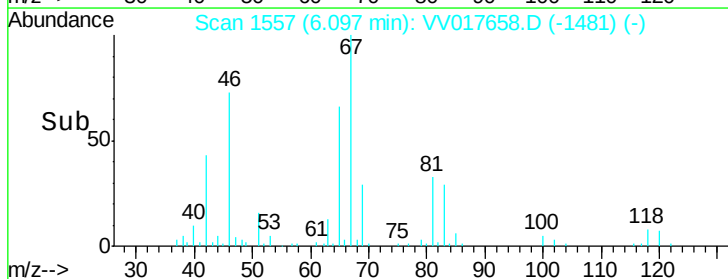
6000

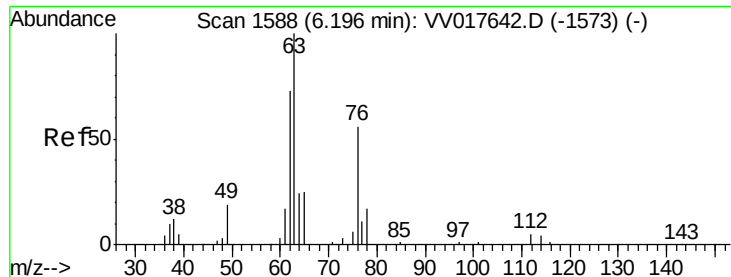
4000

2000

0

Time--> 6.00 6.05 6.10 6.15 6.20

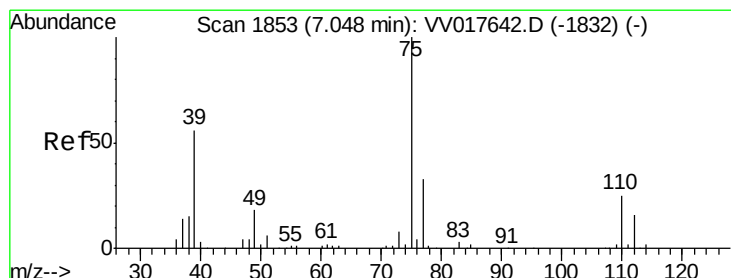
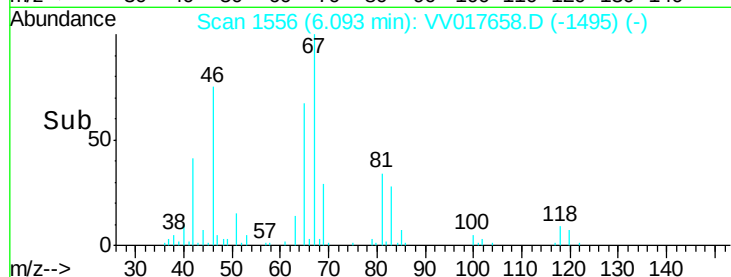
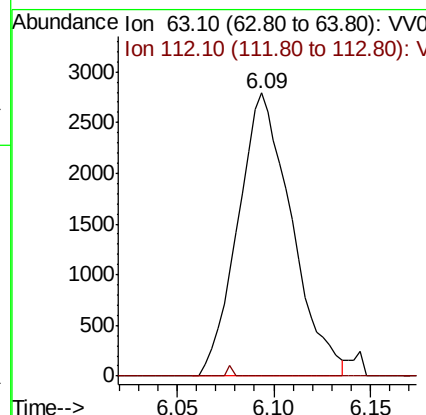
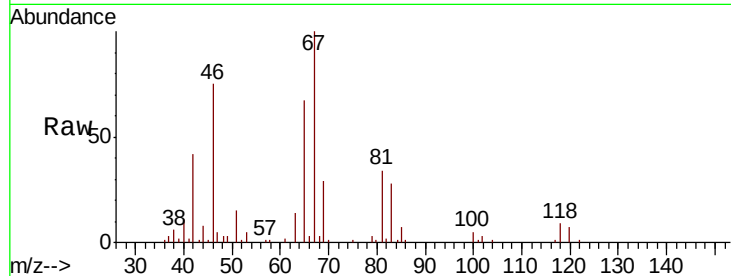




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV017658.D
 Acq: 24 Jul 2020 20:36

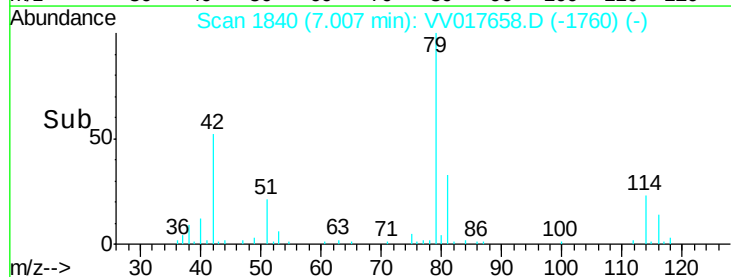
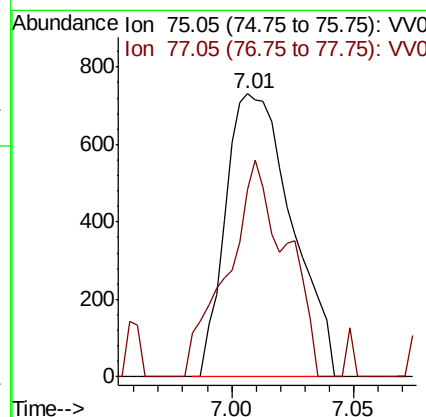
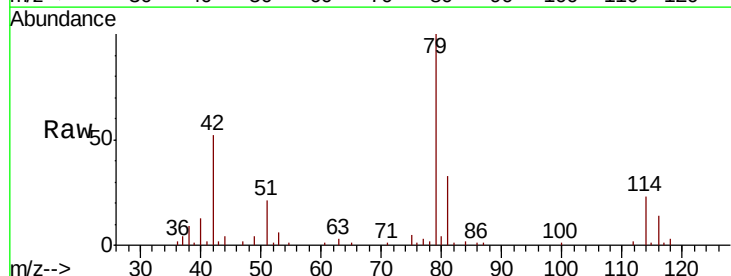
Instrument :
 MSVOA_V
 ClientSampleId :

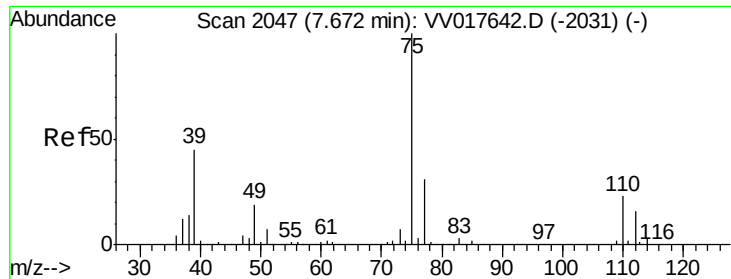
Tot Ion: 63 Resp: 5375
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV017658.D
 Acq: 24 Jul 2020 20:36

Tgt Ion: 75 Resp: 1378
 Ion Ratio Lower Upper
 75 100
 77 66.2 23.2 43.2#

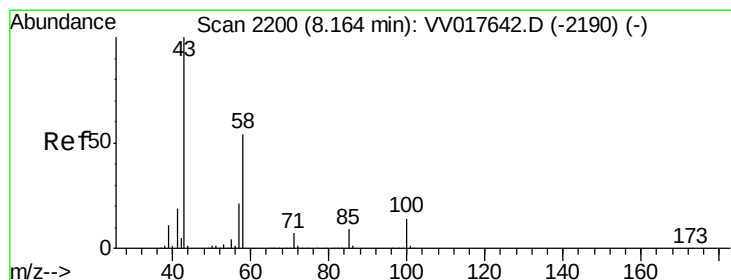
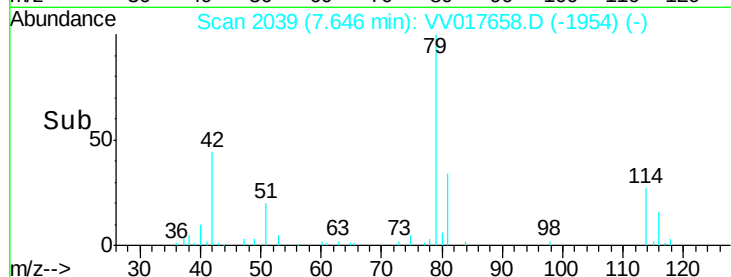
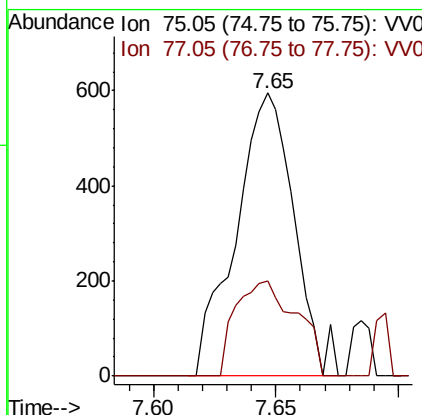
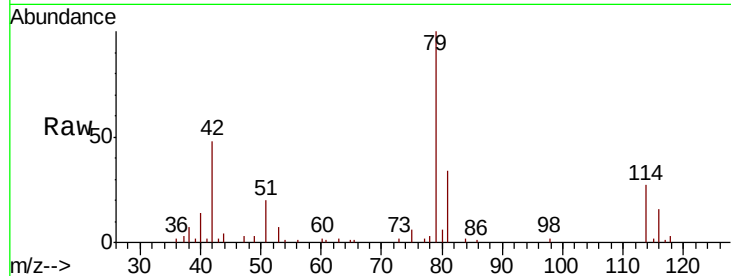




#46
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017658.D
Acq: 24 Jul 2020 20:36

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 987
Ion Ratio Lower Upper
75 100
77 33.4 22.5 41.7



#50
2-Hexanone
Concen: 0.986 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017658.D
Acq: 24 Jul 2020 20:36

Tgt Ion: 43 Resp: 3768
Ion Ratio Lower Upper
43 100
58 28.5 41.6 62.4#
57 22.7 15.4 23.0
100 2.8 11.2 16.8#

