

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092920\
 Data File : VV018524.D
 Acq On : 29 Sep 2020 18:17
 Operator : SY/MD
 Sample : L4171-03ME
 Misc : 6.17g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3Y0ME

Quant Time: Sep 30 01:52:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 30 01:47:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	443191	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	438348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.28	152	231849	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	105279	40.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.00%
7) Chloroethane-d5	1.58	69	82214	38.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.50%
11) 1,1-Dichloroethene-d2	2.10	63	147089	27.77	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.54%#
21) 2-Butanone-d5	3.94	46	146152	75.38	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	75.38%
24) Chloroform-d	4.37	84	220616	39.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.50%
26) 1,2-Dichloroethane-d4	5.05	65	153649	43.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.12%
32) Benzene-d6	5.07	84	470554	42.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.76%
36) 1,2-Dichloropropane-d6	6.09	67	145606	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.80%
41) Toluene-d8	7.34	98	447575	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%
43) trans-1,3-Dichloropropene-	7.65	79	76330	42.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.24%
47) 2-Hexanone-d5	8.14	63	109762	86.14	ug/L	0.04
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.14%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	180196	40.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	196012	43.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.92%

Target Compounds

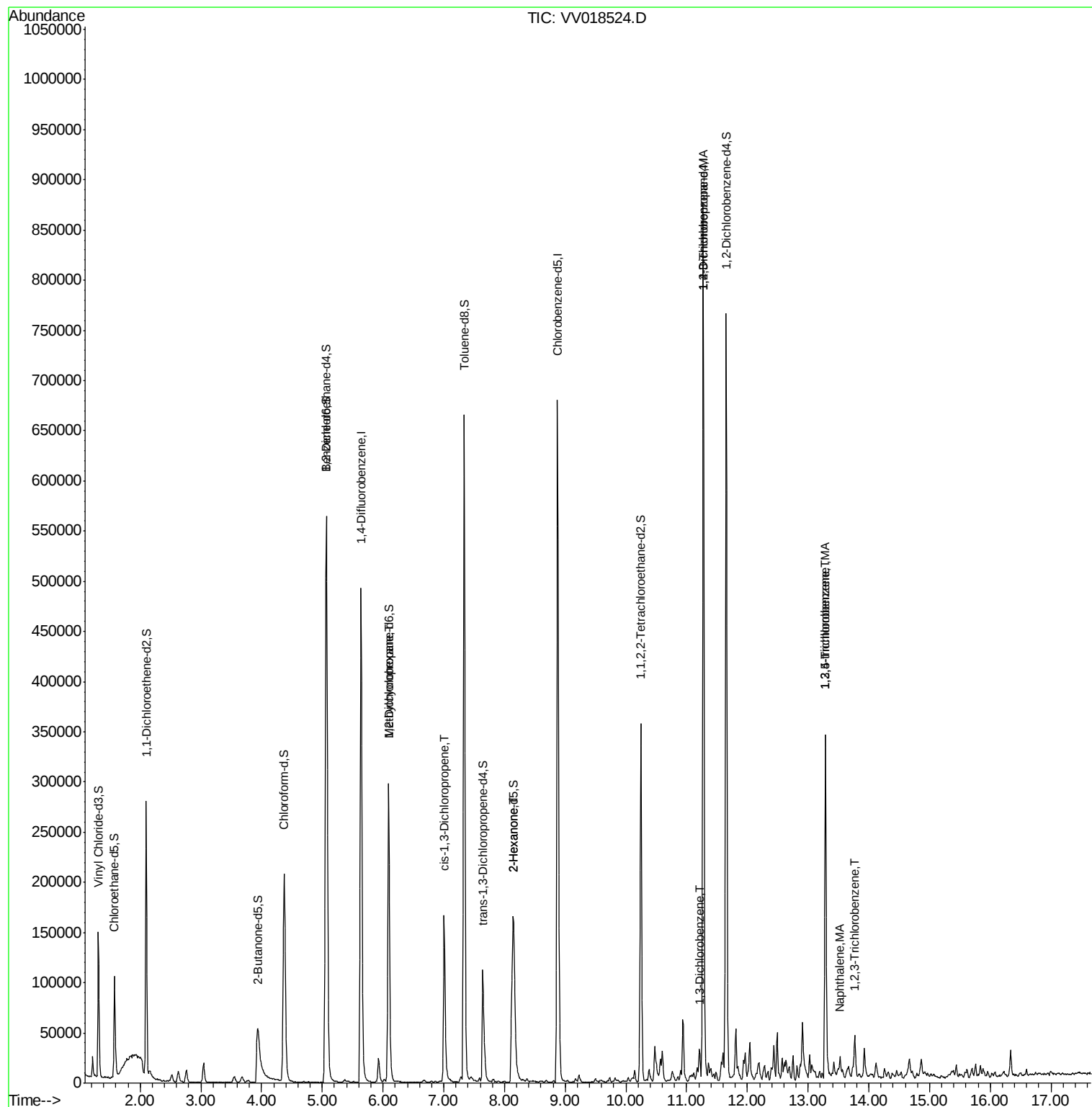
					Ovalue
35) Methylcyclohexane	6.09	83	35720	7.082	ug/L # 20
39) cis-1,3-Dichloropropene	7.01	75	4718	0.910	ug/L # 61
48) 2-Hexanone	8.14	43	8301	2.495	ug/L # 59
59) 1,2,3-Trichloropropane	11.27	75	25927	6.451	ug/L 91
62) 1,3-Dichlorobenzene	11.21	146	11051	1.473	ug/L 94
67) 1,3,5-Trichlorobenzene	13.29	180	99337	19.112	ug/L 99
68) 1,2,4-trichlorobenzene	13.29	180	99337	20.539	ug/L 99
69) Naphthalene	13.53	128	14018	1.013	ug/L 98
70) 1,2,3-Trichlorobenzene	13.77	180	11561	2.381	ug/L # 92

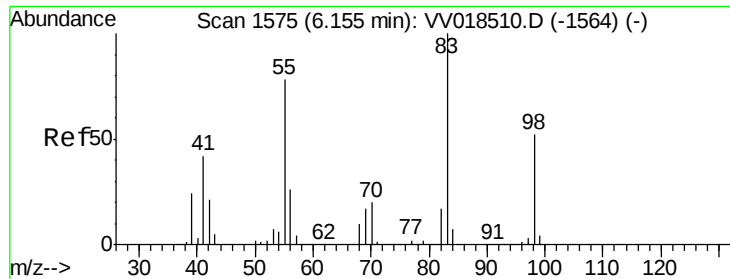
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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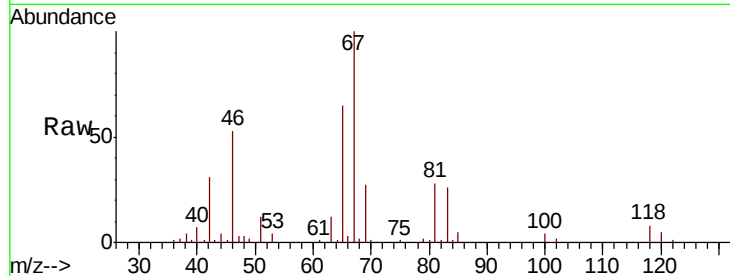




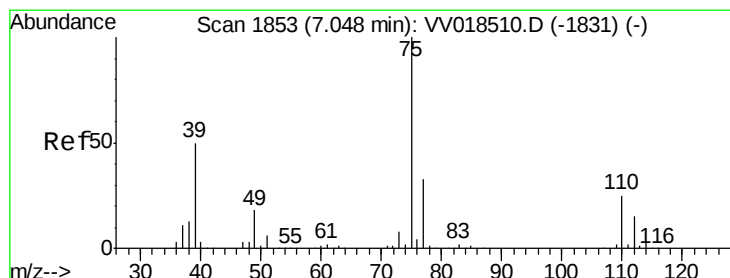
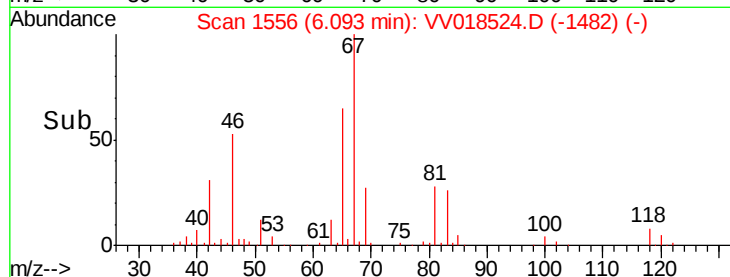
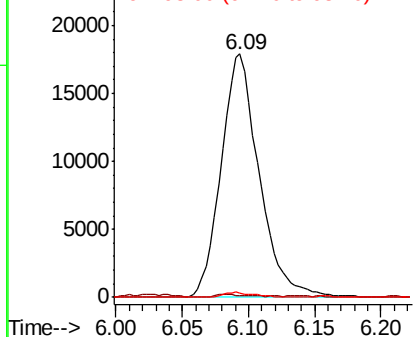
#35
Methvlcvclohexane
Concen: 7.082 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018524.D
Acq: 29 Sep 2020 18:17

Instrument :
MSVOA_V
ClientSampleId :
BG3Y0ME

Tot Ion: 83 Resp: 35720
Ion Ratio Lower Upper
83 100
55 0.8 60.1 90.1#
98 1.7 40.2 60.4#

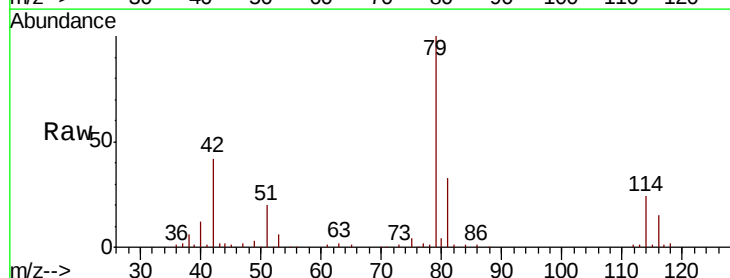


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

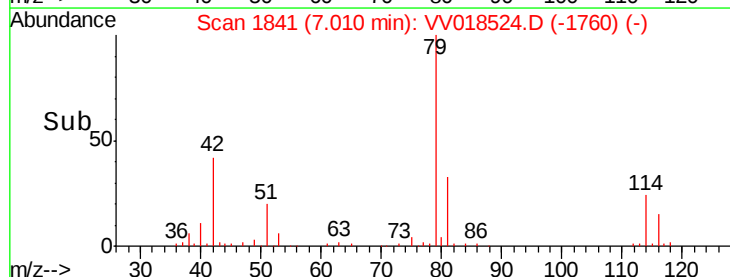
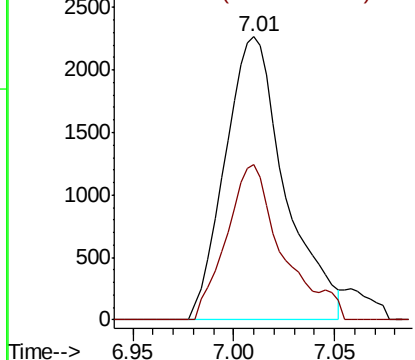


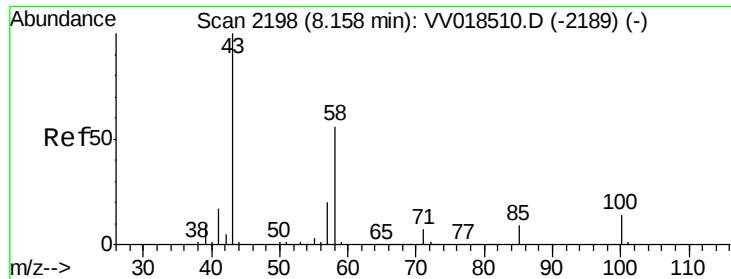
#39
cis-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV018524.D
Acq: 29 Sep 2020 18:17

Tgt Ion: 75 Resp: 4718
Ion Ratio Lower Upper
75 100
77 54.8 23.0 42.6#



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

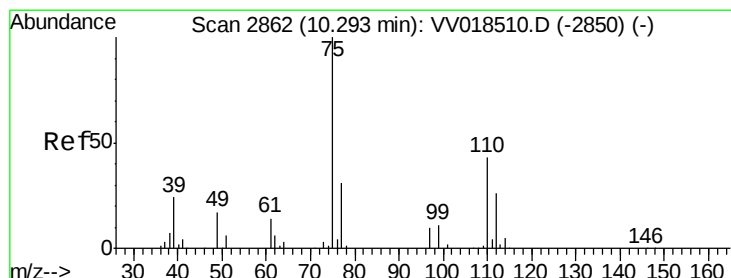
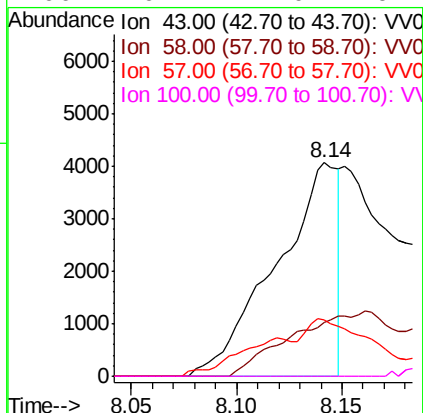
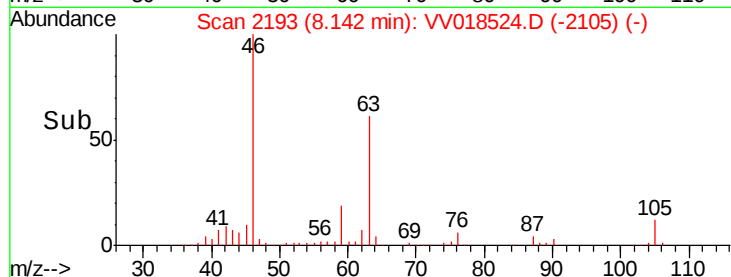
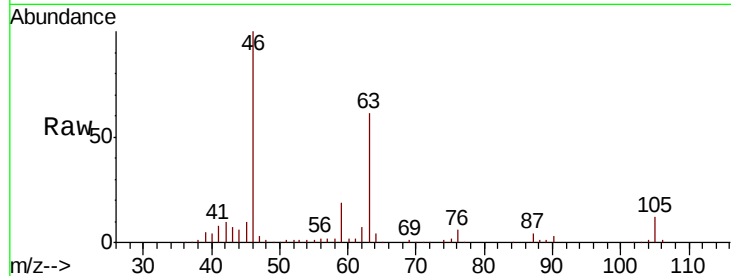




#48
2-Hexanone
Concen: 2.495 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.02 min
Lab File: VV018524.D
Acq: 29 Sep 2020 18:17

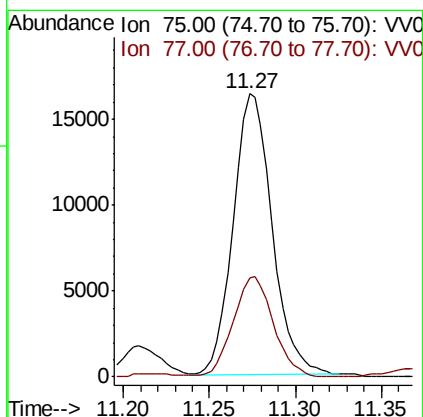
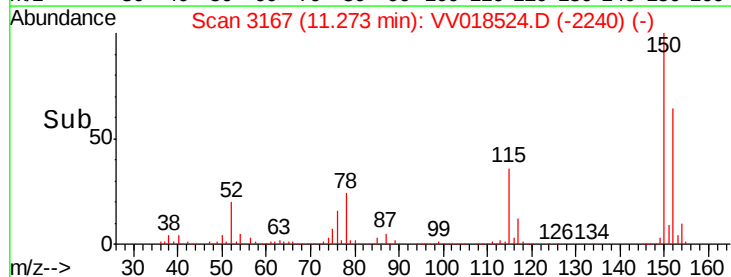
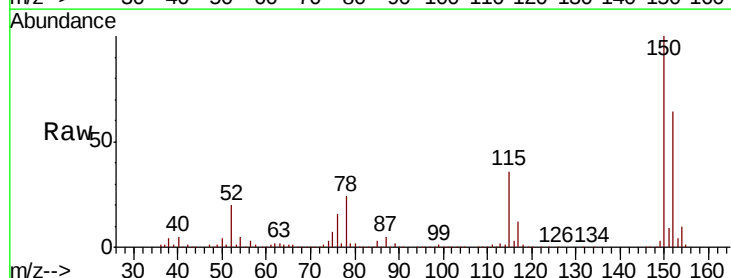
Instrument :
MSVOA_V
ClientSampleId :
BG3Y0ME

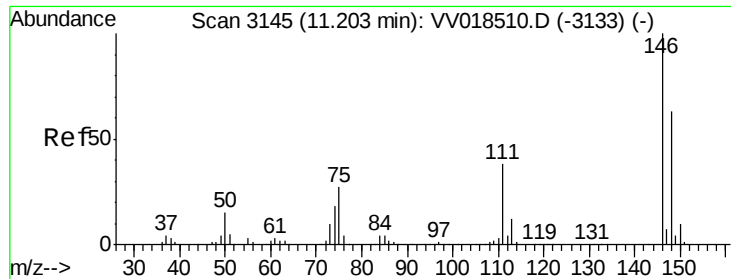
Tot Ion: 43 Resp: 8301
Ion Ratio Lower Upper
43 100
58 15.6 45.1 67.7#
57 17.9 15.7 23.5
100 0.2 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.451 ug/L
RT: 11.27 min Scan# 3167
Delta R.T. 0.98 min
Lab File: VV018524.D
Acq: 29 Sep 2020 18:17

Tgt Ion: 75 Resp: 25927
Ion Ratio Lower Upper
75 100
77 36.4 25.4 38.0





#62

1,3-Dichlorobenzene

Concen: 1.473 ug/L

RT: 11.21 min Scan# 3148

Delta R.T. 0.01 min

Lab File: VV018524.D

Acq: 29 Sep 2020 18:17

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0ME

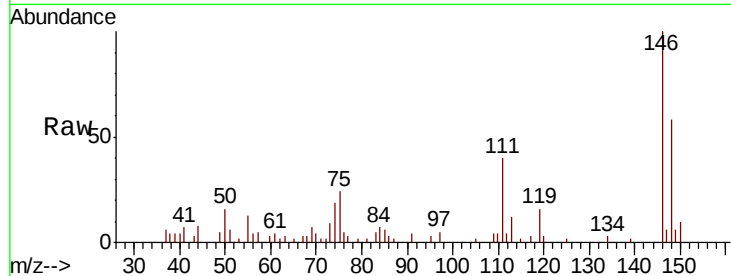
Tot Ion:146 Resp: 11051

Ion Ratio Lower Upper

146 100

111 40.3 26.8 49.8

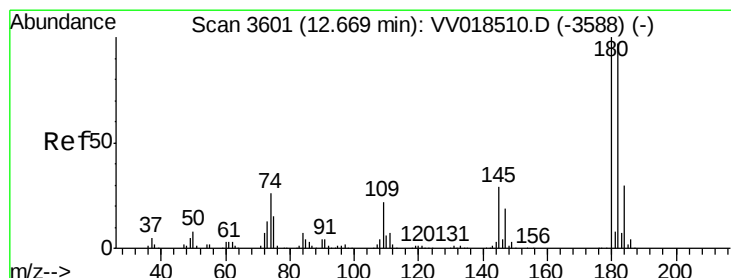
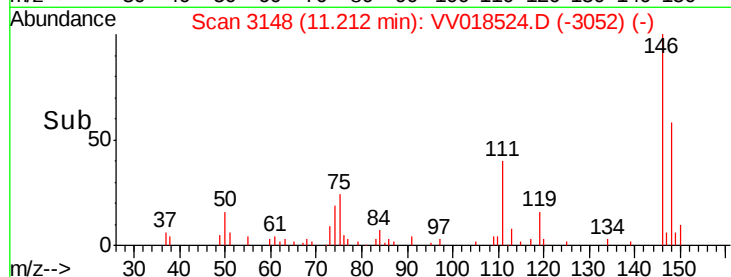
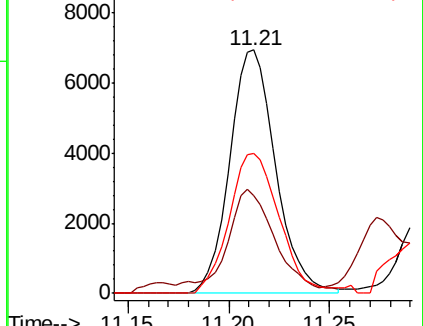
148 57.5 44.0 81.8



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#67

1,3,5-Trichlorobenzene

Concen: 19.112 ug/L

RT: 13.29 min Scan# 3793

Delta R.T. 0.62 min

Lab File: VV018524.D

Acq: 29 Sep 2020 18:17

Tgt Ion:180 Resp: 99337

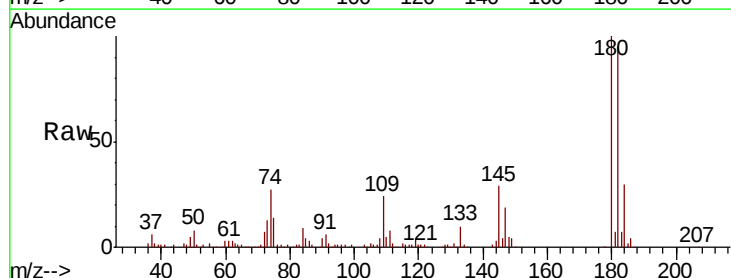
Ion Ratio Lower Upper

180 100

182 94.9 77.1 115.7

184 30.3 24.3 36.5

145 30.0 22.9 34.3

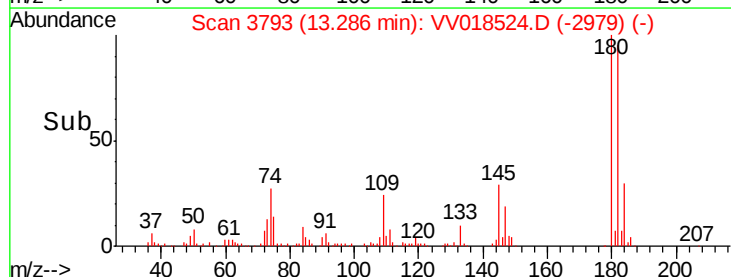
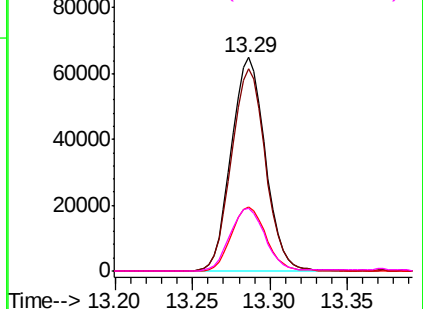


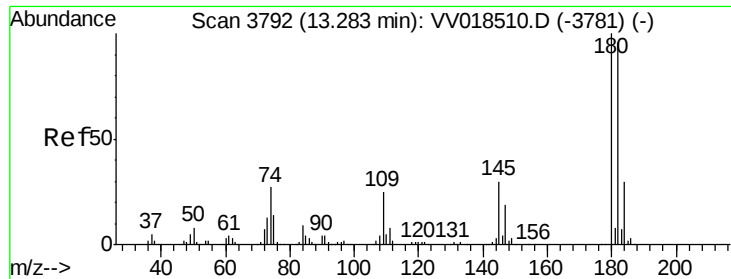
Abundance Ion 180.00 (179.70 to 180.70): V

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

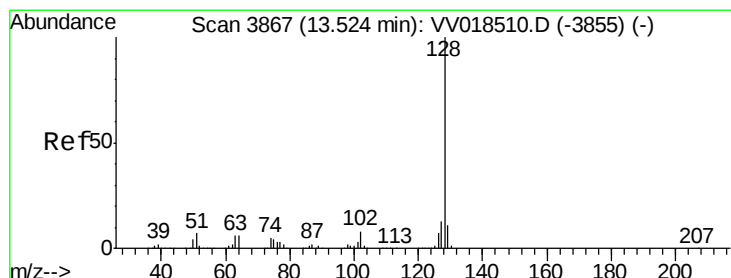
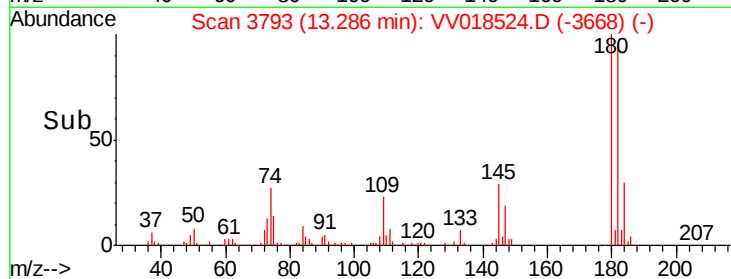
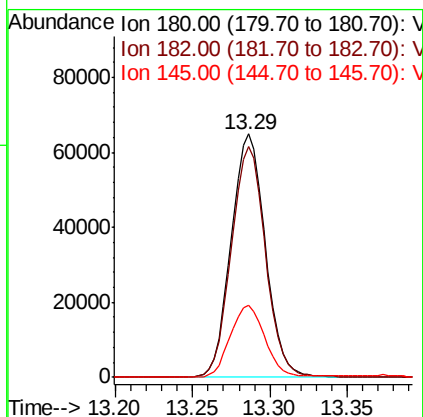
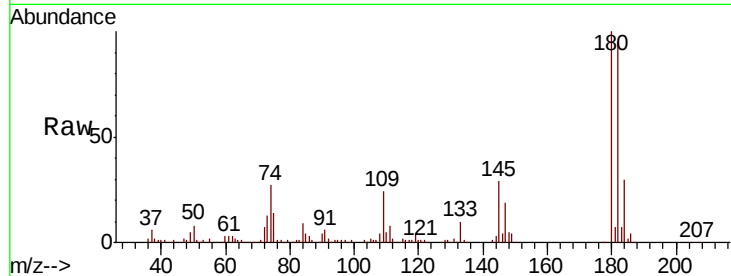




#68
 1,2,4-trichlorobenzene
 Concen: 20.539 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018524.D
 Acq: 29 Sep 2020 18:17

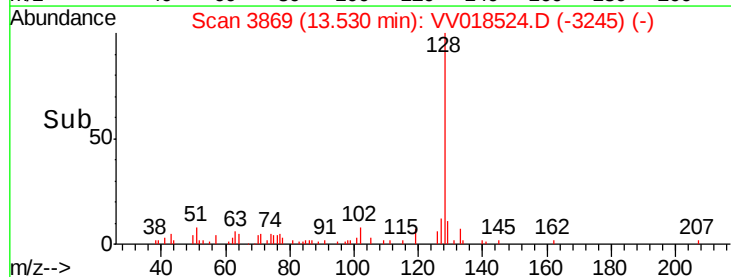
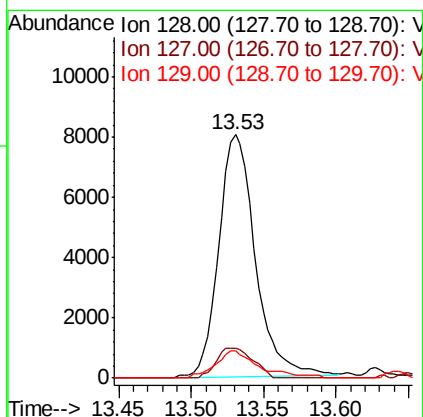
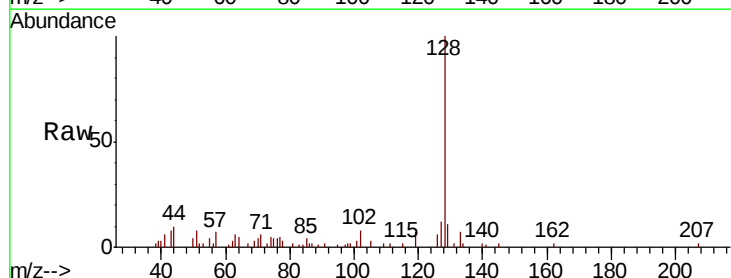
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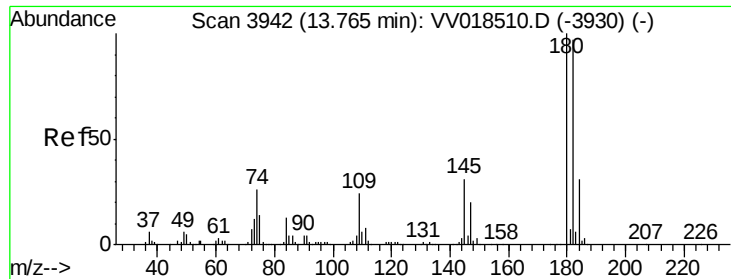
Tot Ion:180 Resp: 99337
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.3 114.5
 145 30.0 23.6 35.4



#69
 Naphthalene
 Concen: 1.013 ug/L
 RT: 13.53 min Scan# 3869
 Delta R.T. 0.01 min
 Lab File: VV018524.D
 Acq: 29 Sep 2020 18:17

Tgt Ion:128 Resp: 14018
 Ion Ratio Lower Upper
 128 100
 127 12.4 10.3 15.5
 129 11.5 8.6 12.8





#70

1,2,3-Trichlorobenzene

Concen: 2.381 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018524.D

Acq: 29 Sep 2020 18:17

Instrument :

MSVOA_V

ClientSampleId :

BG3Y0ME

Tot Ion:180 Resp: 11561

Ion Ratio Lower Upper

180 100

182 95.3 77.1 115.7

145 47.2 25.1 37.7#

