

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
 Data File : VV018897.D
 Acq On : 14 Oct 2020 16:09
 Operator : SY/MD
 Sample : VV1014WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK80

Quant Time: Oct 15 09:54:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 14 15:16:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	303751	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	303281	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144364	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102050	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	81104	40.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.88%
11) 1,1-Dichloroethene-d2	2.12	63	147258	31.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.40%
21) 2-Butanone-d5	3.91	46	136667	78.42	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.42%
24) Chloroform-d	4.37	84	175129	38.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.96%
26) 1,2-Dichloroethane-d4	5.05	65	121870	40.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.74%
32) Benzene-d6	5.07	84	356894	40.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.62%
36) 1,2-Dichloropropane-d6	6.09	67	116078	41.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.02%
41) Toluene-d8	7.33	98	312631	39.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.72%#
43) trans-1,3-Dichloropropene-	7.64	79	53530	38.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.38%
47) 2-Hexanone-d5	8.11	63	73230	69.64	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	69.64%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	116577	35.14	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	70.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	125466	42.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.44%

Target Compounds

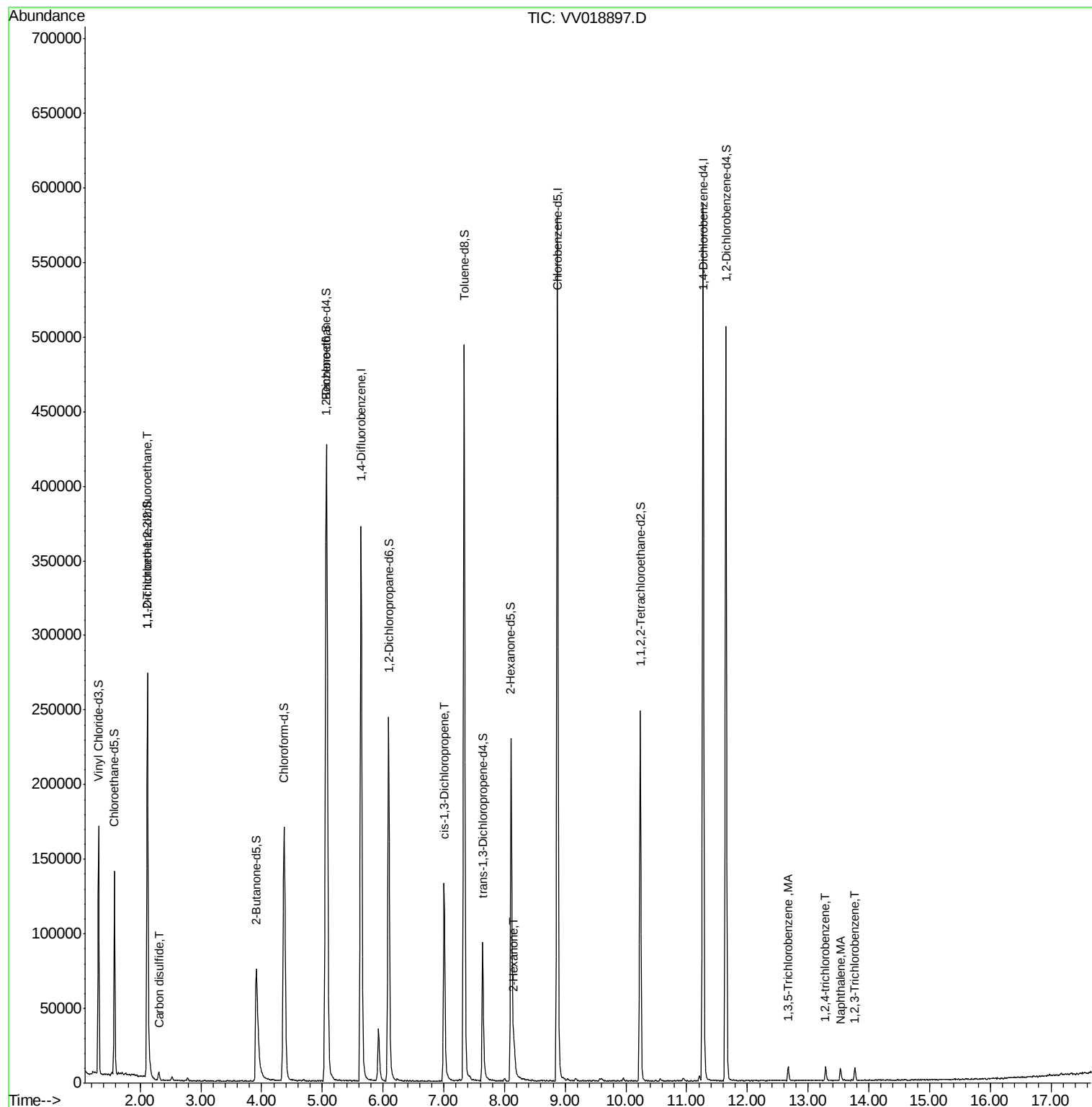
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1434	0.728 ug/L #	31
14) Carbon disulfide	2.31	76	6357	0.934 ug/L	100
39) cis-1,3-Dichloropropene	7.00	75	3381	0.904 ug/L	84
48) 2-Hexanone	8.16	43	12331	4.531 ug/L #	83
67) 1,3,5-Trichlorobenzene	12.67	180	3393	1.129 ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	3294	1.189 ug/L	85
69) Naphthalene	13.53	128	7617	0.969 ug/L	97
70) 1,2,3-Trichlorobenzene	13.77	180	2830	1.022 ug/L	92

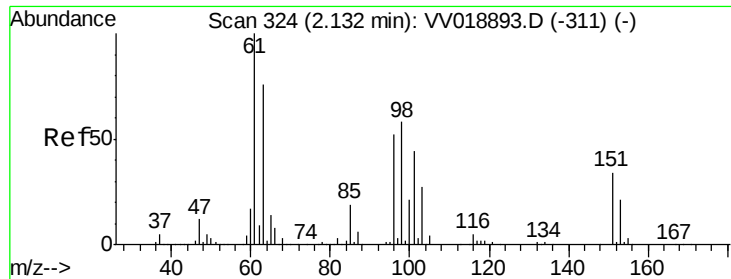
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.728 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018897.D

Acq: 14 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

VBLK80

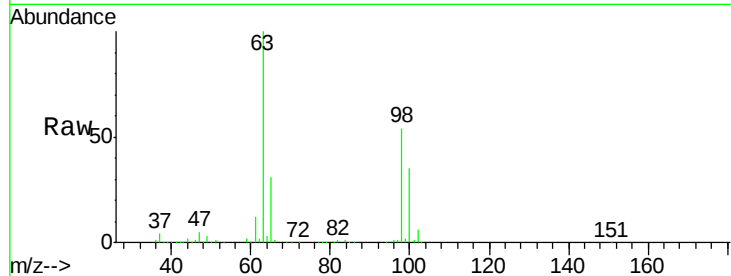
Tot Ion:101 Resp: 1434

Ion Ratio Lower Upper

101 100

85 11.4 35.0 52.4#

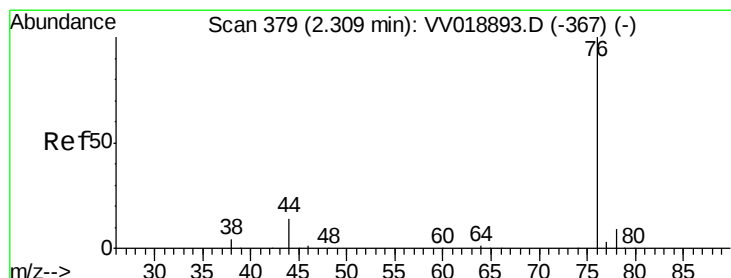
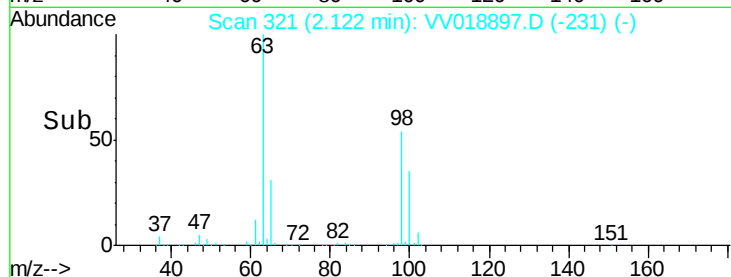
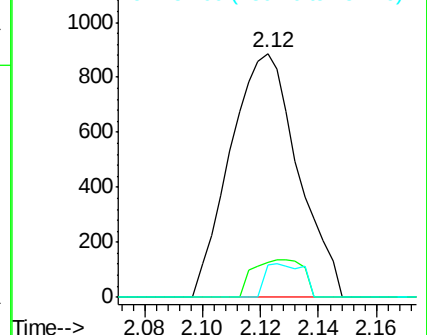
151 6.1 59.7 89.5#



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



#14

Carbon disulfide

Concen: 0.934 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018897.D

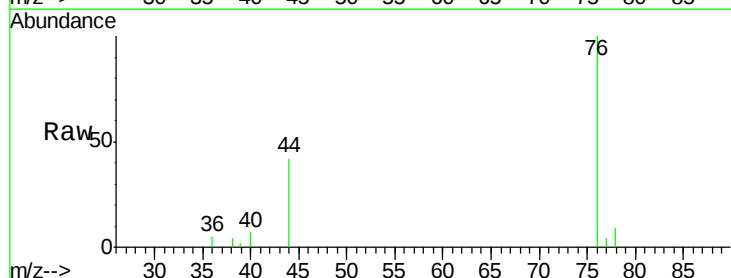
Acq: 14 Oct 2020 16:09

Tgt Ion: 76 Resp: 6357

Ion Ratio Lower Upper

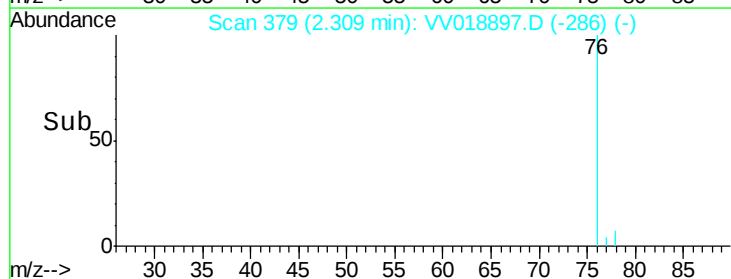
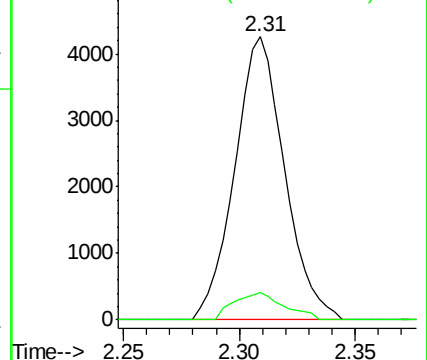
76 100

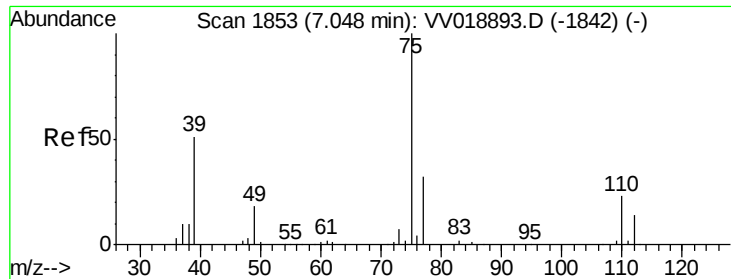
78 9.5 7.4 11.2



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0

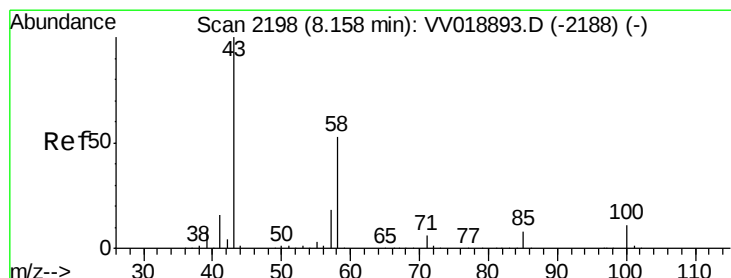
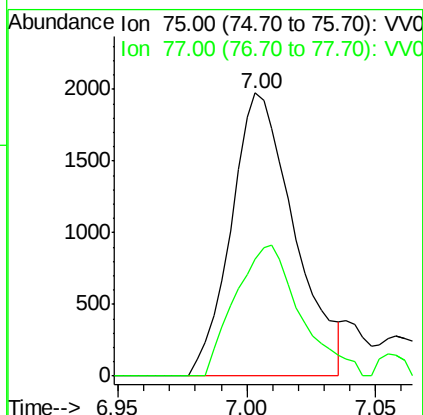
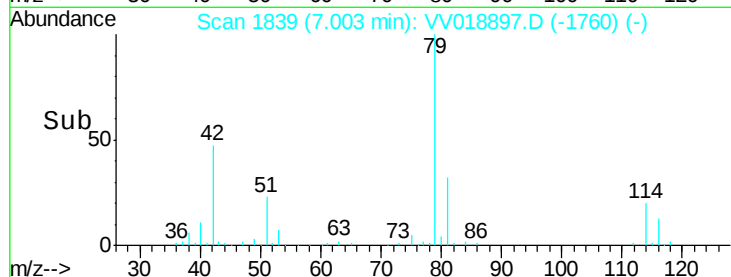
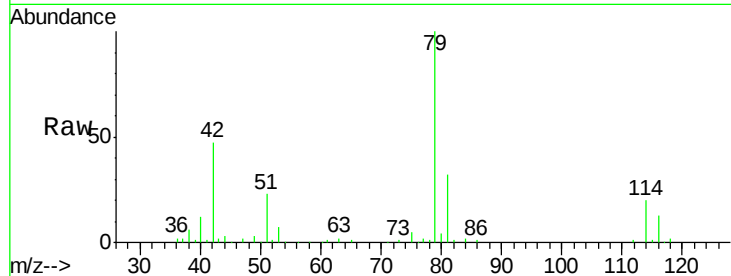




#39
 cis-1,3-Dichloropropene
 Concen: 0.904 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.05 min
 Lab File: VV018897.D
 Acq: 14 Oct 2020 16:09

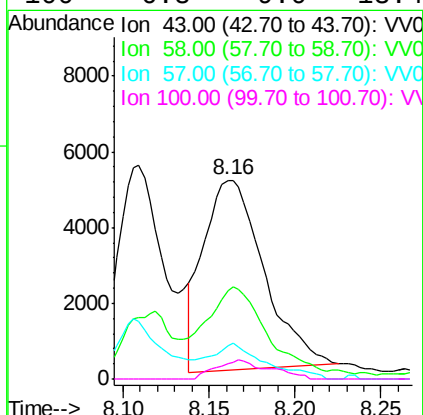
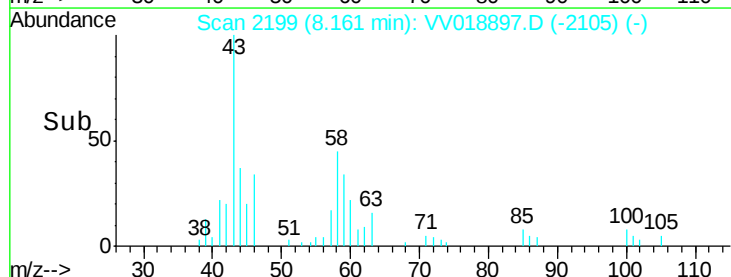
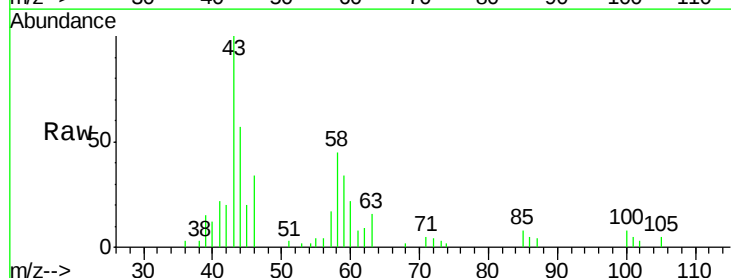
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 VBLK80

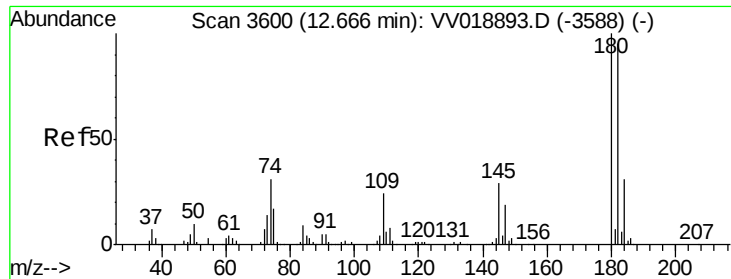
Tot Ion: 75 Resp: 3381
 Ion Ratio Lower Upper
 75 100
 77 41.1 22.5 41.9



#48
 2-Hexanone
 Concen: 4.531 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV018897.D
 Acq: 14 Oct 2020 16:09

Tgt Ion: 43 Resp: 12331
 Ion Ratio Lower Upper
 43 100
 58 41.1 42.5 63.7#
 57 8.5 14.5 21.7#
 100 6.8 9.0 13.4#

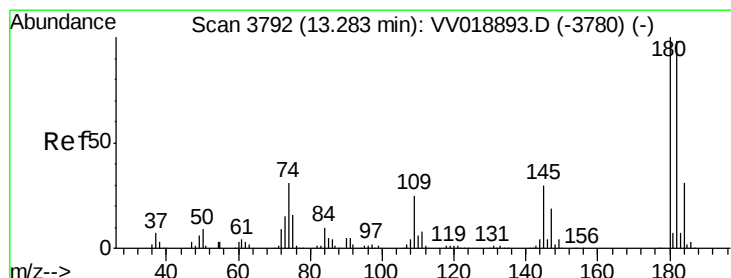
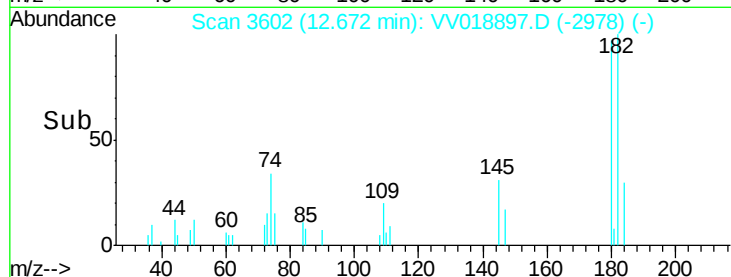
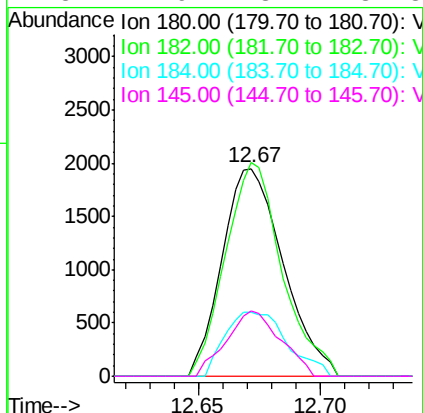
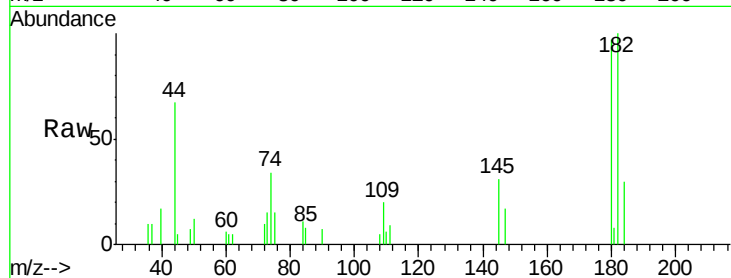




#67
 1,3,5-Trichlorobenzene
 Concen: 1.129 ug/L
 RT: 12.67 min Scan# 3602
 Delta R.T. 0.01 min
 Lab File: VV018897.D
 Acq: 14 Oct 2020 16:09

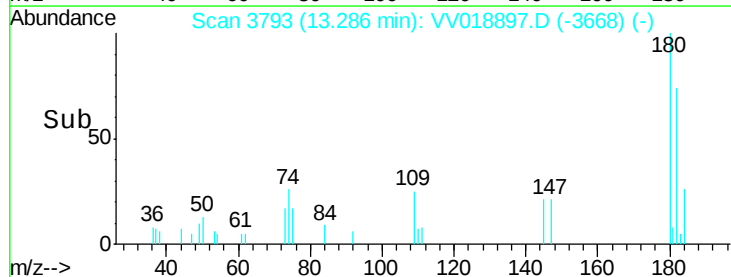
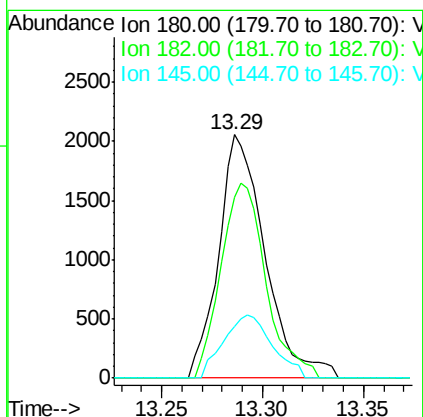
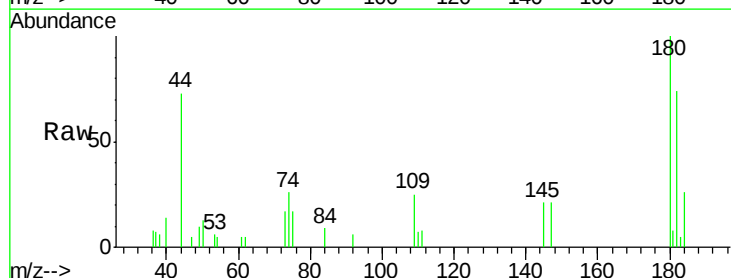
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK80

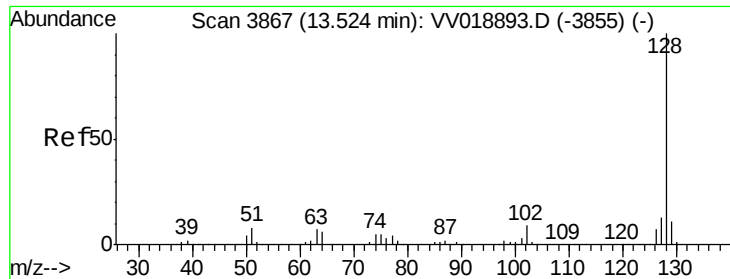
Tot Ion:180 Resp: 3393
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.8
 184 31.4 24.9 37.3
 145 27.9 23.2 34.8



#68
 1,2,4-trichlorobenzene
 Concen: 1.189 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018897.D
 Acq: 14 Oct 2020 16:09

Tgt Ion:180 Resp: 3294
 Ion Ratio Lower Upper
 180 100
 182 77.9 76.5 114.7
 145 27.3 23.7 35.5





#69

Naphthalene

Concen: 0.969 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.01 min

Lab File: VV018897.D

Acq: 14 Oct 2020 16:09

Instrument :

MSVOA_V

ClientSampleId :

VBLK80

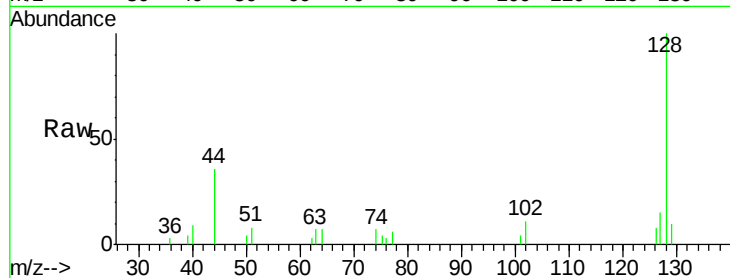
Tot Ion:128 Resp: 7617

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

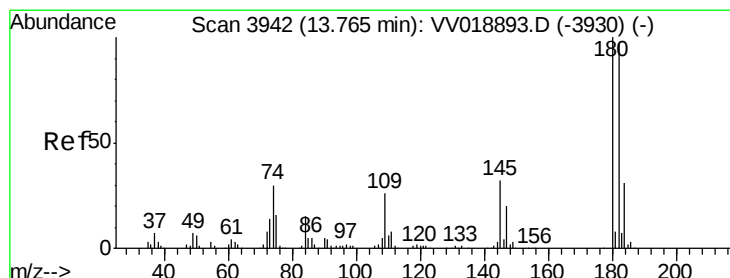
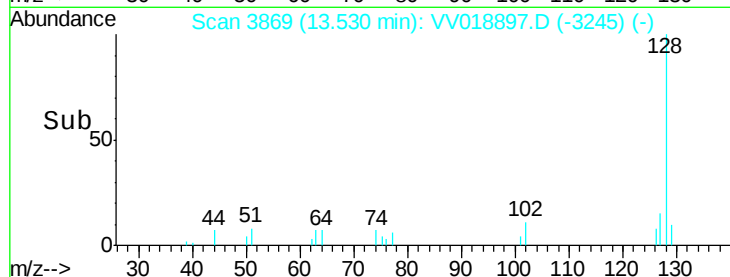
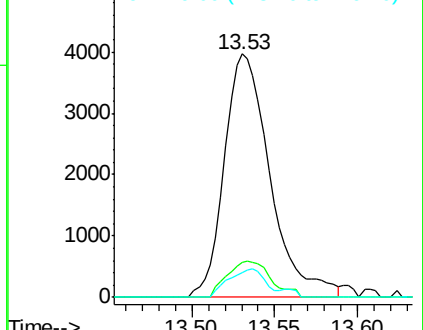
129 9.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.022 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018897.D

Acq: 14 Oct 2020 16:09

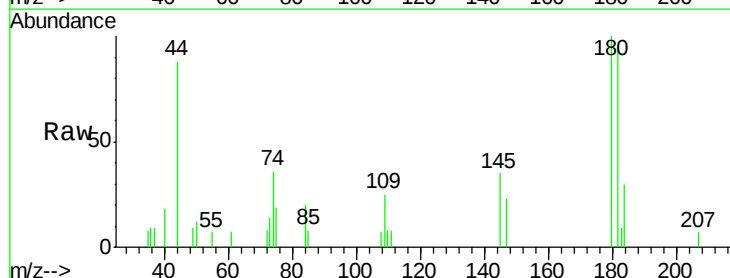
Tgt Ion:180 Resp: 2830

Ion Ratio Lower Upper

180 100

182 86.6 76.8 115.2

145 30.6 25.4 38.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

