

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
 Data File : VV018573.D
 Acq On : 30 Sep 2020 16:39
 Operator : SY/MD
 Sample : L4117-15DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA3DL

Quant Time: Oct 01 07:42:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 07:39:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	387178	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	378562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	200439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82449	36.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.62%
7) Chloroethane-d5	1.58	69	84883	45.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.42%
11) 1,1-Dichloroethene-d2	2.12	63	148007	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	3.92	46	181468	107.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.14%
24) Chloroform-d	4.38	84	203444	41.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.86%
26) 1,2-Dichloroethane-d4	5.06	65	139382	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.42%
32) Benzene-d6	5.07	84	405651	42.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.09	67	129648	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.50%
41) Toluene-d8	7.34	98	375800	41.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.32%
43) trans-1,3-Dichloropropene-	7.64	79	64044	40.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.84%
47) 2-Hexanone-d5	8.11	63	99189	90.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.13%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	166259	43.28	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.56%
64) 1,2-Dichlorobenzene-d4	11.65	152	175562	45.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.08%

Target Compounds

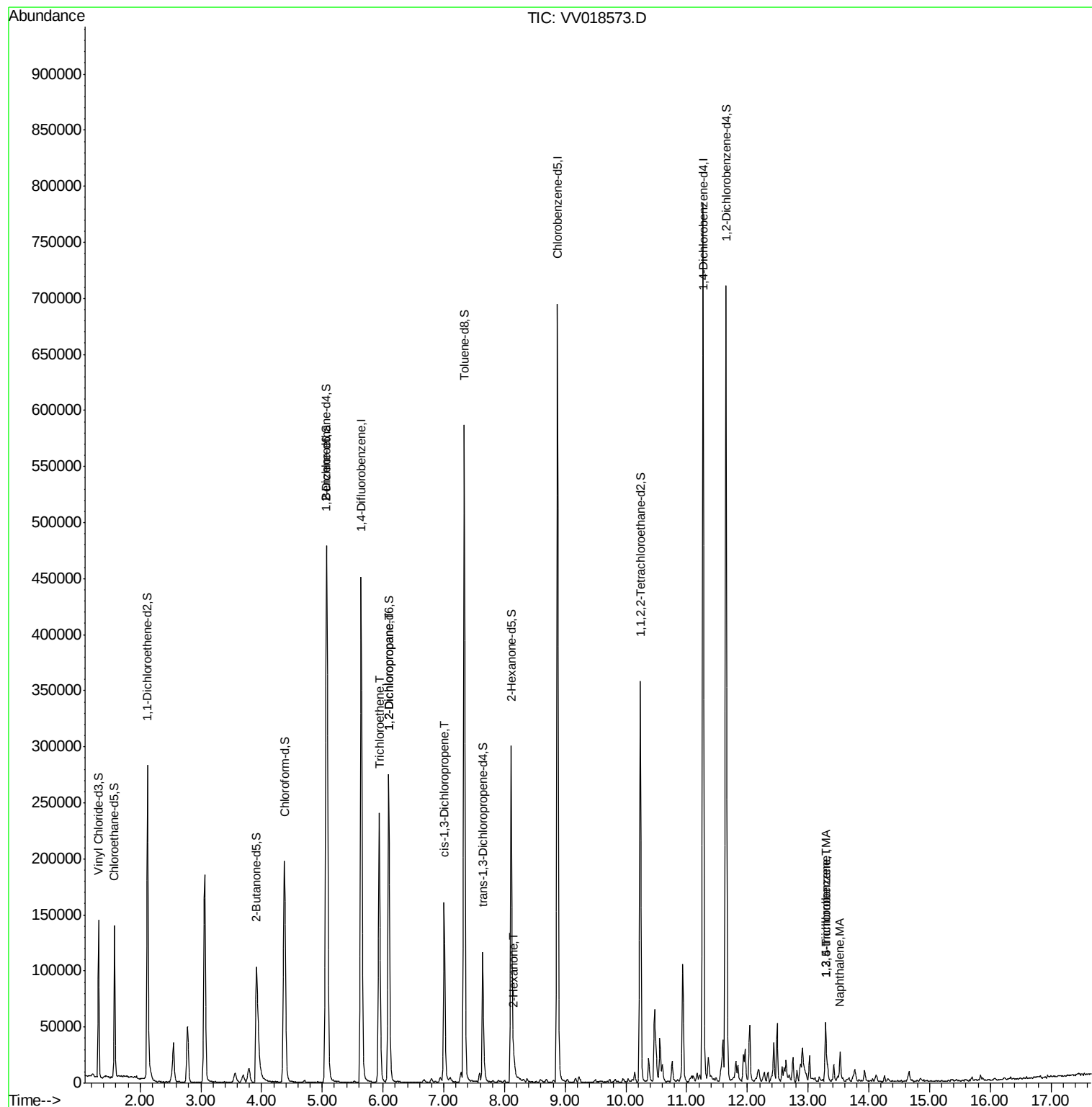
					Ovalue
34) Trichloroethene	5.94	95	78123	24.196	ug/L 98
37) 1,2-Dichloropropane	6.09	63	15011	5.261	ug/L # 85
39) cis-1,3-Dichloropropene	7.01	75	4081	0.912	ug/L # 69
48) 2-Hexanone	8.16	43	9222	3.210	ug/L # 76
67) 1,3,5-Trichlorobenzene	13.29	180	8409	1.871	ug/L 97
68) 1,2,4-trichlorobenzene	13.29	180	8409	2.011	ug/L 98
69) Naphthalene	13.53	128	20293	1.695	ug/L 98

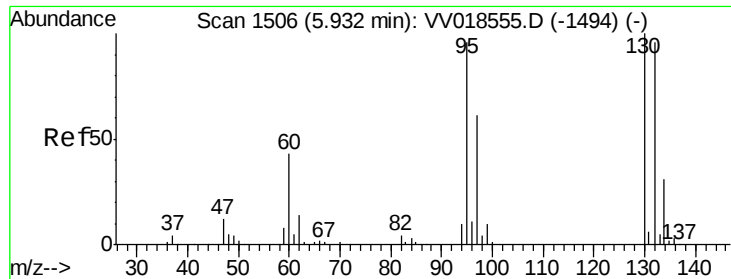
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 07:39:17 2020
Response via : Initial Calibration





#34

Trichloroethene

Concen: 24.196 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.01 min

Lab File: VV018573.D

Acq: 30 Sep 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

E0AA3DL

Tot Ion: 95 Resp: 78123

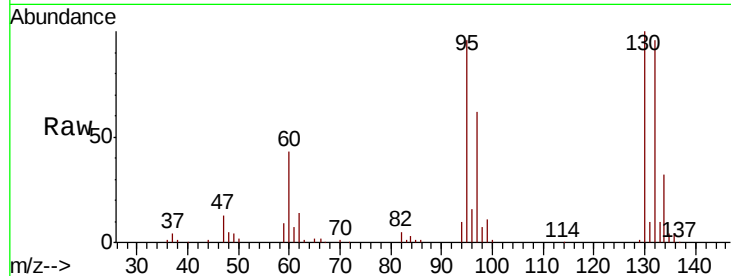
Ion Ratio Lower Upper

95 100

97 64.6 45.9 85.3

132 99.5 70.8 131.4

130 103.8 75.3 139.8

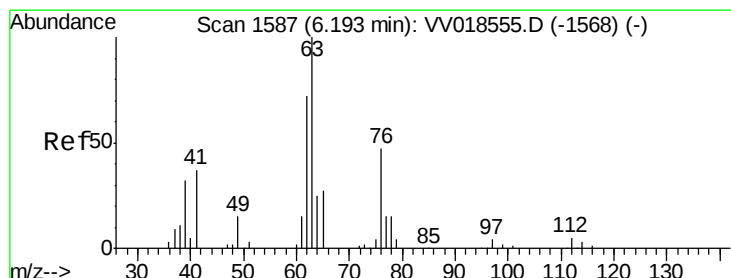
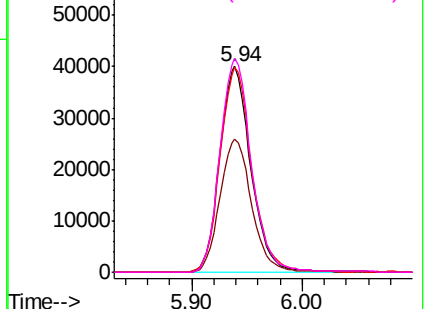
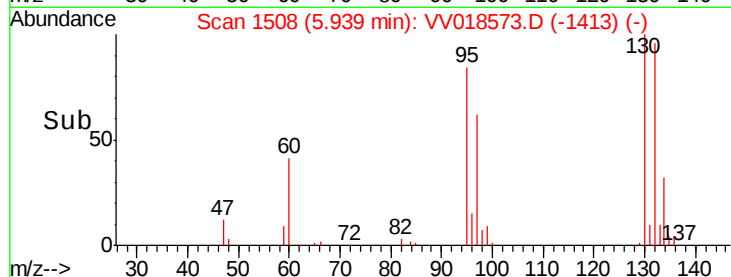


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#37

1,2-Dichloropropane

Concen: 5.261 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV018573.D

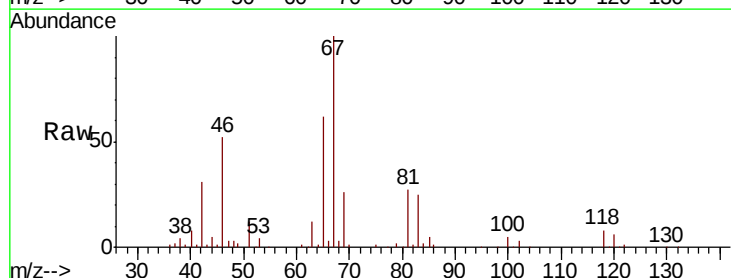
Acq: 30 Sep 2020 16:39

Tgt Ion: 63 Resp: 15011

Ion Ratio Lower Upper

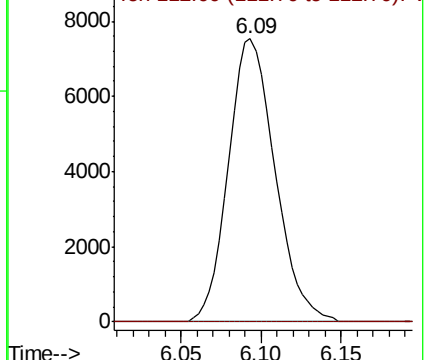
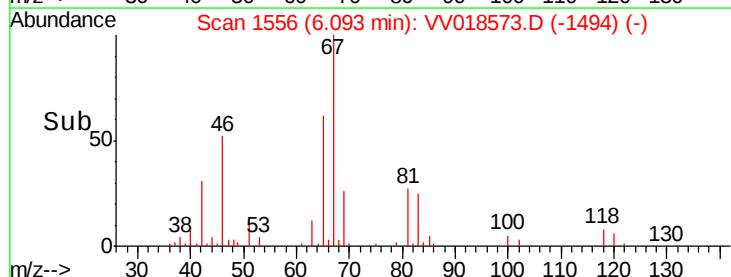
63 100

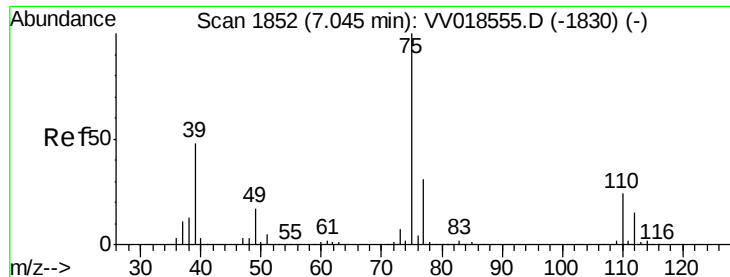
112 0.0 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

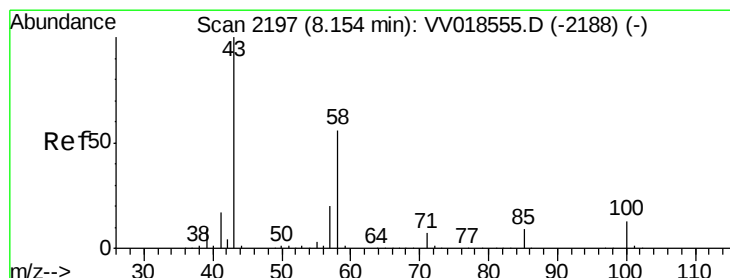
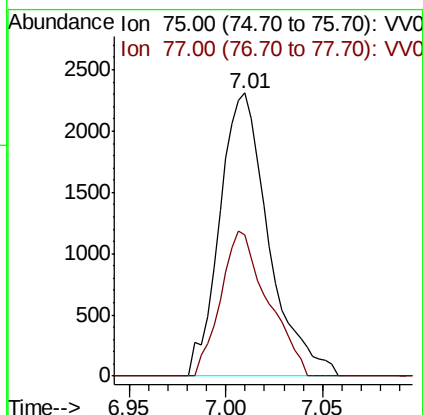
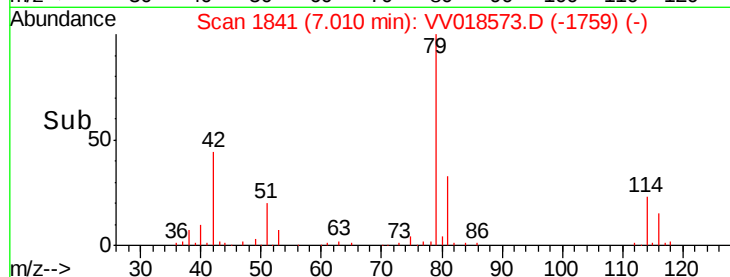
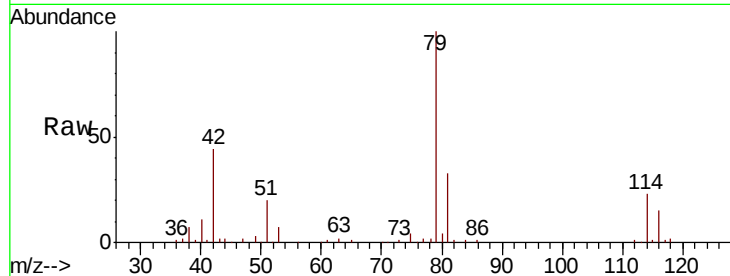




#39
 cis-1,3-Dichloropropene
 Concen: 0.912 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018573.D
 Acq: 30 Sep 2020 16:39

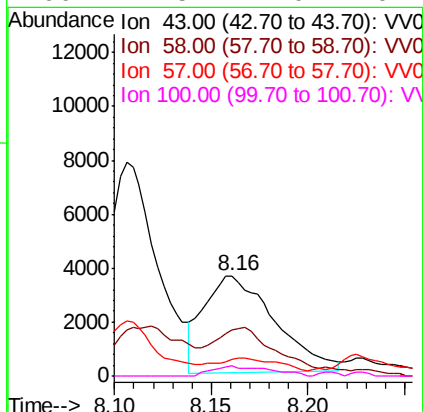
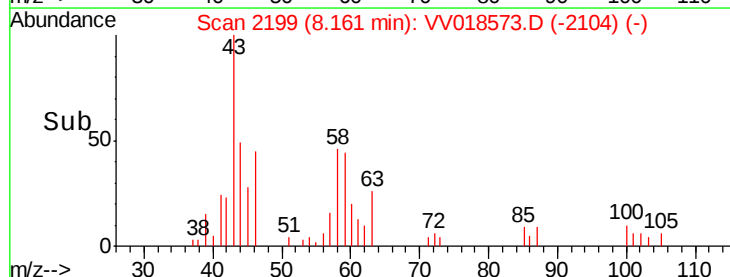
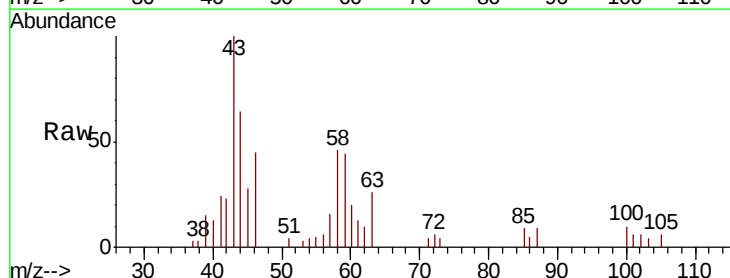
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 E0AA3DL

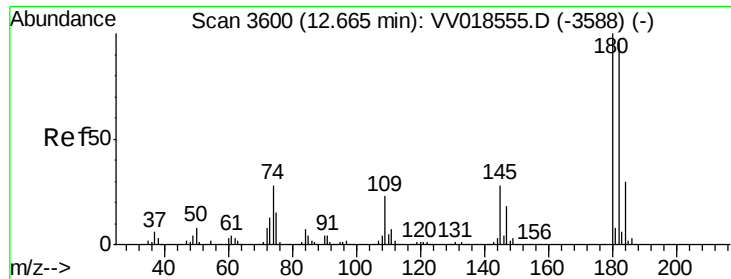
Tot Ion: 75 Resp: 4081
 Ion Ratio Lower Upper
 75 100
 77 50.0 23.0 42.6#



#48
 2-Hexanone
 Concen: 3.210 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.01 min
 Lab File: VV018573.D
 Acq: 30 Sep 2020 16:39

Tgt Ion: 43 Resp: 9222
 Ion Ratio Lower Upper
 43 100
 58 35.7 45.1 67.7#
 57 13.1 15.7 23.5#
 100 4.5 11.0 16.4#

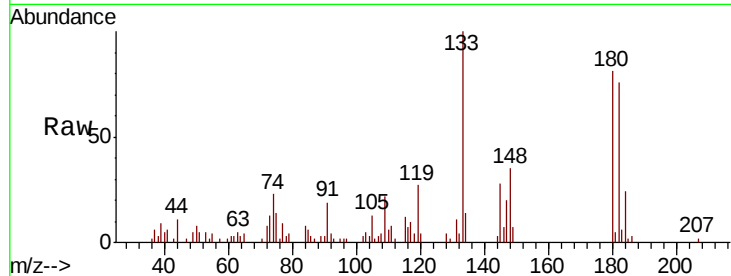




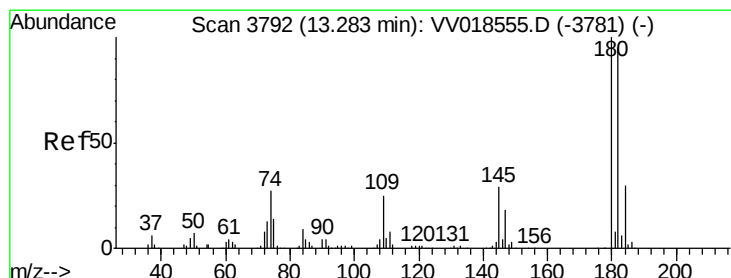
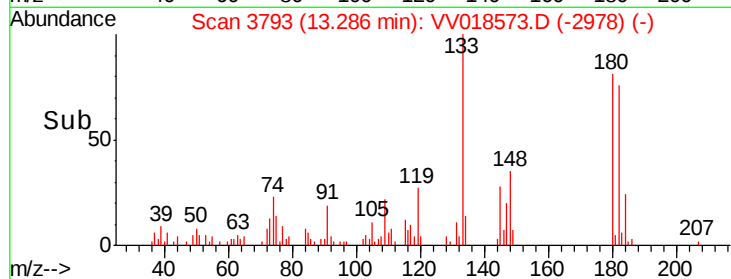
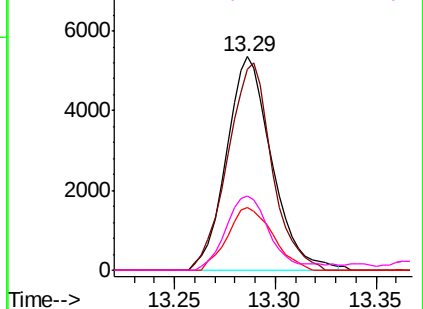
#67
 1,3,5-Trichlorobenzene
 Concen: 1.871 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV018573.D
 Acq: 30 Sep 2020 16:39

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA3DL

Tot Ion:180 Resp: 8409
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.1 115.7
 184 29.4 24.3 36.5
 145 33.4 22.9 34.3

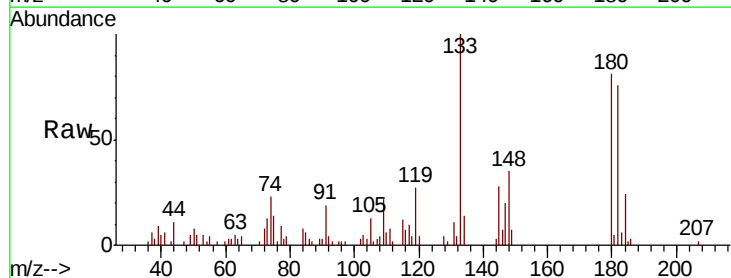


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

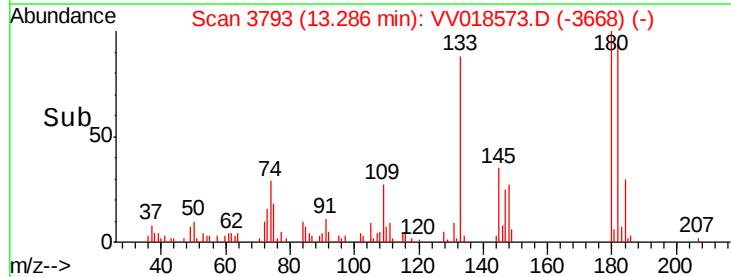
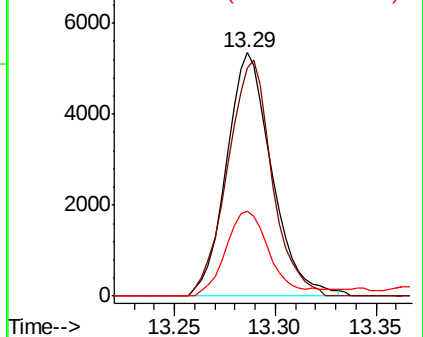


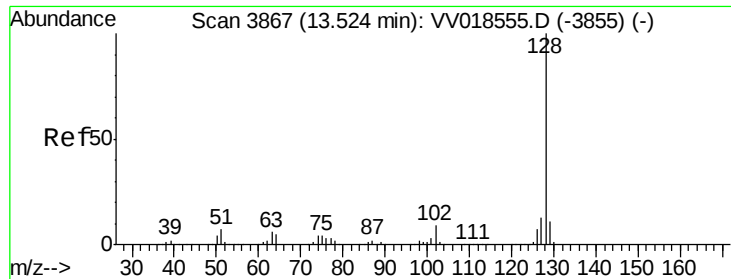
#68
 1,2,4-trichlorobenzene
 Concen: 2.011 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV018573.D
 Acq: 30 Sep 2020 16:39

Tgt Ion:180 Resp: 8409
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.3 114.5
 145 33.4 23.6 35.4



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





#69

Naphthalene

Concen: 1.695 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV018573.D

Acq: 30 Sep 2020 16:39

Instrument :

MSVOA_V

ClientSampleId :

E0AA3DL

Tot Ion:128 Resp: 20293

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 11.0 8.6 12.8

