

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053120\
 Data File : VV016379.D
 Acq On : 31 May 2020 11:26
 Operator : SY/MD
 Sample : VIBLK45
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 07:17:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 07:14:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	78787	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	74472	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	31941	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28076	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	21899	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.60%
11) 1,1-Dichloroethene-d2	2.12	63	40108	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.97	46	48889	32.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.70%
24) Chloroform-d	4.38	84	53009	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.06	65	30419	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.07	84	105661	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.10	67	32328	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.34	98	89704	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
45) trans-1,3-Dichloropropene-	7.65	79	10641	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
48) 2-Hexanone-d5	8.12	63	56209	51.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22294	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	30608	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

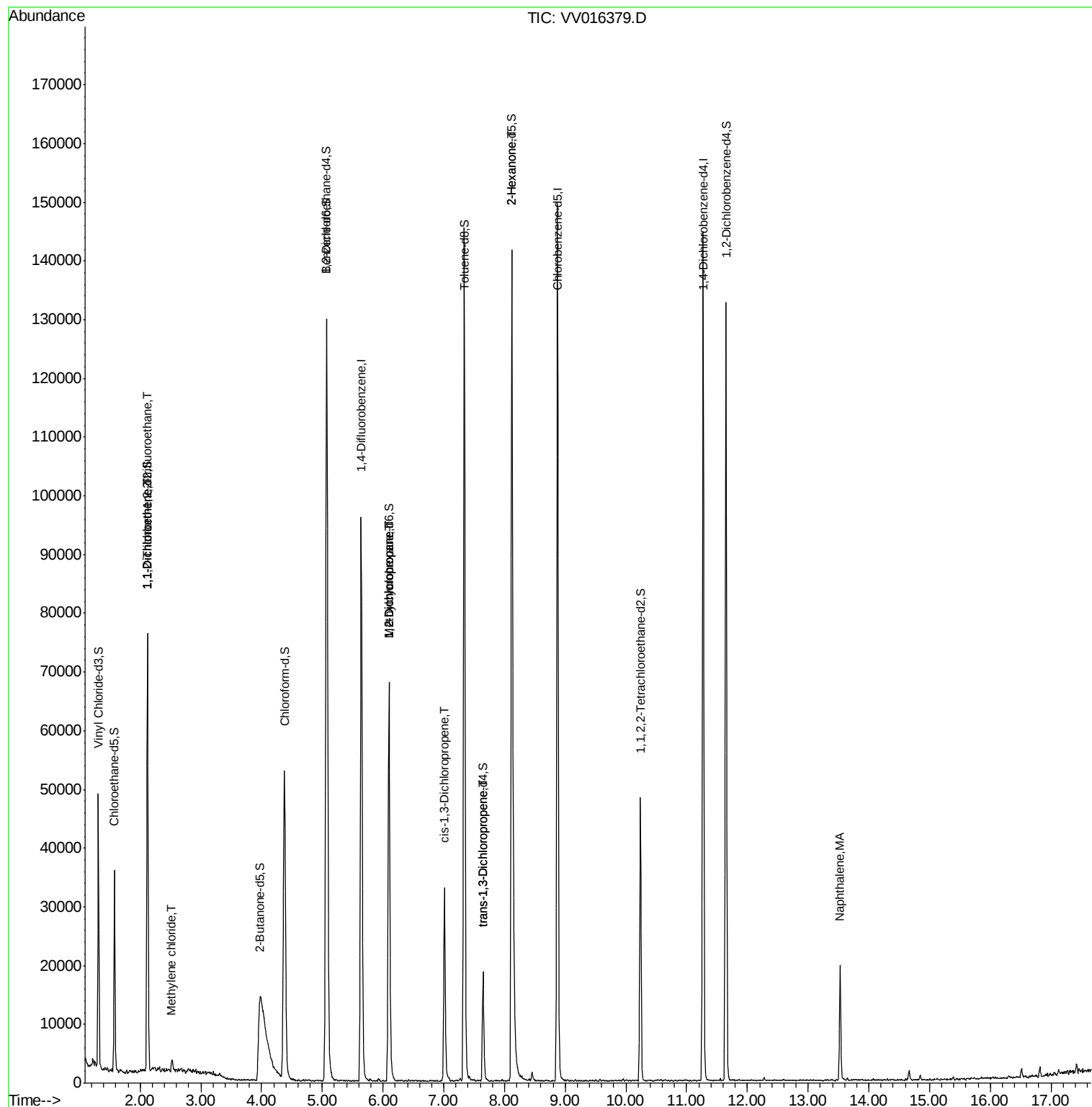
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	412	0.077 ug/L #	21
12) 1,1-Dichloroethene	2.12	96	448	0.088 ug/L #	1
16) Methylene chloride	2.52	84	700	0.129 ug/L	98
35) Methylcyclohexane	6.10	83	7963	0.855 ug/L #	15
37) 1,2-Dichloropropane	6.09	63	3676	0.659 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	894	0.121 ug/L #	50
46) trans-1,3-Dichloropropene	7.65	75	462	0.076 ug/L #	70
50) 2-Hexanone	8.12	43	8364	3.561 ug/L #	71
70) Naphthalene	13.53	128	14780	1.015 ug/L	98

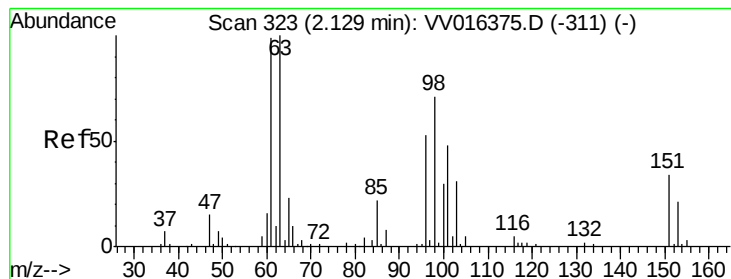
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 01 07:14:30 2020
Response via : Initial Calibration





#10

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

Concen: 0.077 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016379.D

Acq: 31 May 2020 11:26

Instrument :

MSVOA_V

ClientSampleId :

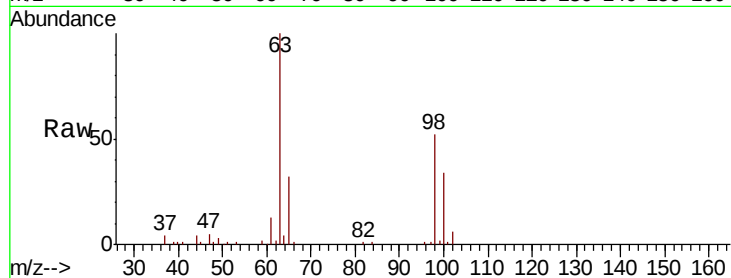
Tot Ion:101 Resp: 412

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

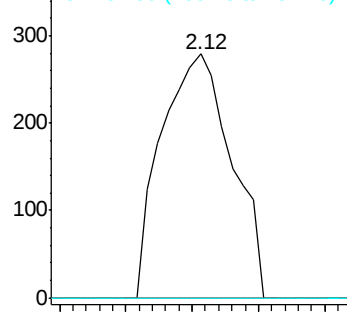
151 0.0 57.2 85.8#



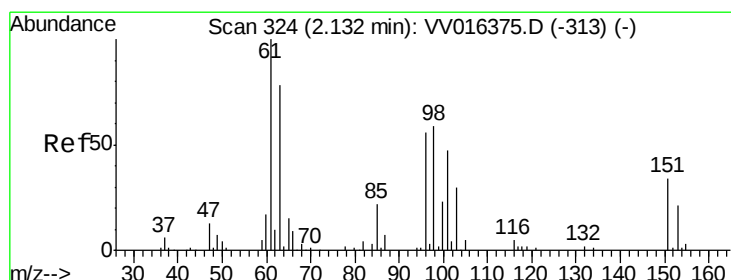
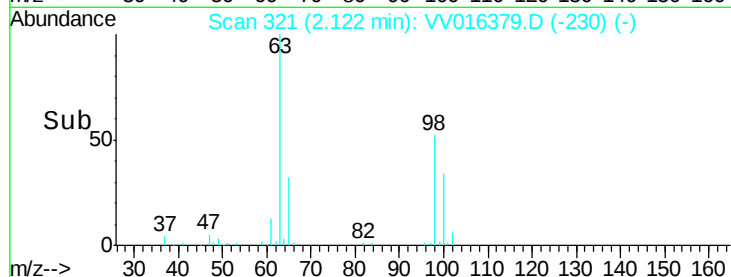
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016379.D

Acq: 31 May 2020 11:26

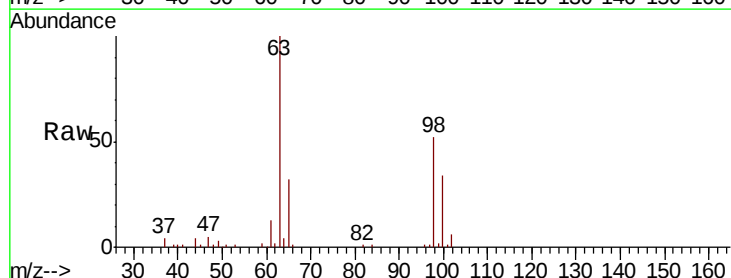
Tgt Ion: 96 Resp: 448

Ion Ratio Lower Upper

96 100

61 1258.0 125.4 233.0#

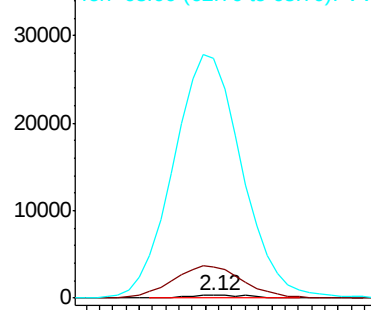
63 9513.9 88.2 163.8#



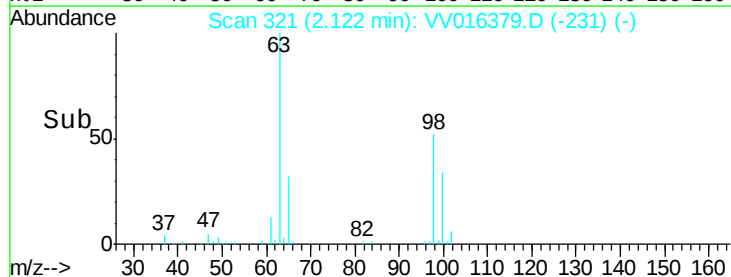
Abundance Ion 96.00 (95.70 to 96.70): VV0

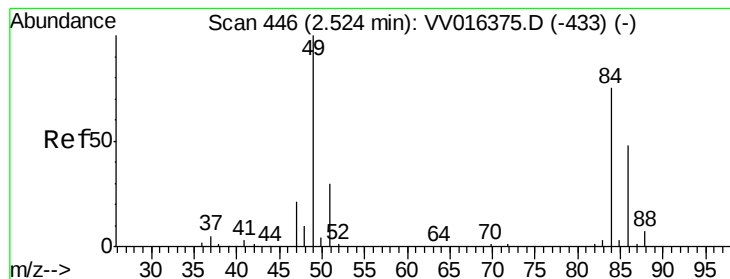
Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



Time-->





#16

Methvlene chloride

Concen: 0.129 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV016379.D

Acq: 31 May 2020 11:26

Instrument :

MSVOA_V

ClientSampleId :

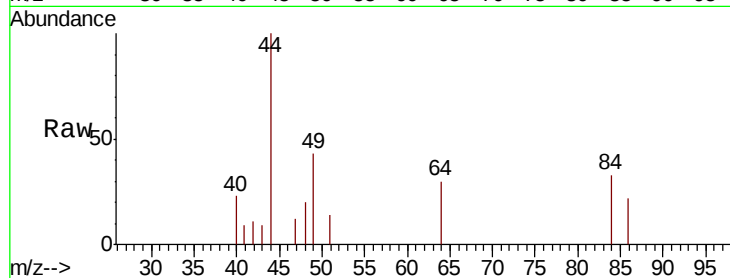
Tot Ion: 84 Resp: 700

Ion Ratio Lower Upper

84 100

86 65.3 44.5 82.7

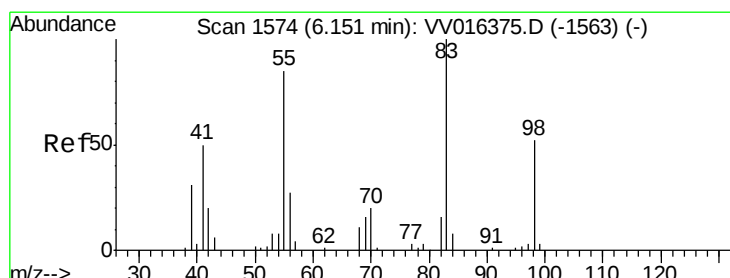
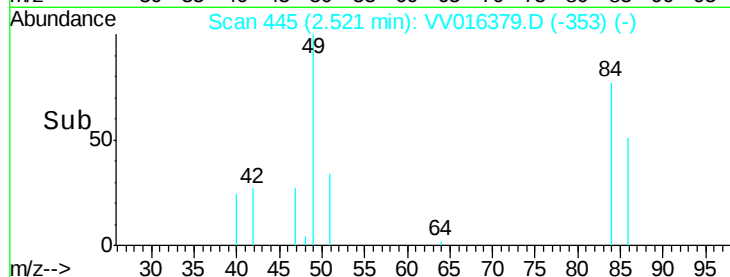
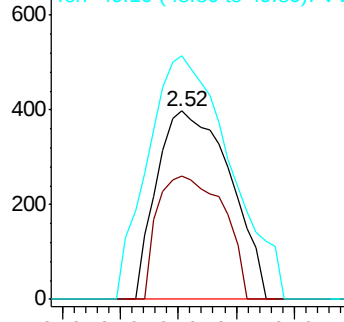
49 129.1 92.3 171.3



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: 0.855 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV016379.D

Acq: 31 May 2020 11:26

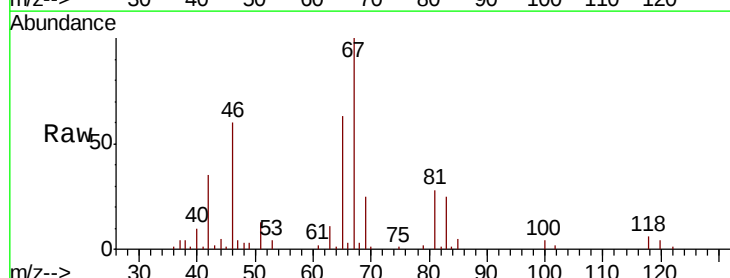
Tgt Ion: 83 Resp: 7963

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

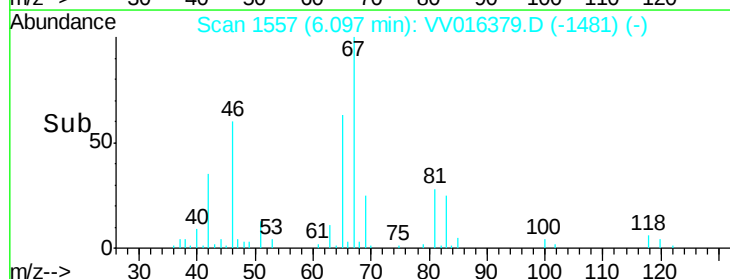
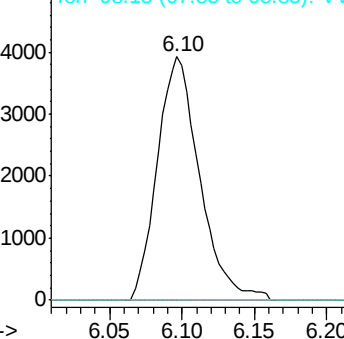
98 0.5 39.0 58.4#

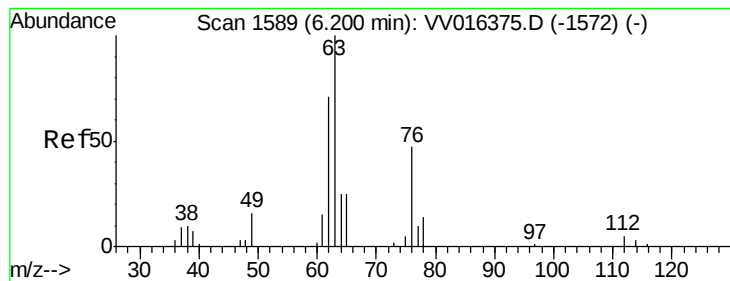


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.659 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.11 min

Lab File: VV016379.D

Acq: 31 May 2020 11:26

Instrument :

MSVOA_V

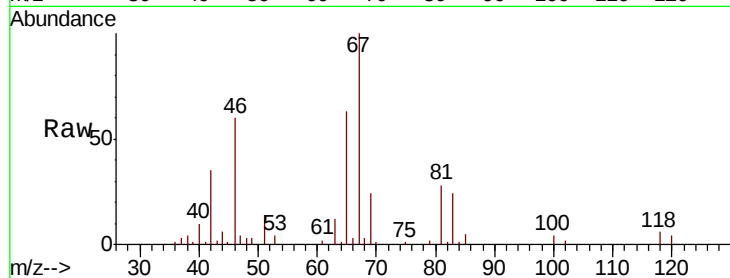
ClientSampleId :

Tot Ion: 63 Resp: 3676

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV016375.D (-1572) (-)

Ion 112.10 (111.80 to 112.80): VV016375.D (-1572) (-)

6.09

1500

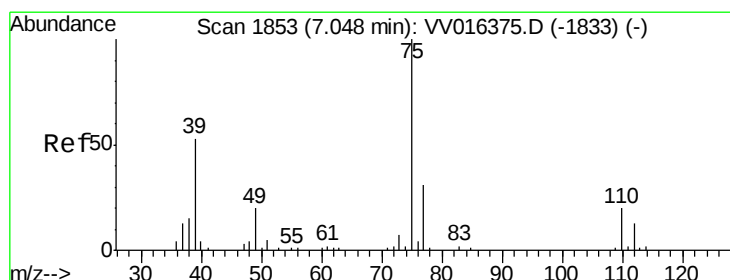
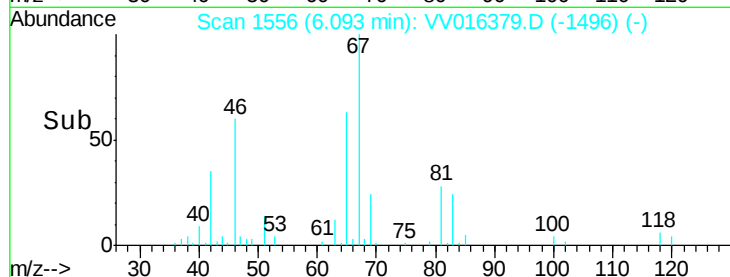
1000

500

0

6.05 6.10 6.15

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016379.D

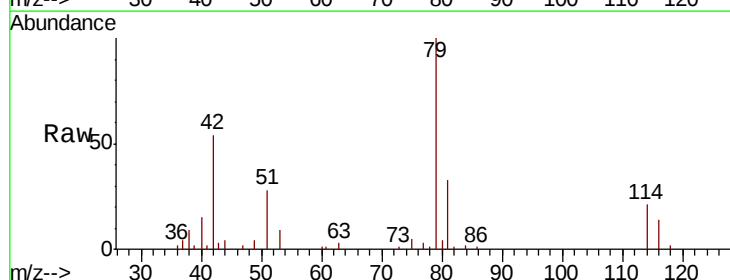
Acq: 31 May 2020 11:26

Tgt Ion: 75 Resp: 894

Ion Ratio Lower Upper

75 100

77 59.3 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV016375.D (-1833) (-)

Ion 77.05 (76.75 to 77.75): VV016375.D (-1833) (-)

7.01

600

500

400

300

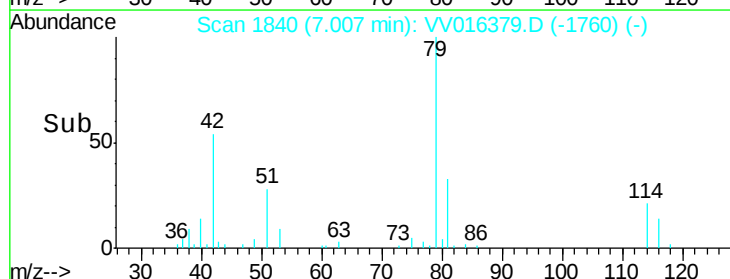
200

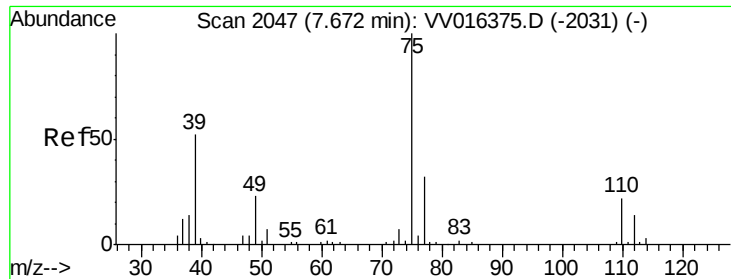
100

0

7.00 7.05

Time-->

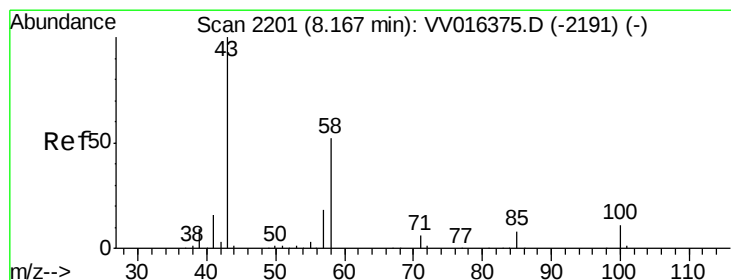
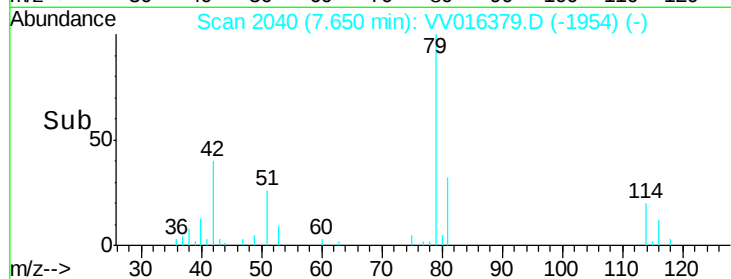
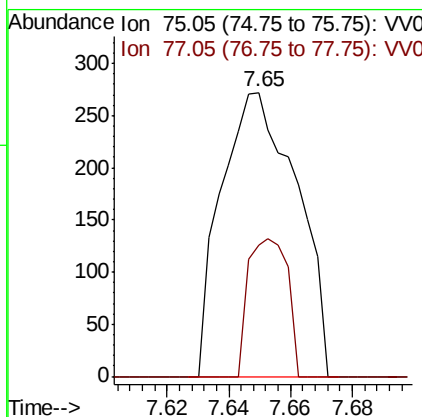
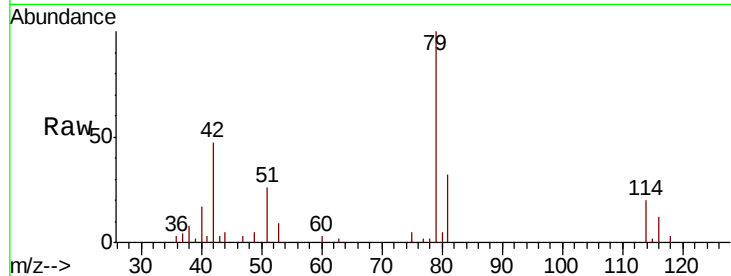




#46
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016379.D
Acq: 31 May 2020 11:26

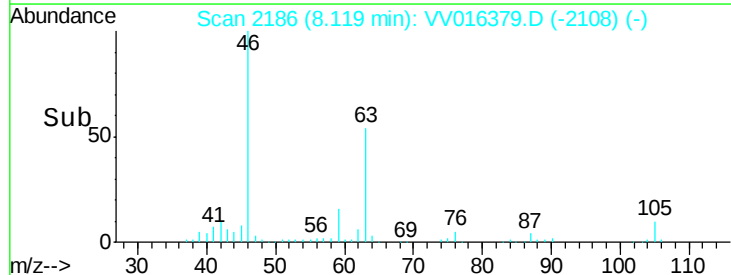
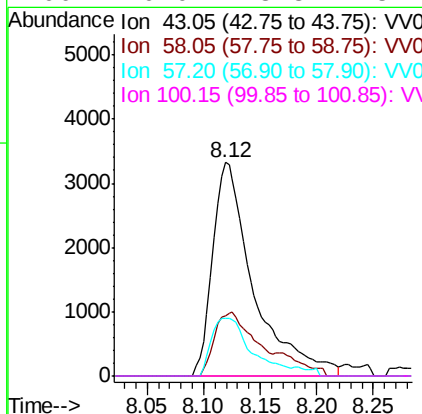
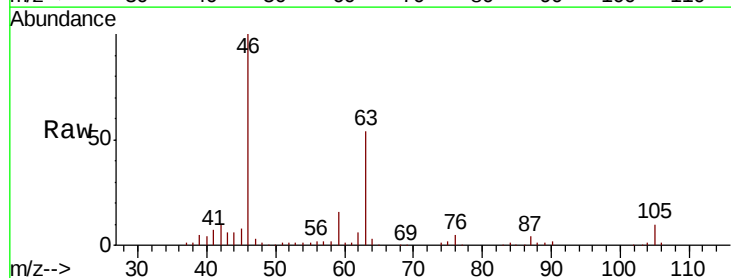
Instrument :
MSVOA_V
ClientSampleId :

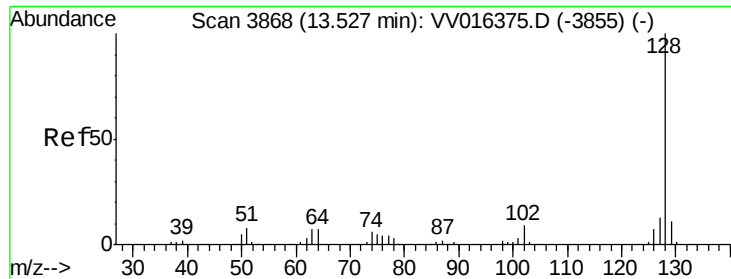
Tot Ion: 75 Resp: 462
Ion Ratio Lower Upper
75 100
77 46.3 21.1 39.3#



#50
2-Hexanone
Concen: 3.561 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016379.D
Acq: 31 May 2020 11:26

Tgt Ion: 43 Resp: 8364
Ion Ratio Lower Upper
43 100
58 28.4 41.1 61.7#
57 26.4 14.2 21.4#
100 0.0 8.8 13.2#





#70

Naphthalene

Concen: 1.015 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

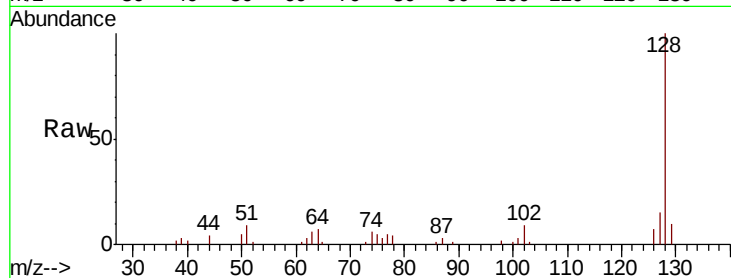
Lab File: VV016379.D

Acq: 31 May 2020 11:26

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:128 Resp: 14780

Ion Ratio Lower Upper

128 100

129 10.3 8.6 12.8

127 14.3 10.7 16.1

