

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016361.D
 Acq On : 30 May 2020 15:49
 Operator : SY/MD
 Sample : L2754-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 01 05:11:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 05:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	78464	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	75603	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	34181	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33919	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	25944	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.13	63	45776	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.20%
20) 2-Butanone-d5	3.94	46	74514	50.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.54%
24) Chloroform-d	4.38	84	54737	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	29548	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.08	84	109297	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.10	67	32650	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.34	98	94248	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.64	79	10853	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.11	63	57068	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	22444	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	33127	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

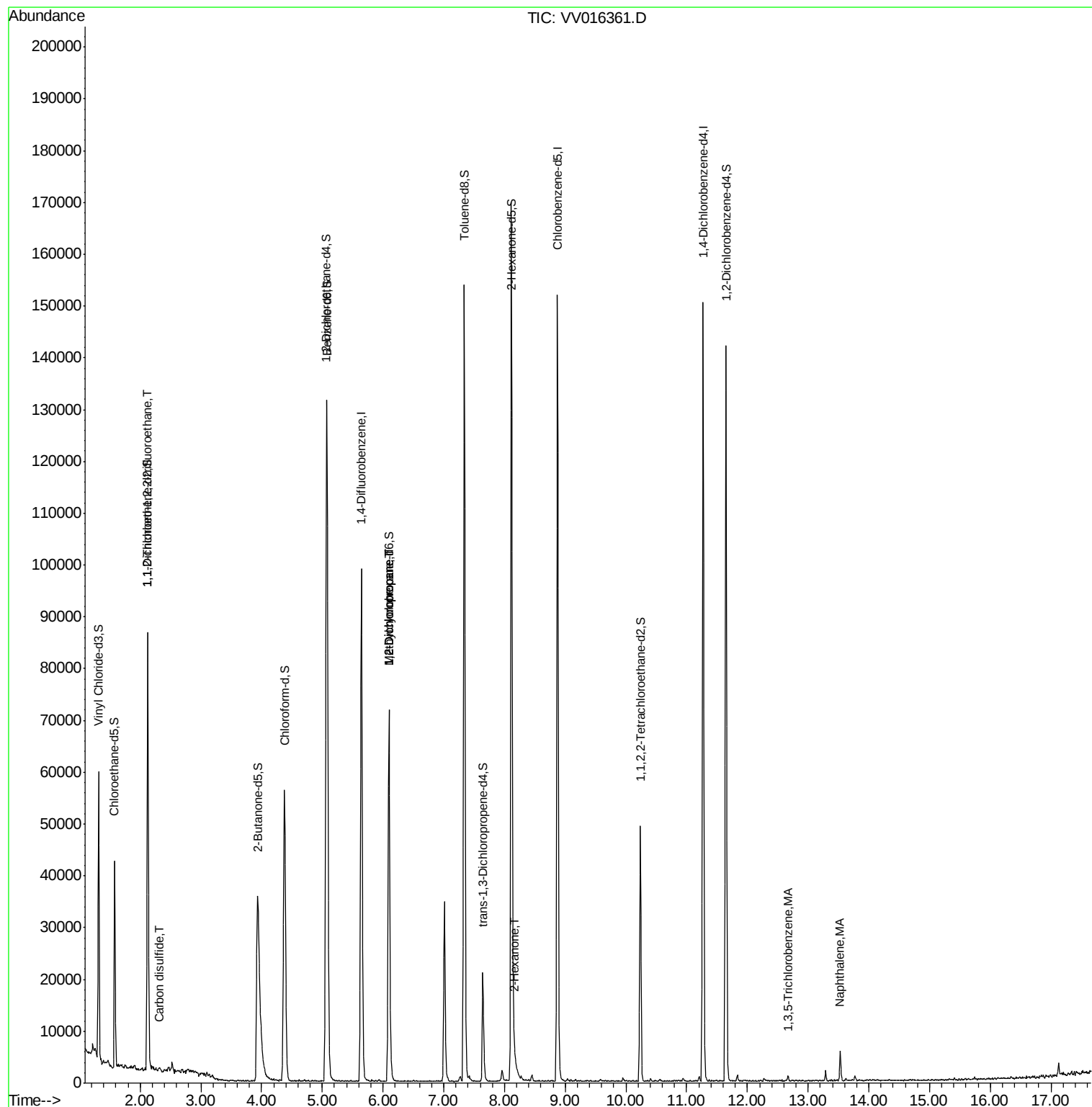
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	535	0.101 ug/L #	21
14) Carbon disulfide	2.32	76	788	0.051 ug/L #	76
35) Methylcyclohexane	6.10	83	7844	0.830 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4246	0.750 ug/L #	87
50) 2-Hexanone	8.17	43	1212	0.508 ug/L #	68
68) 1,3,5-Trichlorobenzene	12.67	180	463	0.061 ug/L #	67
70) Naphthalene	13.53	128	4948	0.317 ug/L	97

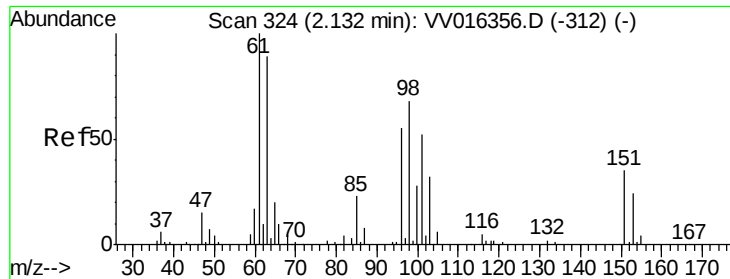
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 01 05:08:08 2020
Response via : Initial Calibration





#10

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

Concen: 0.101 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016361.D

Acq: 30 May 2020 15:49

Instrument :

MSVOA_V

ClientSampleId :

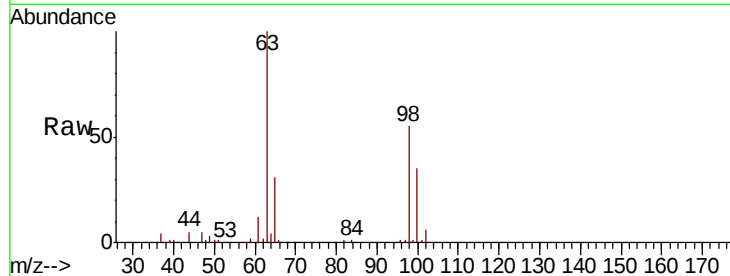
Tot Ion:101 Resp: 535

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

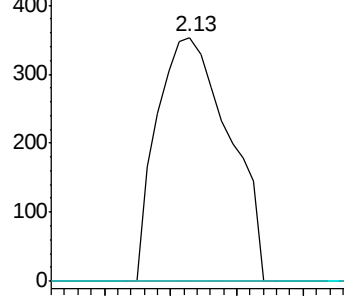
151 0.0 57.2 85.8#



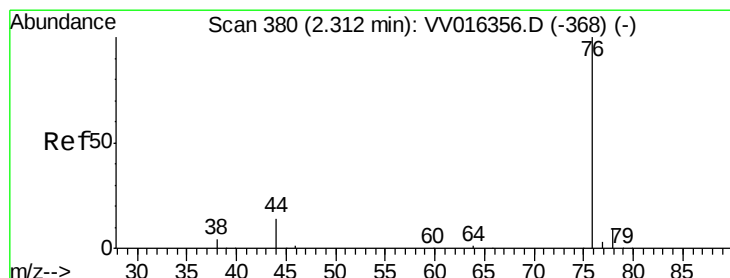
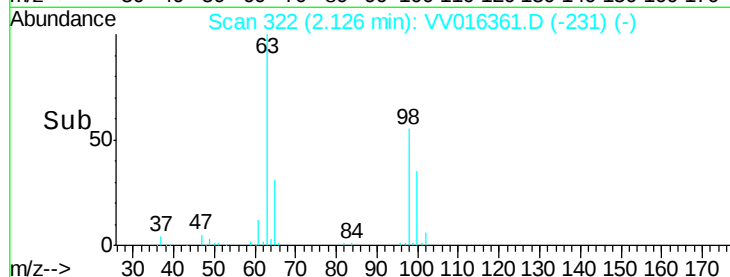
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->



#14

Carbon disulfide

Concen: 0.051 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV016361.D

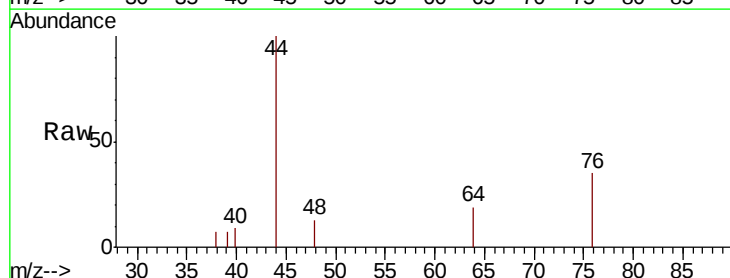
Acq: 30 May 2020 15:49

Tgt Ion: 76 Resp: 788

Ion Ratio Lower Upper

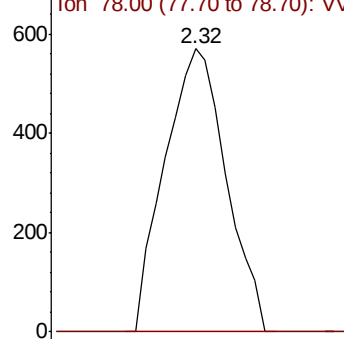
76 100

78 0.0 6.8 10.2#

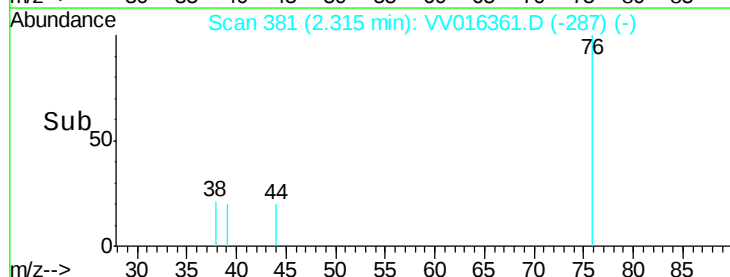


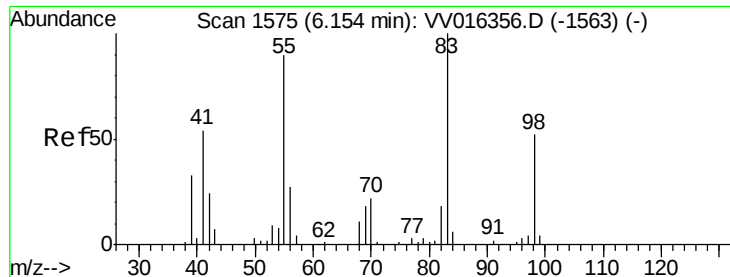
Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



Time-->

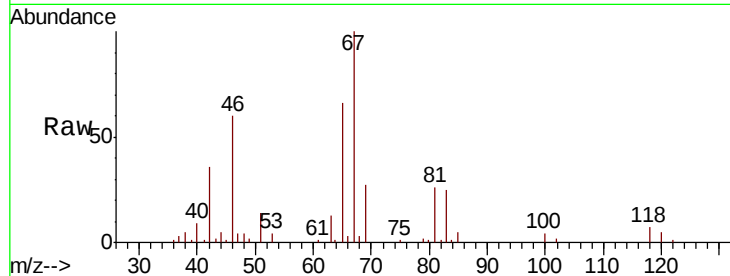




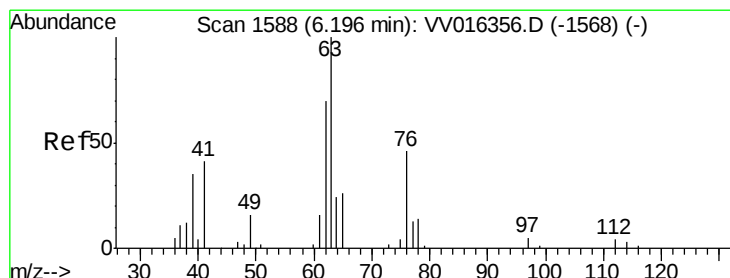
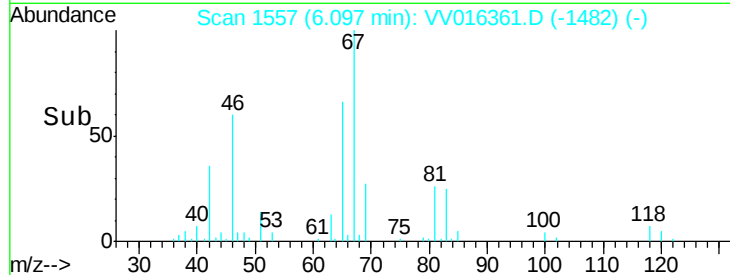
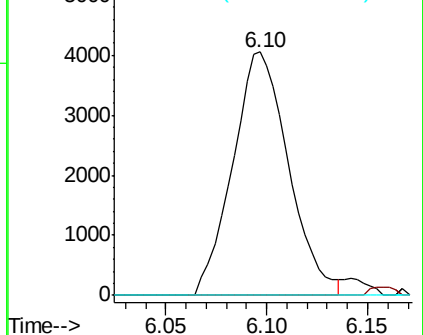
#35
Methvlcvclohexane
Concen: 0.830 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016361.D
Acq: 30 May 2020 15:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 7844
Ion Ratio Lower Upper
83 100
55 1.5 67.0 100.4#
98 0.0 39.0 58.4#

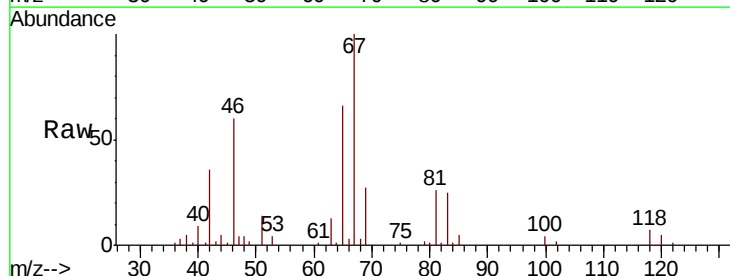


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

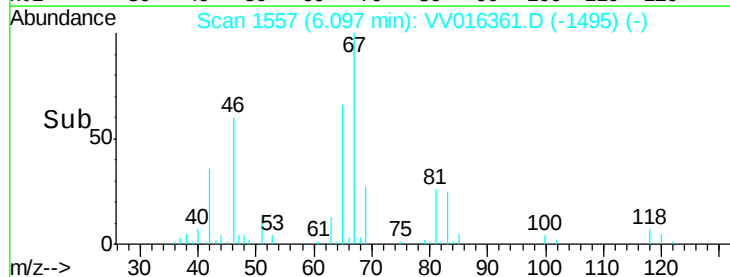
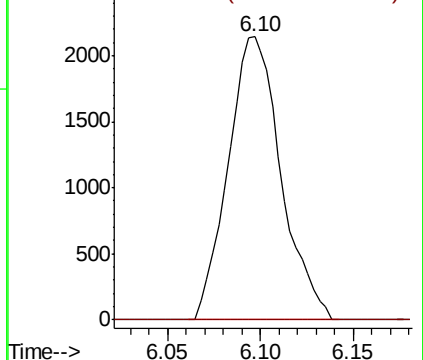


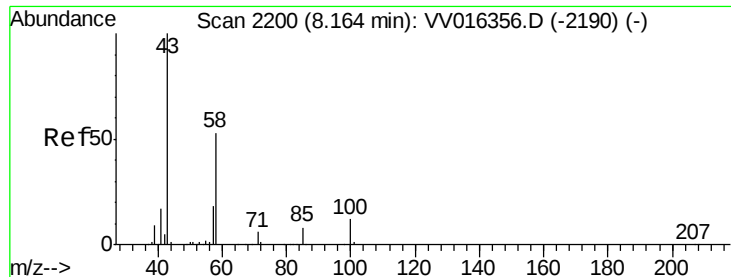
#37
1,2-Dichloropropane
Concen: 0.750 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016361.D
Acq: 30 May 2020 15:49

Tgt Ion: 63 Resp: 4246
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

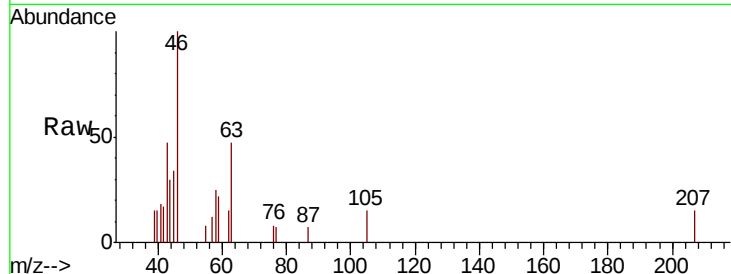




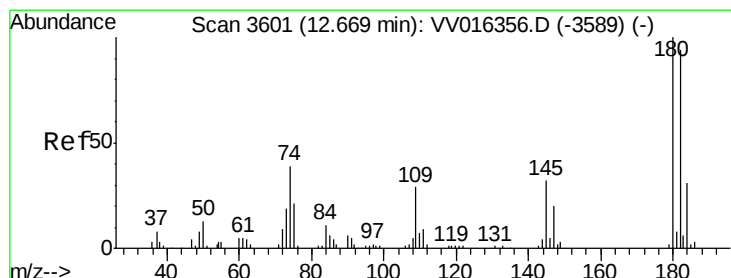
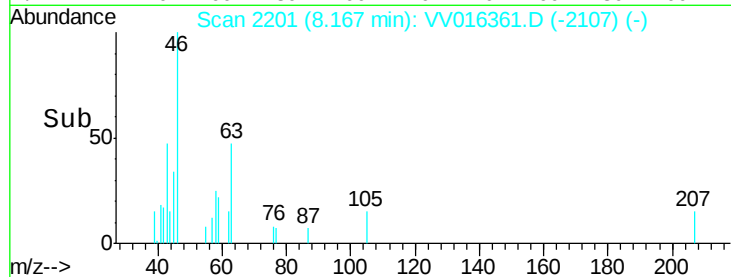
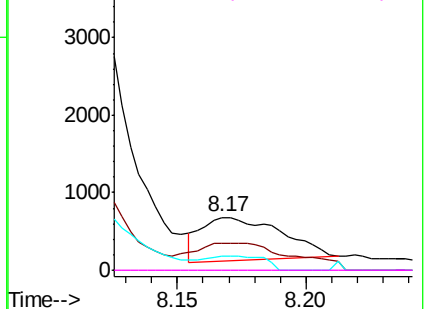
#50
2-Hexanone
Concen: 0.508 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV016361.D
Acq: 30 May 2020 15:49

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1212
Ion Ratio Lower Upper
43 100
58 77.6 41.1 61.7#
57 25.6 14.2 21.4#
100 0.0 8.8 13.2#

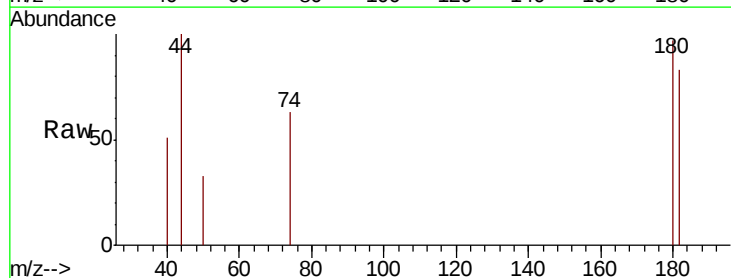


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

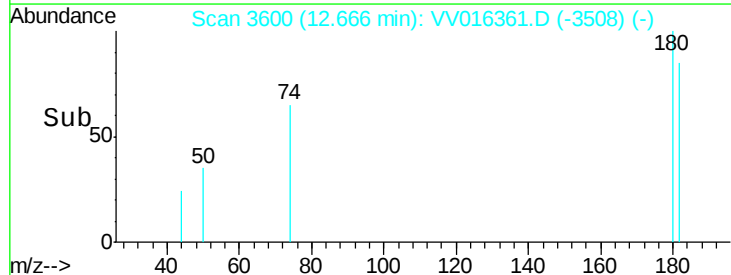
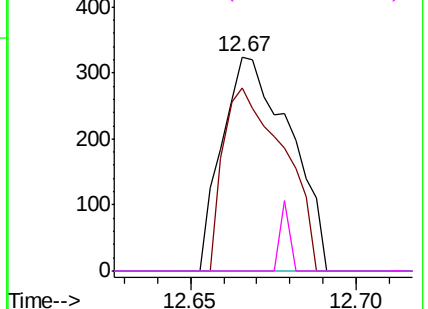


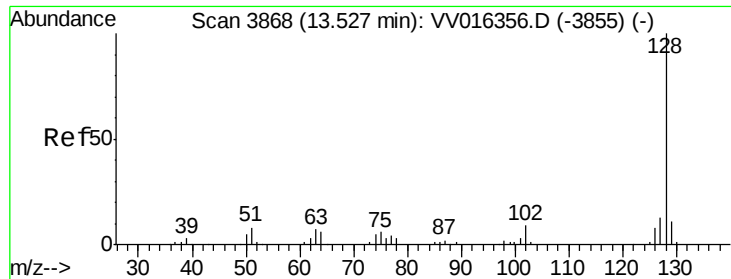
#68
1,3,5-Trichlorobenzene
Concen: 0.061 ug/L
RT: 12.67 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VV016361.D
Acq: 30 May 2020 15:49

Tgt Ion: 180 Resp: 463
Ion Ratio Lower Upper
180 100
182 76.0 75.5 113.3
184 0.0 24.2 36.2#
145 4.3 26.2 39.2#



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 184.00 (183.70 to 184.70): V
Ion 145.00 (144.70 to 145.70): V





#70

Naphthalene

Concen: 0.317 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016361.D

Acq: 30 May 2020 15:49

Instrument :

MSVOA_V

ClientSampleId :

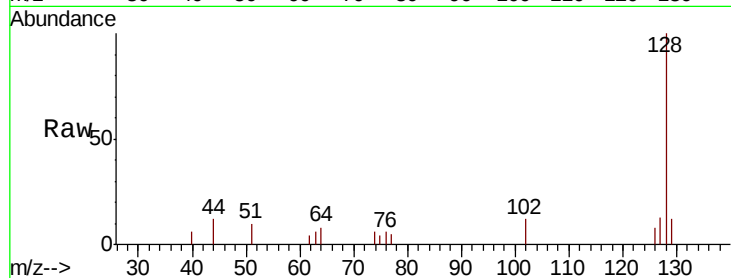
Tot Ion:128 Resp: 4948

Ion Ratio Lower Upper

128 100

129 9.6 8.6 12.8

127 12.0 10.7 16.1



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

