

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072320\
 Data File : VV017639.D
 Acq On : 24 Jul 2020 09:51
 Operator : SY/MD
 Sample : L3398-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK01

Quant Time: Jul 24 12:22:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 24 12:19:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	160821	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	158720	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74022	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37127	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.58	69	29422	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.12	63	62231	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.96	46	84197	45.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.66%
24) Chloroform-d	4.37	84	95218	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.06	65	51283	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.07	84	165573	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.09	67	45183	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	148686	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloropropene-	7.65	79	19580	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
48) 2-Hexanone-d5	8.12	63	57232	41.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31558	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	61851	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

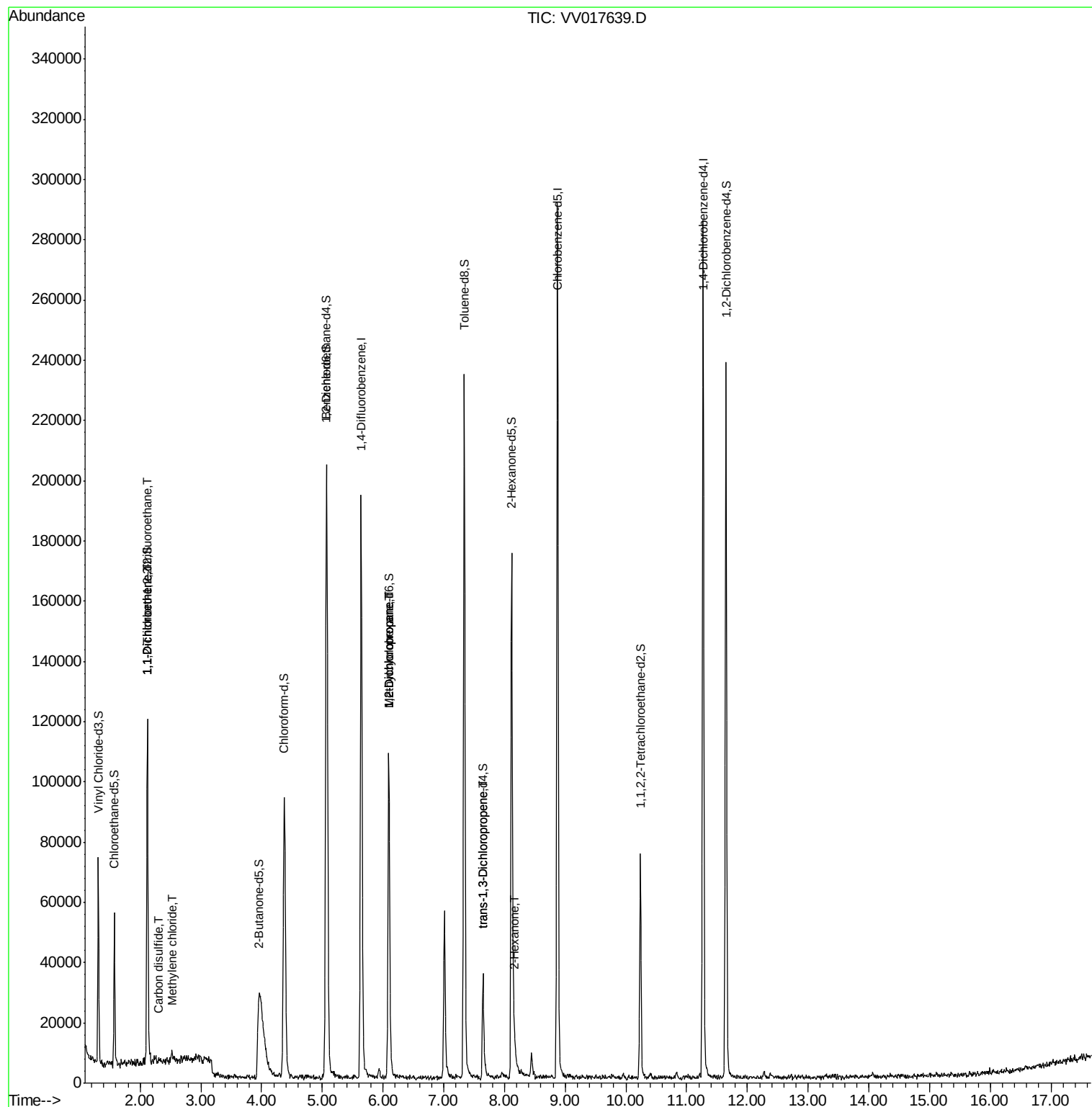
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	809	0.084 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	656	0.076 ug/L #	1
14) Carbon disulfide	2.31	76	1201	0.046 ug/L #	1
16) Methylene chloride	2.52	84	1389	0.144 ug/L	85
35) Methylcyclohexane	6.09	83	12895	0.679 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	6685	0.633 ug/L #	85
46) trans-1,3-Dichloropropene	7.64	75	1145	0.080 ug/L	95
50) 2-Hexanone	8.16	43	4623	1.129 ug/L #	85

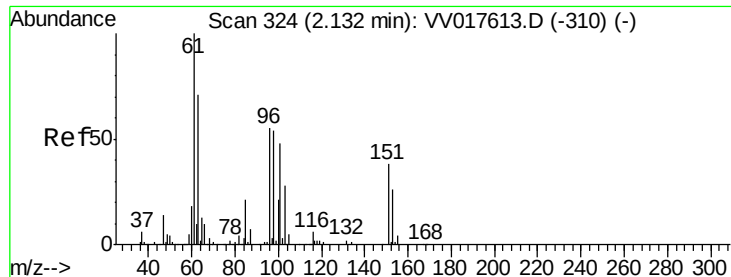
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 24 12:19:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

VHBLK01

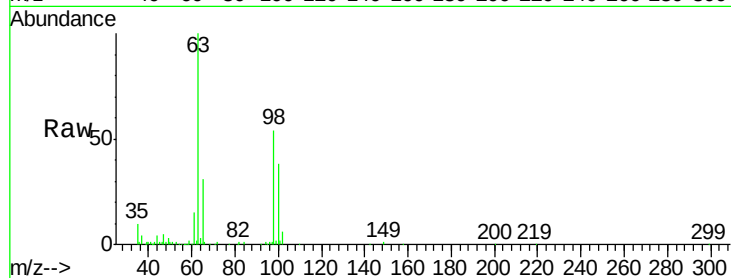
Tgt Ion: 101 Resp: 809

Ion Ratio Lower Upper

101 100

85 5.2 34.6 51.8#

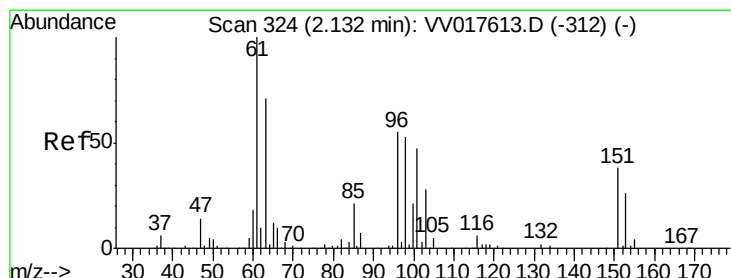
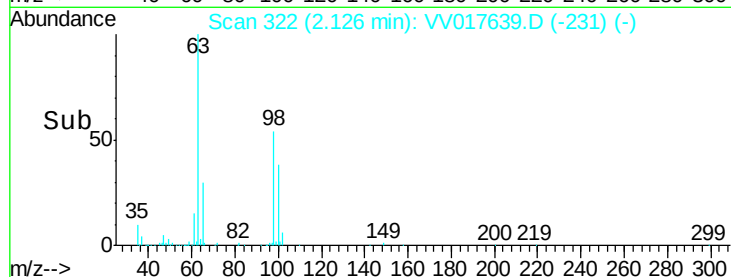
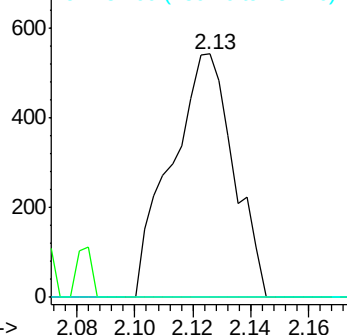
151 0.0 63.5 95.3#



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: 0.076 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017639.D

Acq: 24 Jul 2020 09:51

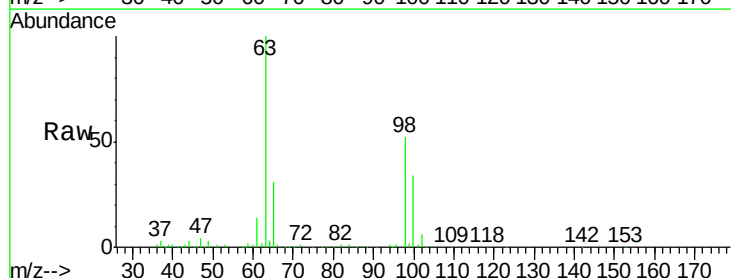
Tgt Ion: 96 Resp: 656

Ion Ratio Lower Upper

96 100

61 1651.4 123.1 228.7#

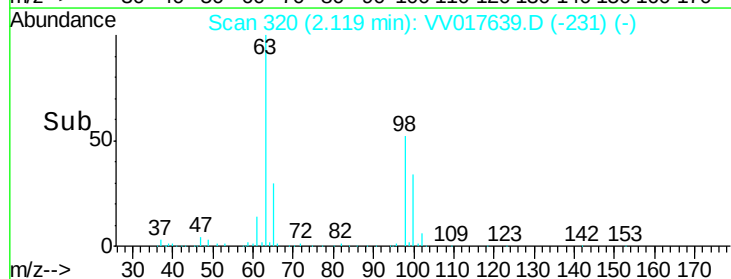
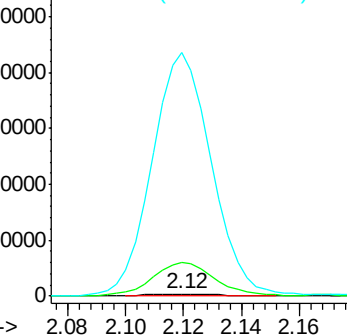
63 11908.2 91.2 169.4#

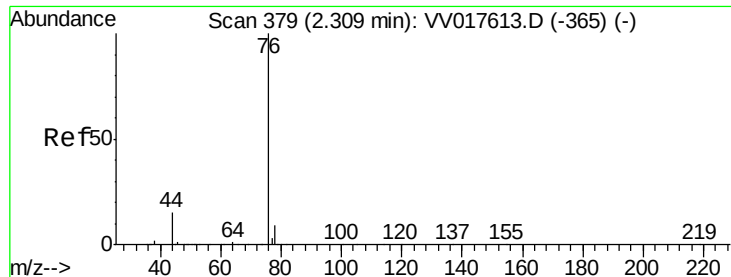


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.046 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017639.D

Acq: 24 Jul 2020 09:51

Instrument :

MSVOA_V

ClientSampled :

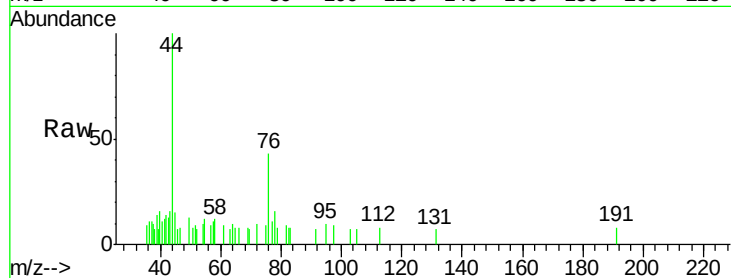
VHBLK01

Tgt Ion: 76 Resp: 1201

Ion Ratio Lower Upper

76 100

78 56.5 6.6 10.0#

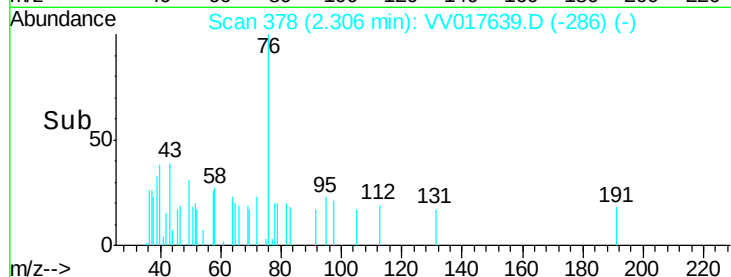


Abundance Ion 76.05 (75.75 to 76.75): VV017613.D (-365) (-)

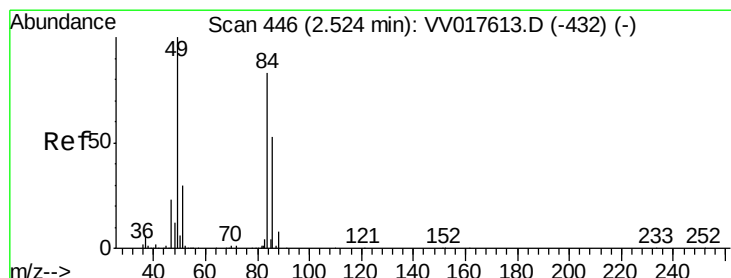
Ion 78.00 (77.70 to 78.70): VV017613.D (-365) (-)

2.31

Time-->



Time-->



#16

Methylene chloride

Concen: 0.144 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV017639.D

Acq: 24 Jul 2020 09:51

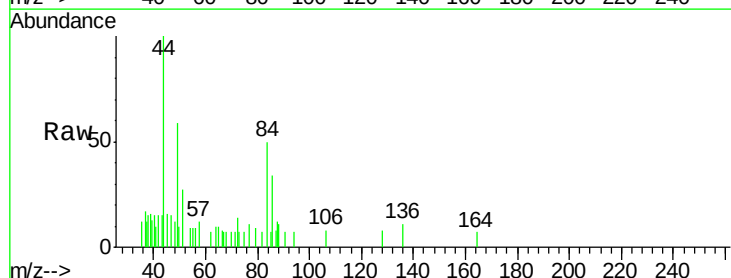
Tgt Ion: 84 Resp: 1389

Ion Ratio Lower Upper

84 100

86 68.5 46.5 86.3

49 136.9 79.2 147.2



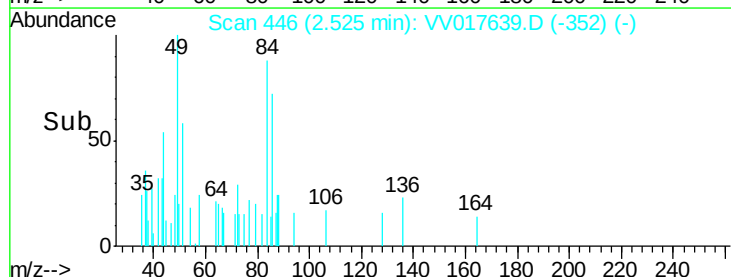
Abundance Ion 84.05 (83.75 to 84.75): VV017613.D (-432) (-)

Ion 86.00 (85.70 to 86.70): VV017613.D (-432) (-)

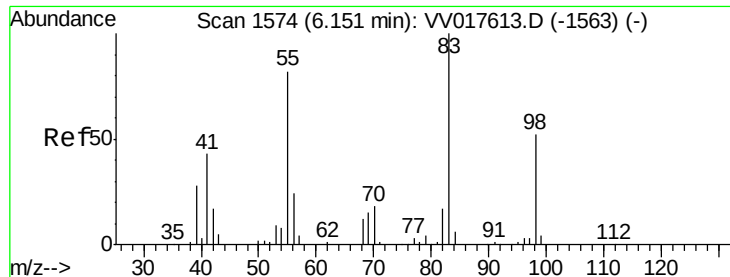
Ion 49.10 (48.80 to 49.80): VV017613.D (-432) (-)

2.52

Time-->



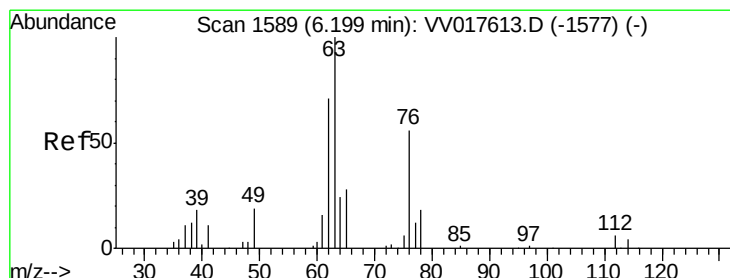
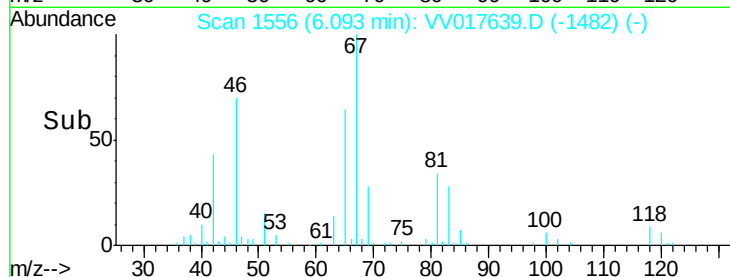
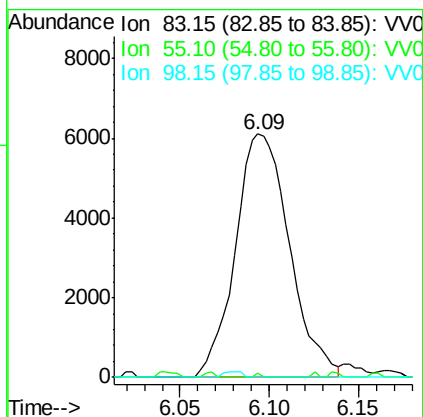
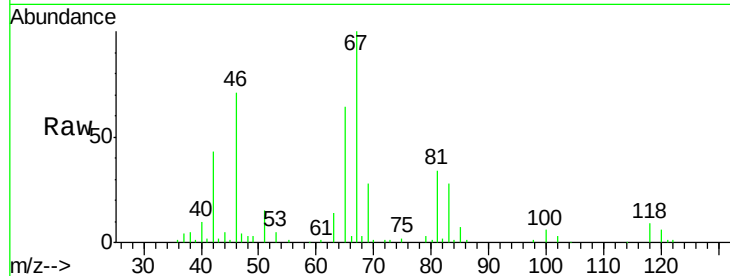
Time-->



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017639.D
Acq: 24 Jul 2020 09:51

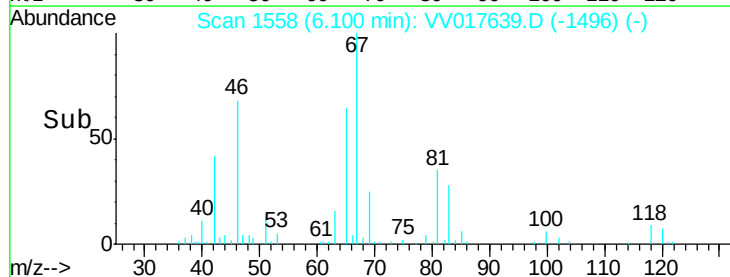
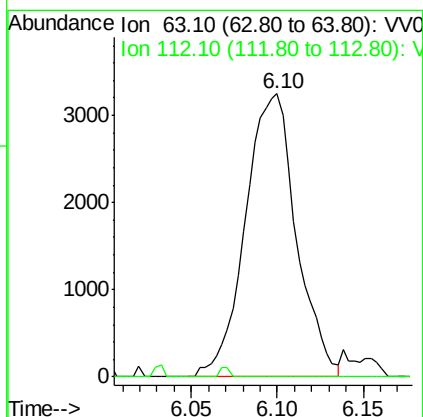
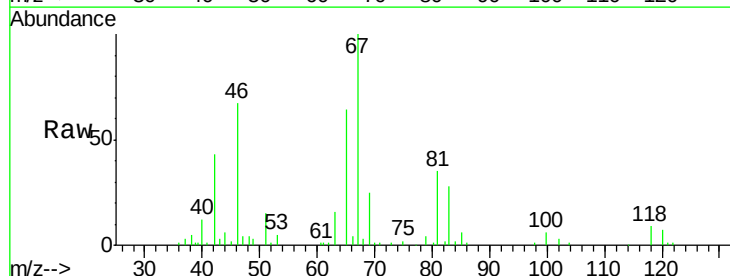
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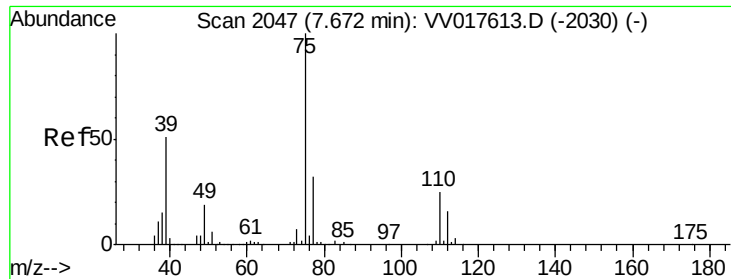
Tgt Ion: 83 Resp: 12895
Ion Ratio Lower Upper
83 100
55 0.2 61.8 92.8#
98 0.8 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.10 min Scan# 1558
Delta R.T. -0.10 min
Lab File: VV017639.D
Acq: 24 Jul 2020 09:51

Tgt Ion: 63 Resp: 6685
Ion Ratio Lower Upper
63 100
112 0.6 4.5 6.7#

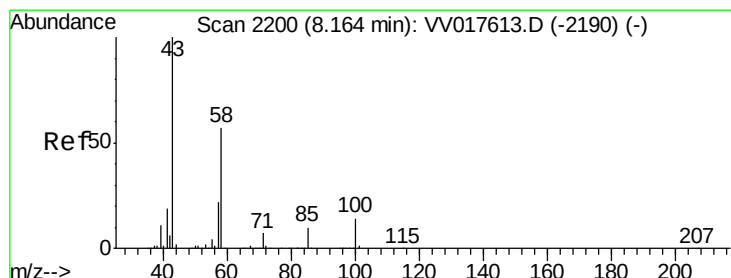
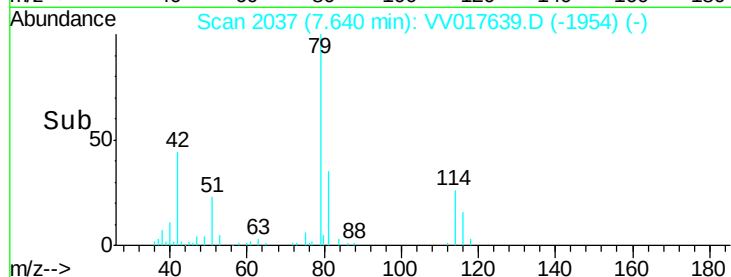
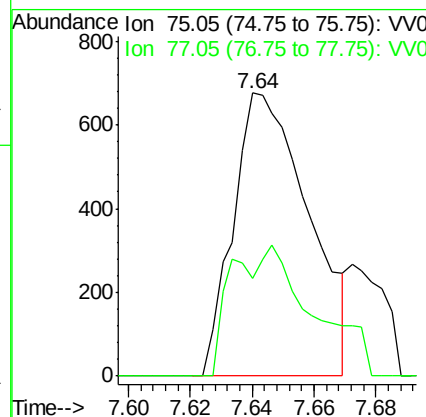
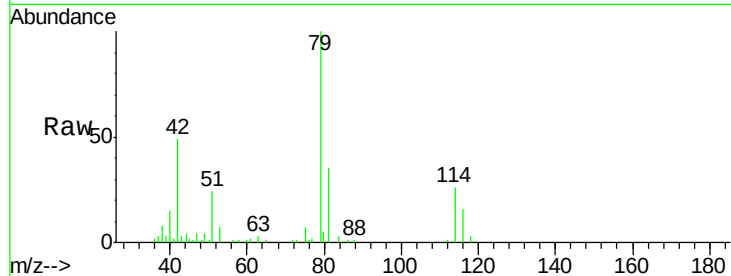




#46
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV017639.D
Acq: 24 Jul 2020 09:51

Instrument :
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ClientSampleId :
VHBLK01

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 34.6 22.5 41.7



#50
2-Hexanone
Concen: 1.129 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.00 min
Lab File: VV017639.D
Acq: 24 Jul 2020 09:51

Tgt Ion: 43 Resp: 4623
Ion Ratio Lower Upper
43 100
58 39.6 41.6 62.4#
57 16.3 15.4 23.0
100 7.2 11.2 16.8#

