

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016169.D
 Acq On : 22 May 2020 14:09
 Operator : SY/MD
 Sample : VV0522WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:09:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	132599	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	128466	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59369	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41221	5.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.60%
7) Chloroethane-d5	1.58	69	36293	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.12	63	66787	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.40%
20) 2-Butanone-d5	3.96	46	69178	33.71	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.42%
24) Chloroform-d	4.38	84	78635	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.06	65	38119	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.07	84	153050	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.09	67	45736	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	139318	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
45) trans-1,3-Dichloropropene-	7.65	79	14075	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
48) 2-Hexanone-d5	8.12	63	52721	32.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26503	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	46627	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

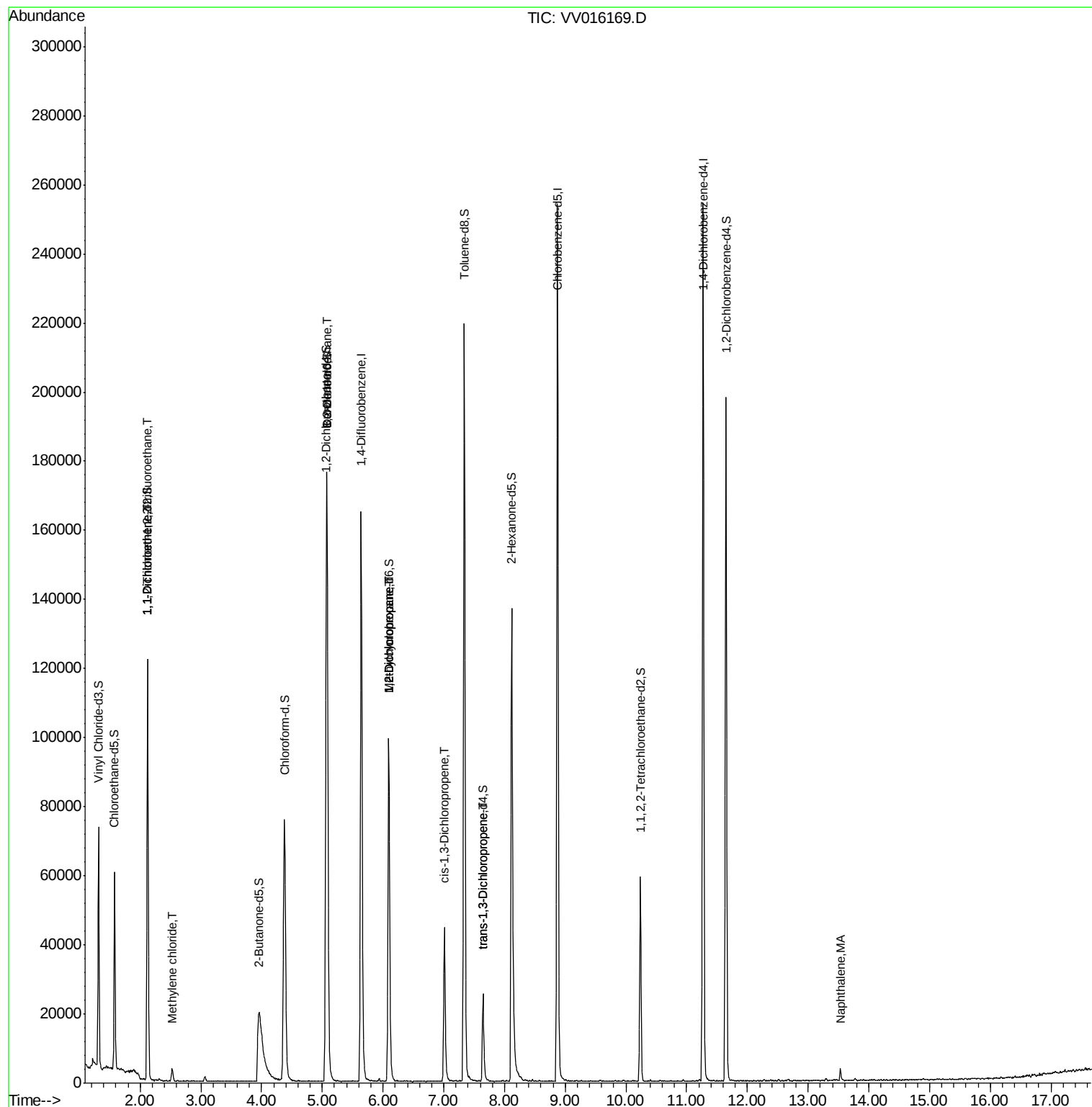
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	545	0.072	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	565	0.077	ug/L #	1
16) Methylene chloride	2.53	84	1615	0.185	ug/L	91
27) 1,2-Dichloroethane	5.08	62	1006	0.096	ug/L #	76
35) Methylcyclohexane	6.09	83	11490	0.823	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5397	0.657	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1281	0.110	ug/L #	64
46) trans-1,3-Dichloropropene	7.65	75	663	0.068	ug/L #	19
70) Naphthalene	13.53	128	2899	0.181	ug/L	98

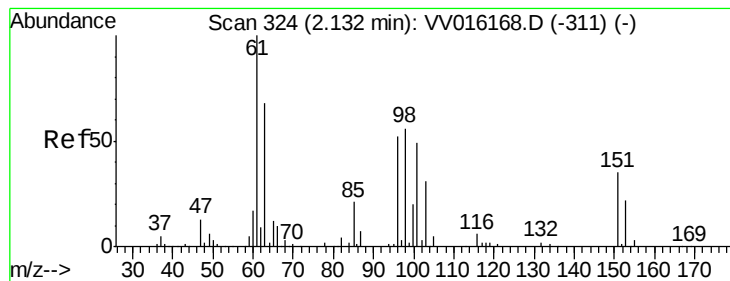
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat May 23 05:08:14 2020
Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016169.D

Acq: 22 May 2020 14:09

Instrument :

MSVOA_V

ClientSampled :

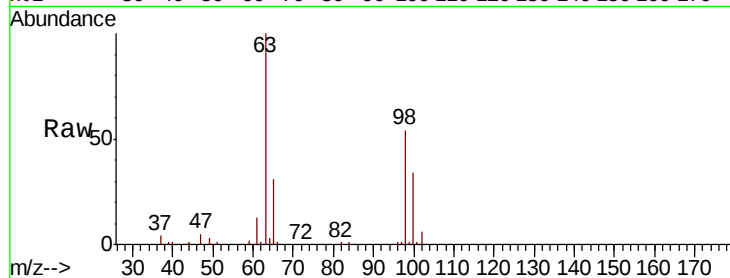
Tot Ion:101 Resp: 545

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

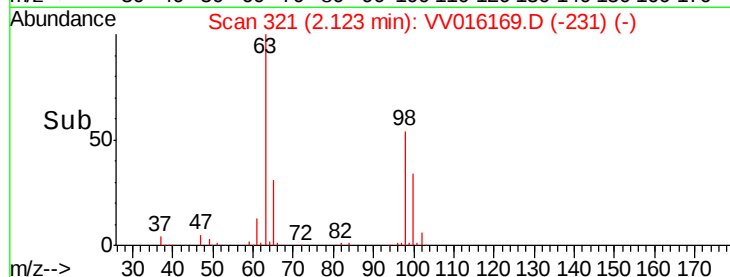
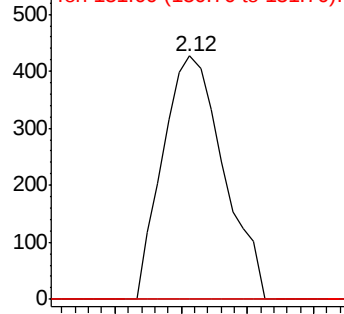
151 0.0 58.0 87.0#



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: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016169.D

Acq: 22 May 2020 14:09

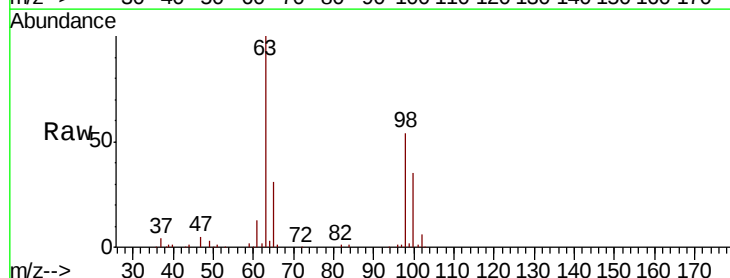
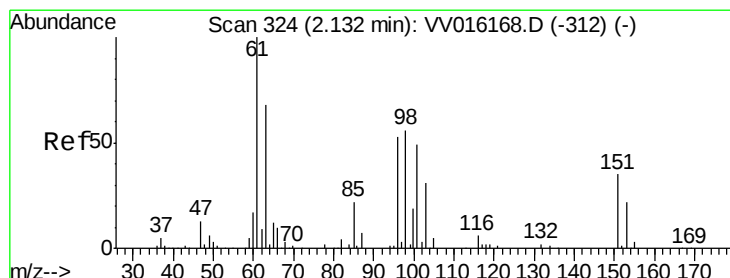
Tgt Ion: 96 Resp: 565

Ion Ratio Lower Upper

96 100

61 1400.0 139.9 259.7#

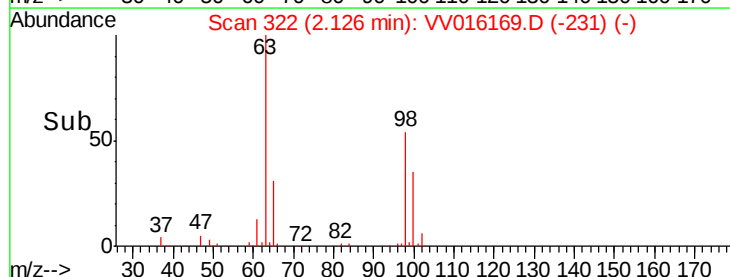
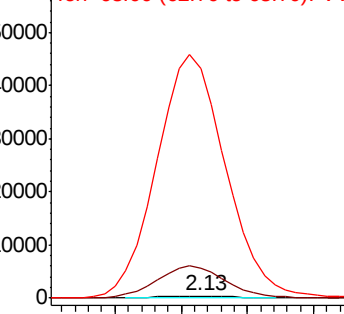
63 10613.7 106.4 197.6#

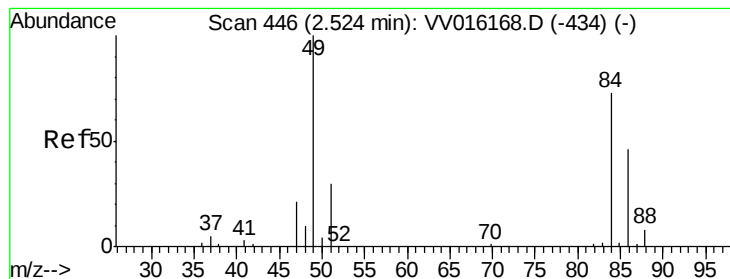


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 0.185 ug/L

RT: 2.53 min Scan# 447

Delta R.T. 0.00 min

Lab File: VV016169.D

Acq: 22 May 2020 14:09

Instrument :

MSVOA_V

ClientSampleId :

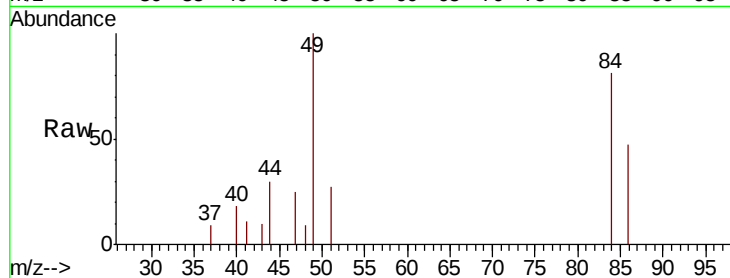
Tot Ion: 84 Resp: 1615

Ion Ratio Lower Upper

84 100

86 57.6 45.6 84.8

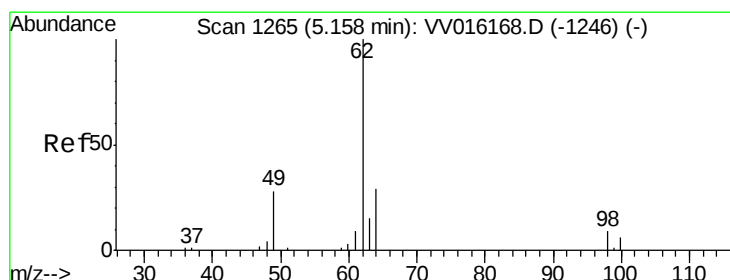
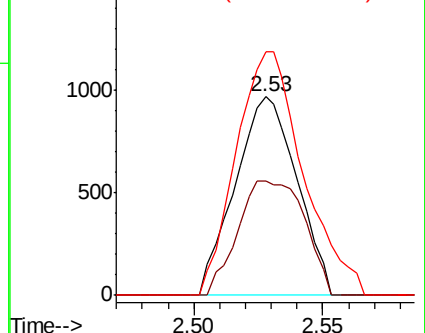
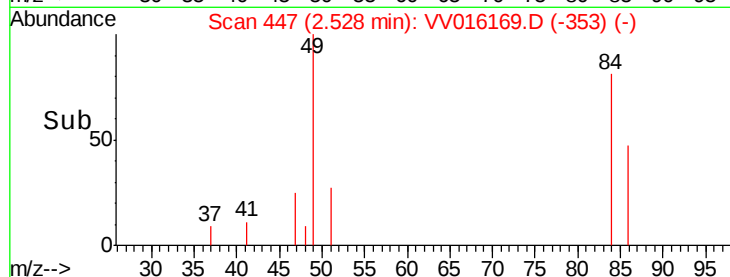
49 122.7 93.6 173.8



Abundance Ion 84.05 (83.75 to 84.75): VV016169.D (-353) (-)

Ion 86.00 (85.70 to 86.70): VV016169.D (-353) (-)

Ion 49.10 (48.80 to 49.80): VV016169.D (-353) (-)



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.08 min Scan# 1241

Delta R.T. -0.08 min

Lab File: VV016169.D

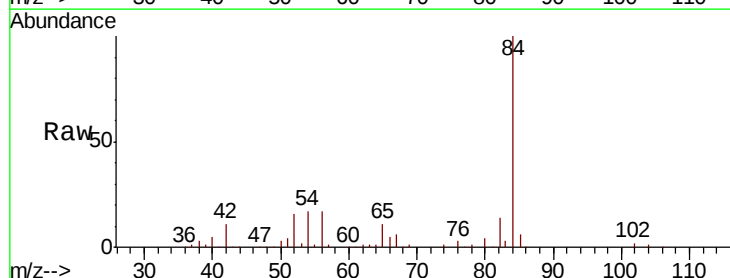
Acq: 22 May 2020 14:09

Tgt Ion: 62 Resp: 1006

Ion Ratio Lower Upper

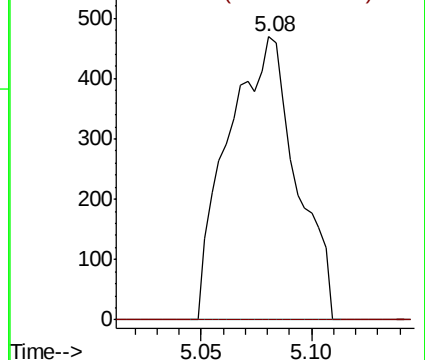
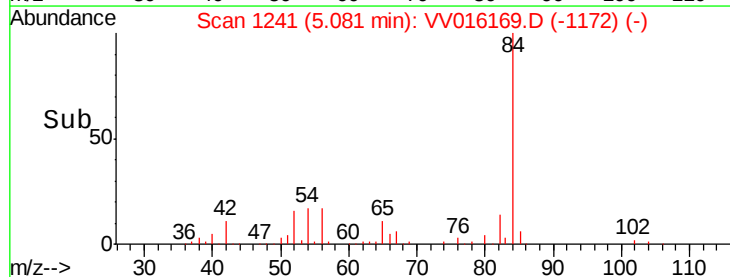
62 100

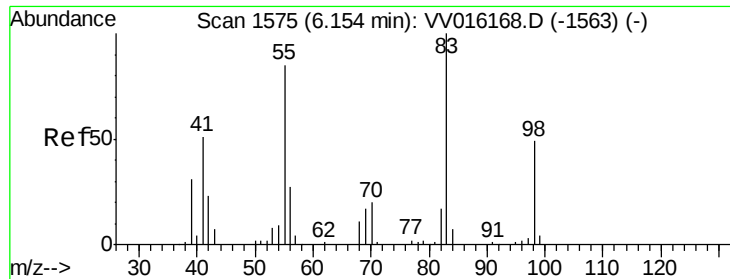
98 0.0 6.7 10.1#



Abundance Ion 62.00 (61.70 to 62.70): VV016169.D (-1172) (-)

Ion 98.05 (97.75 to 98.75): VV016169.D (-1172) (-)

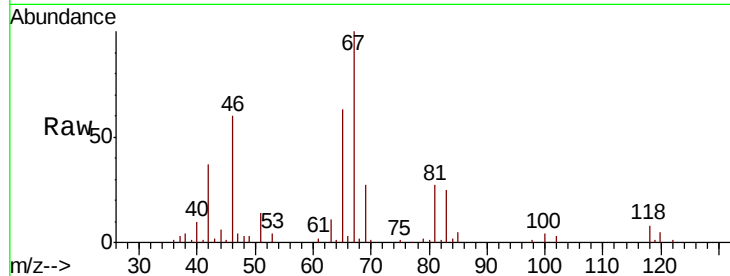




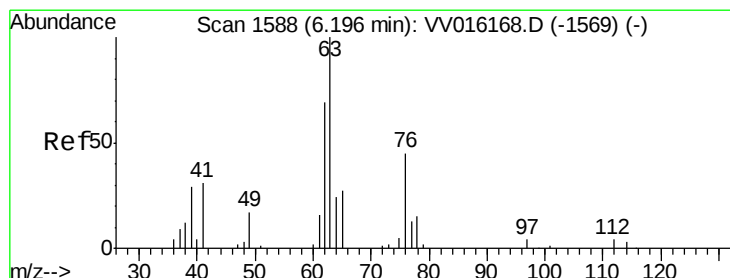
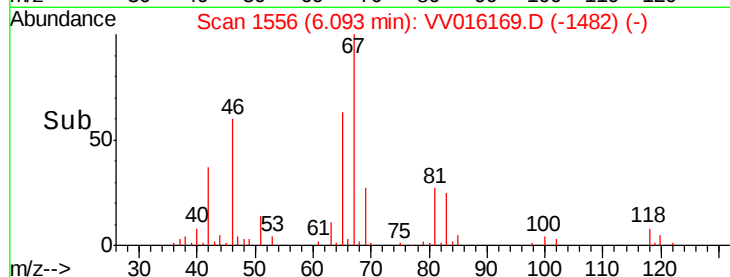
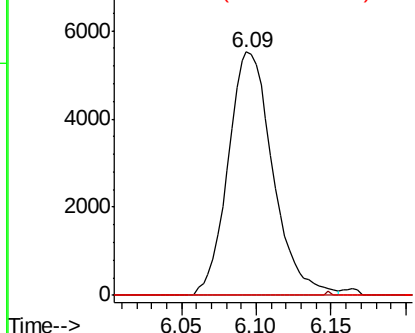
#35
Methvlcvclohexane
Concen: 0.823 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016169.D
Acq: 22 May 2020 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11490
Ion Ratio Lower Upper
83 100
55 0.2 66.2 99.2#
98 0.0 37.9 56.9#

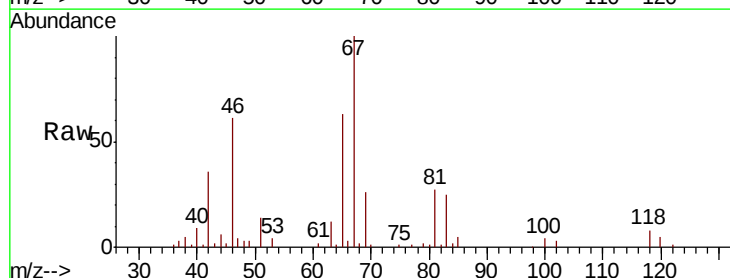


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

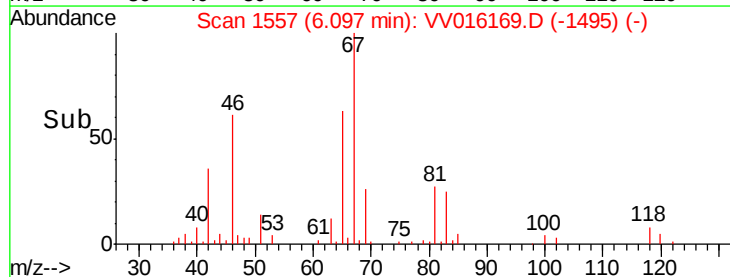
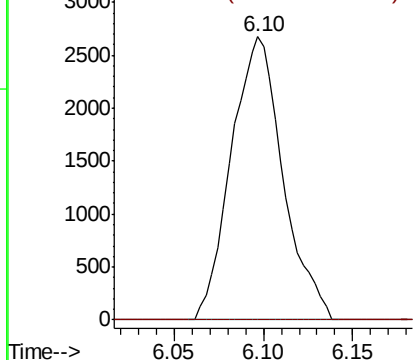


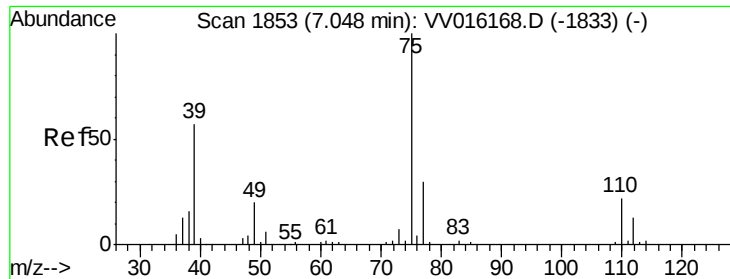
#37
1,2-Dichloropropane
Concen: 0.657 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016169.D
Acq: 22 May 2020 14:09

Tgt Ion: 63 Resp: 5397
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

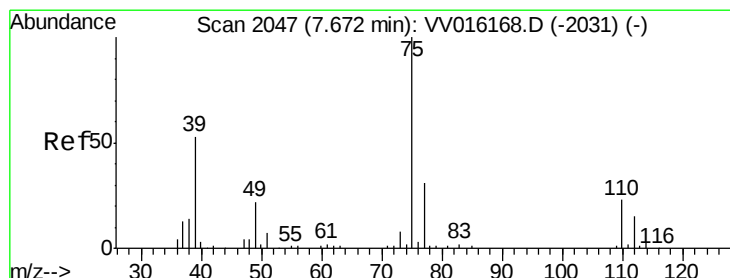
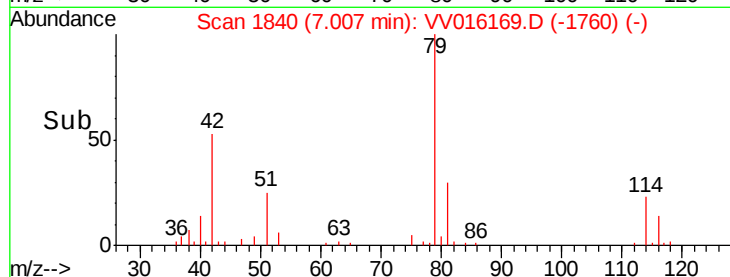
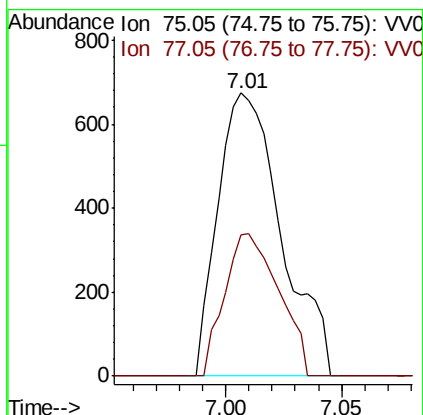
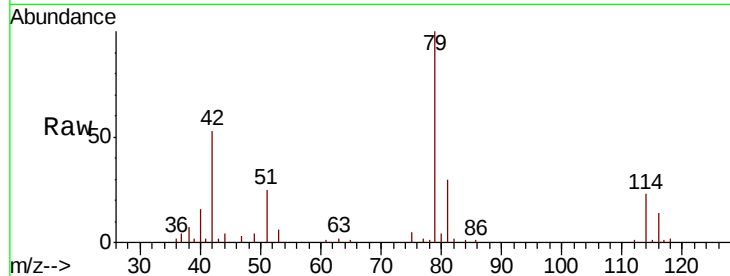




#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV016169.D
 Acq: 22 May 2020 14:09

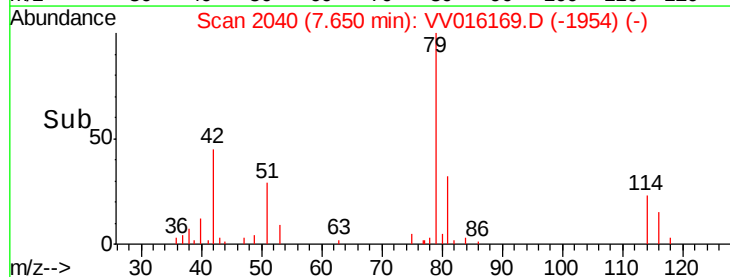
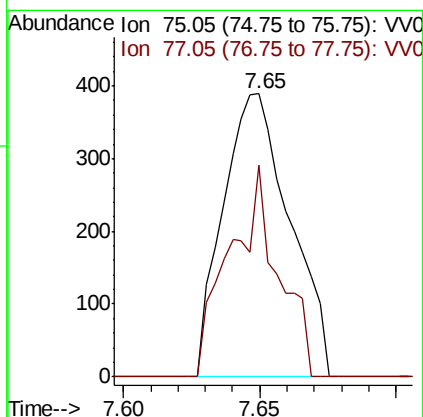
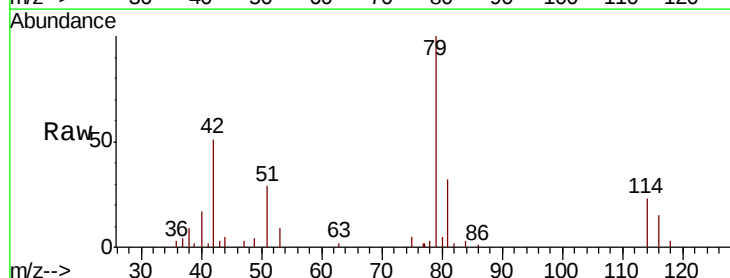
Instrument :
 MSVOA_V
 ClientSampleId :

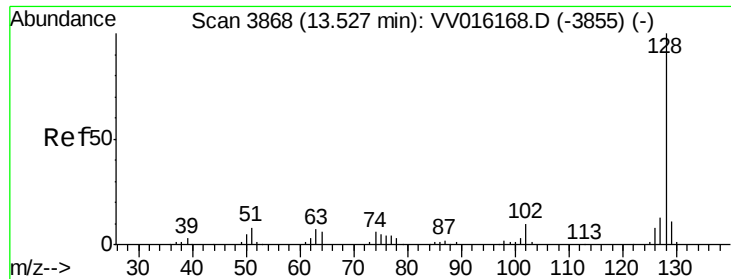
Tot Ion: 75 Resp: 1281
 Ion Ratio Lower Upper
 75 100
 77 50.1 21.3 39.5#



#46
 trans-1,3-Dichloropropene
 Concen: 0.068 ug/L
 RT: 7.65 min Scan# 2040
 Delta R.T. -0.02 min
 Lab File: VV016169.D
 Acq: 22 May 2020 14:09

Tgt Ion: 75 Resp: 663
 Ion Ratio Lower Upper
 75 100
 77 74.8 21.3 39.6#





#70

Naphthalene

Concen: 0.181 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

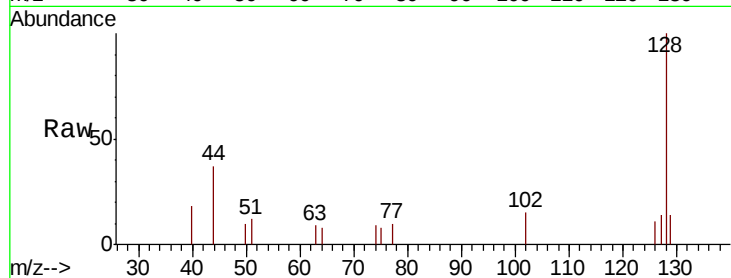
Lab File: VV016169.D

Acq: 22 May 2020 14:09

Instrument :

MSVOA_V

ClientSampleId :



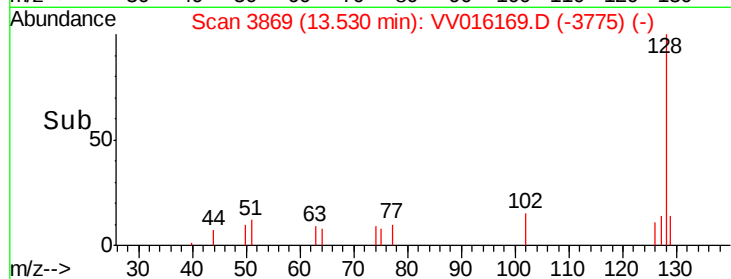
Tot Ion:128 Resp: 2899

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 14.1 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

