

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062520\
 Data File : VV017171.D
 Acq On : 26 Jun 2020 10:23
 Operator : SY/MD
 Sample : L3106-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jun 26 13:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 12:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160550	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	157769	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	41734	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	33465	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.12	63	63925	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.96	46	98704	40.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.38%
24) Chloroform-d	4.38	84	100324	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.06	65	55596	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.07	84	186267	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.10	67	55104	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.34	98	162854	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.64	79	21279	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.12	63	78544	40.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.78%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38259	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	64746	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

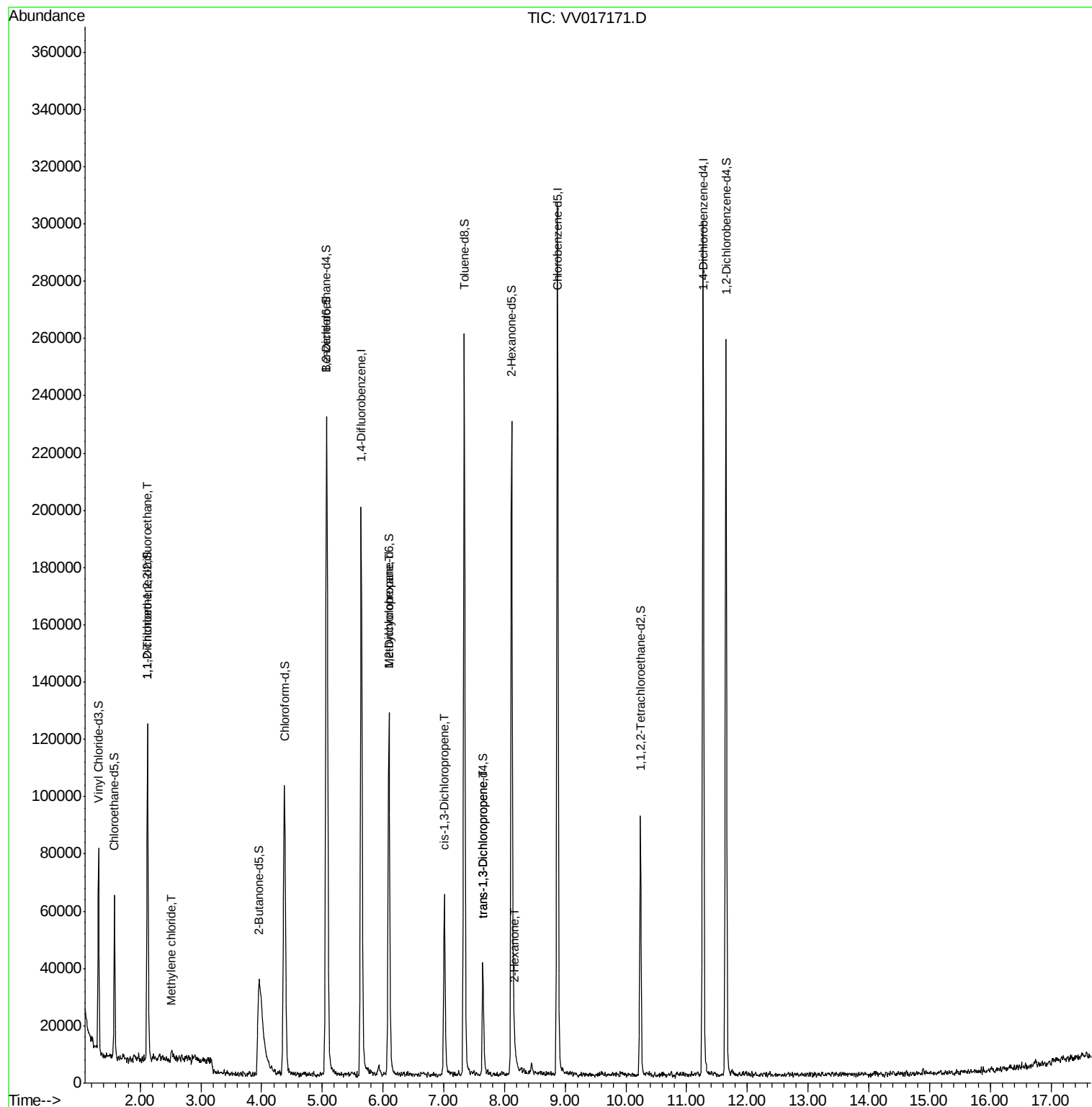
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	708	0.083 ug/L #	23
16) Methylene chloride	2.52	84	1324	0.160 ug/L	75
35) Methylcyclohexane	6.10	83	14818	0.788 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	1871	0.123 ug/L	85
46) trans-1,3-Dichloropropene	7.65	75	1150	0.087 ug/L #	79
50) 2-Hexanone	8.17	43	2270	0.540 ug/L #	86

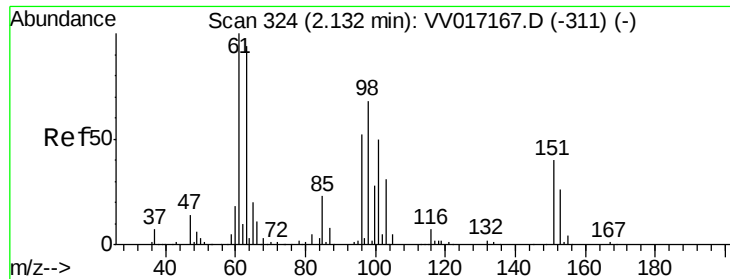
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.083 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV017171.D

Acq: 26 Jun 2020 10:23

Instrument :

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ClientSampleId :

VHBLK01

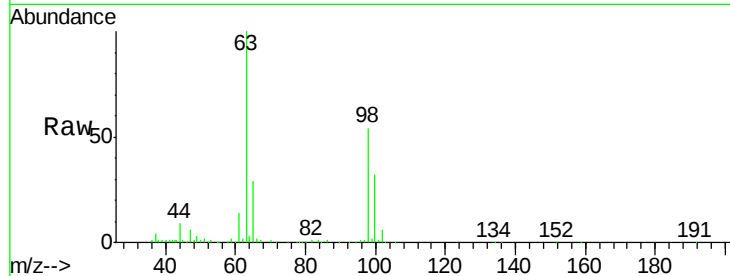
Tgt Ion:101 Resp: 708

Ion Ratio Lower Upper

101 100

85 10.2 35.4 53.2#

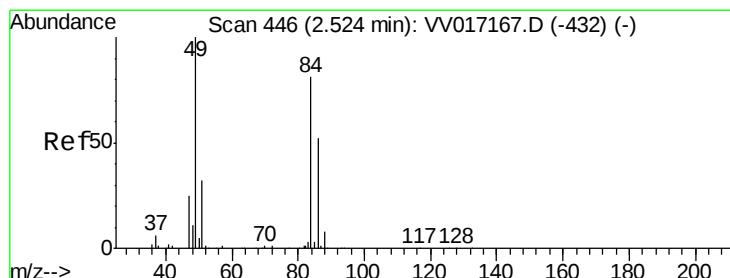
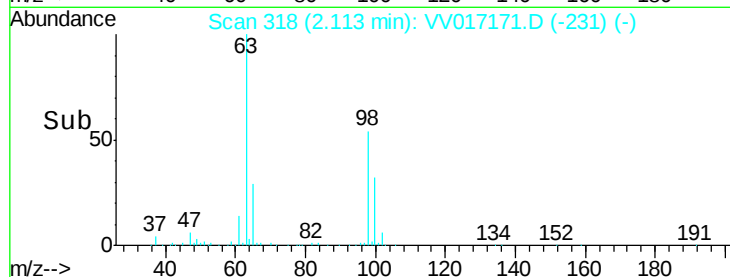
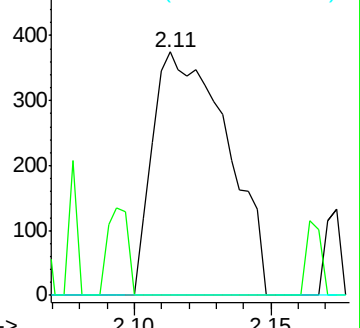
151 0.0 63.9 95.9#



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



#16

Methylene chloride

Concen: 0.160 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017171.D

Acq: 26 Jun 2020 10:23

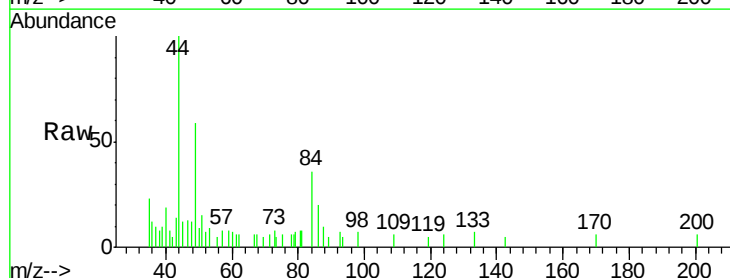
Tgt Ion: 84 Resp: 1324

Ion Ratio Lower Upper

84 100

86 55.8 45.8 85.0

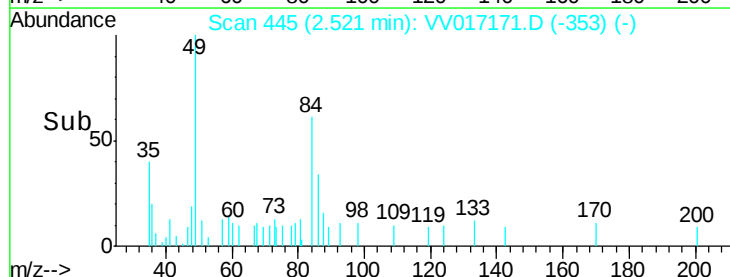
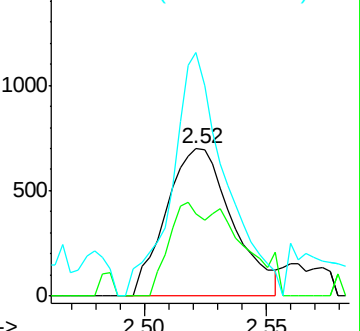
49 165.2 89.6 166.4

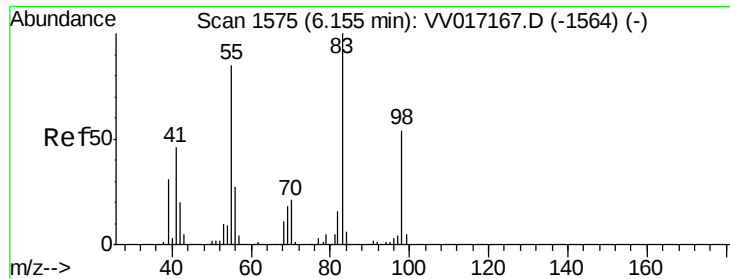


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

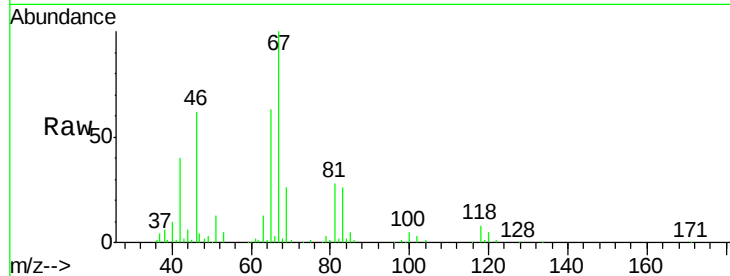




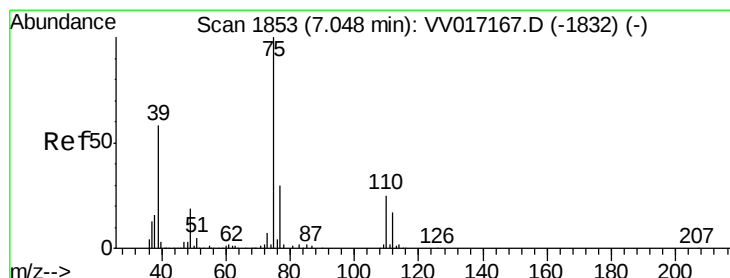
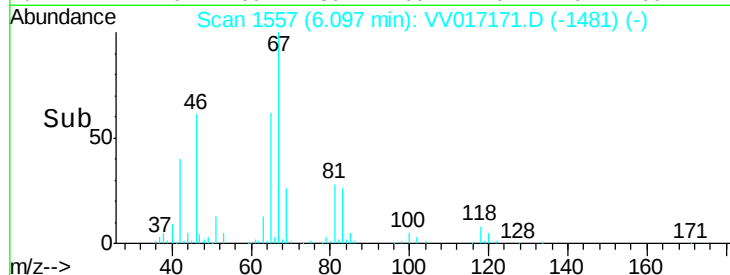
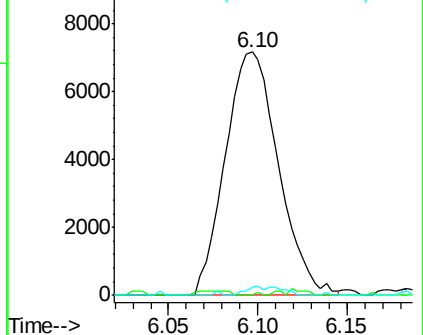
#35
Methylcyclohexane
Concen: 0.788 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
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Tgt Ion: 83 Resp: 14818
Ion Ratio Lower Upper
83 100
55 0.1 63.6 95.4#
98 1.2 38.8 58.2#

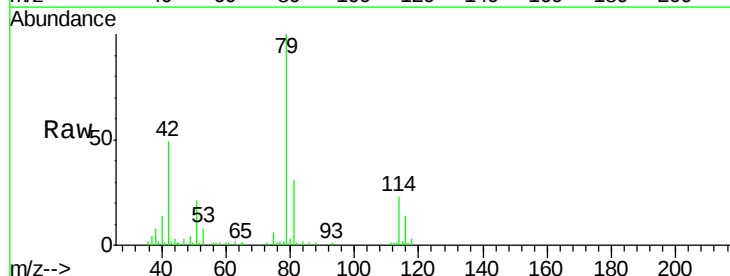


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

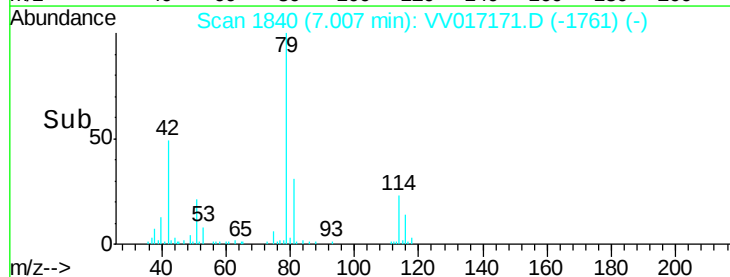
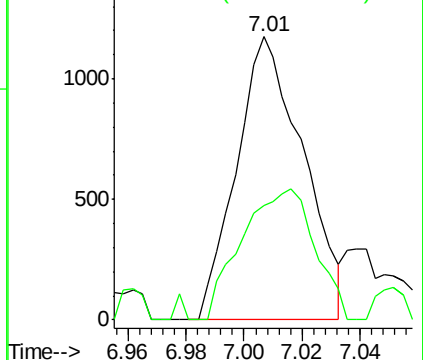


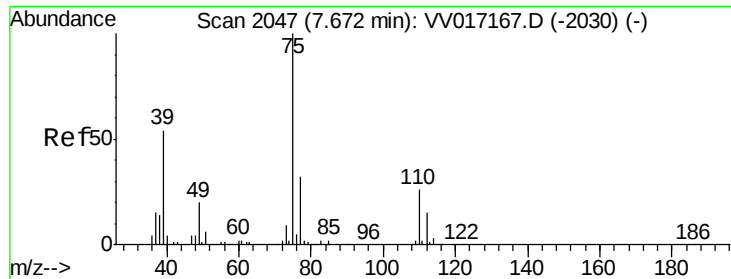
#39
cis-1,3-Dichloropropene
Concen: 0.123 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV017171.D
Acq: 26 Jun 2020 10:23

Tgt Ion: 75 Resp: 1871
Ion Ratio Lower Upper
75 100
77 40.3 22.3 41.5



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

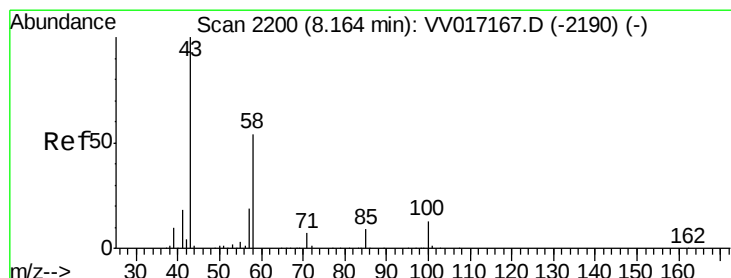
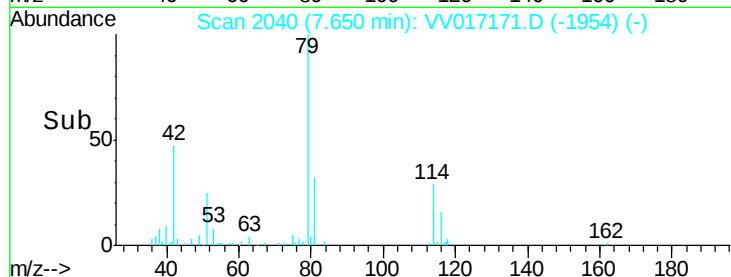
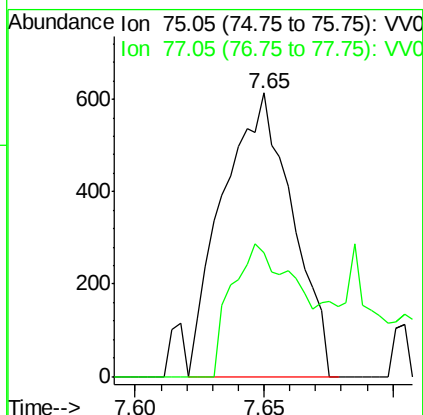
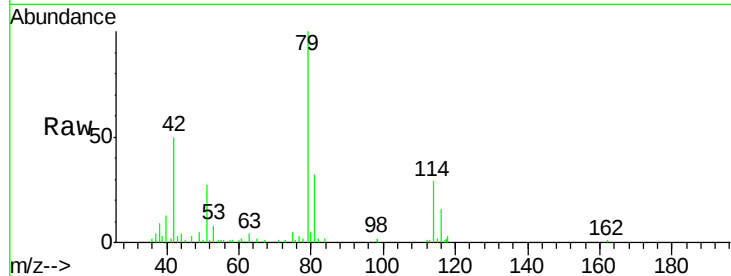




#46
trans-1,3-Dichloropropene
Concen: 0.087 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV017171.D
Acq: 26 Jun 2020 10:23

Instrument :
MSVOA_V
ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1150
Ion Ratio Lower Upper
75 100
77 43.6 22.3 41.3#



#50
2-Hexanone
Concen: 0.540 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV017171.D
Acq: 26 Jun 2020 10:23

Tgt Ion: 43 Resp: 2270
Ion Ratio Lower Upper
43 100
58 45.3 41.6 62.4
57 9.5 15.4 23.0#
100 3.3 10.1 15.1#

