

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080620\
 Data File : VV017818.D
 Acq On : 06 Aug 2020 17:33
 Operator : SY/MD
 Sample : L3590-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M21

Quant Time: Aug 07 05:31:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 05:27:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	225458	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225974	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	127140	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42104	38.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.60%
7) Chloroethane-d5	1.58	69	42005	44.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.50%
11) 1,1-Dichloroethene-d2	2.12	63	85327	32.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.60%
21) 2-Butanone-d5	3.91	46	76617	92.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.68%
24) Chloroform-d	4.38	84	139615	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
26) 1,2-Dichloroethane-d4	5.06	65	108290	49.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.68%
32) Benzene-d6	5.08	84	234356	43.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.66%
36) 1,2-Dichloropropane-d6	6.09	67	61940	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.90%
41) Toluene-d8	7.34	98	233815	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.64	79	33055	33.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.74%
47) 2-Hexanone-d5	8.11	63	51293	80.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	90409	40.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.10%
64) 1,2-Dichlorobenzene-d4	11.65	152	123288	49.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

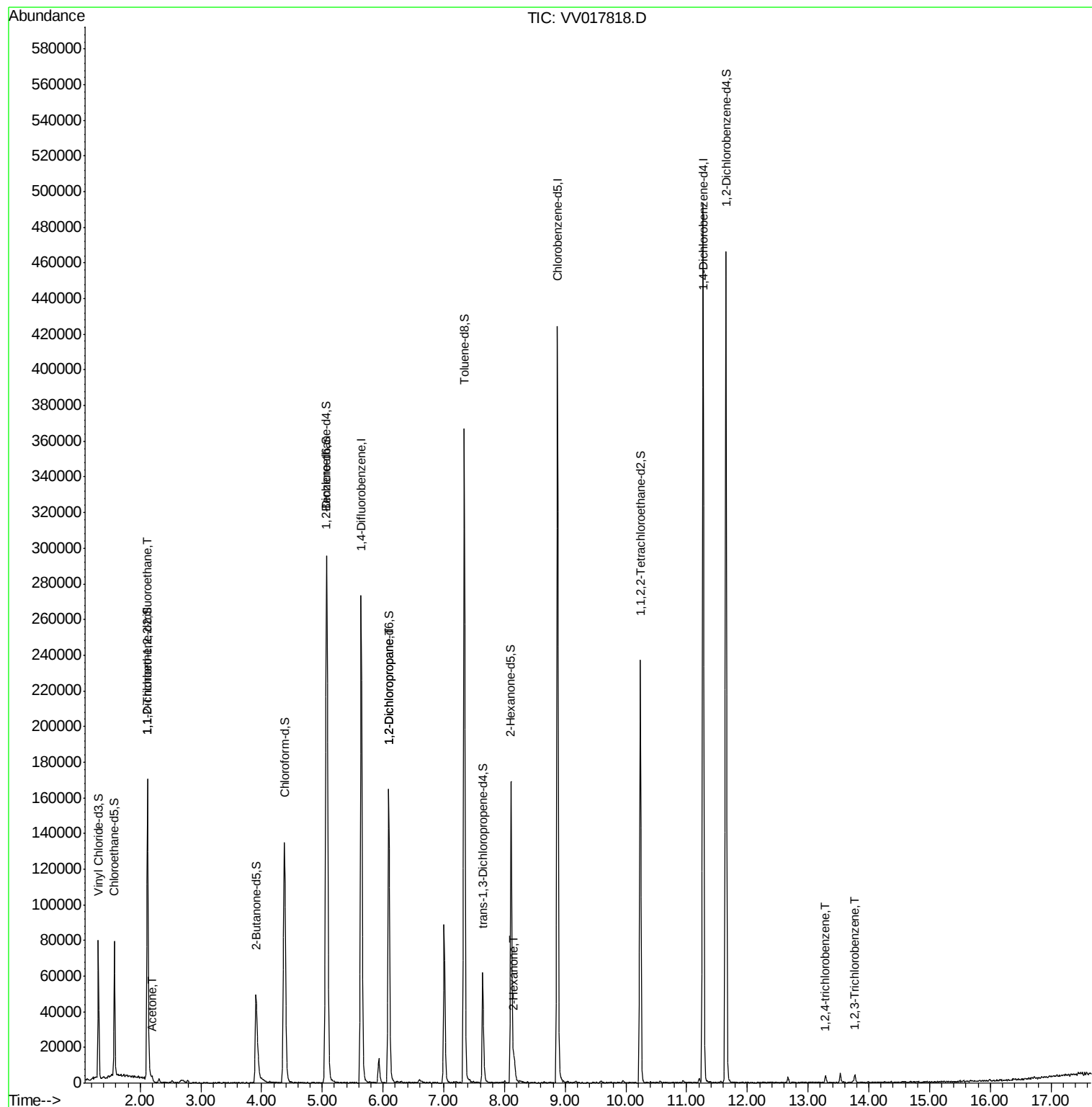
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1005	0.691 ug/L #	25
13) Acetone	2.19	43	2859	2.723 ug/L	58
37) 1,2-Dichloropropane	6.10	63	9496	6.760 ug/L #	83
48) 2-Hexanone	8.16	43	6729	4.320 ug/L #	90
68) 1,2,4-trichlorobenzene	13.29	180	1775	0.644 ug/L #	84
70) 1,2,3-Trichlorobenzene	13.77	180	1853	0.678 ug/L	93

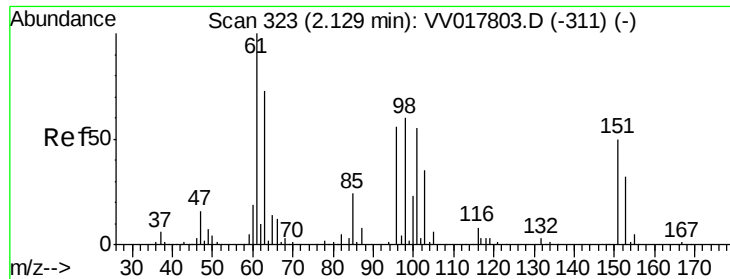
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 05:27:52 2020
Response via : Initial Calibration





#10

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

Concen: 0.691 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017818.D

Acq: 06 Aug 2020 17:33

Instrument :

MSVOA_V

ClientSampleId :

F2M21

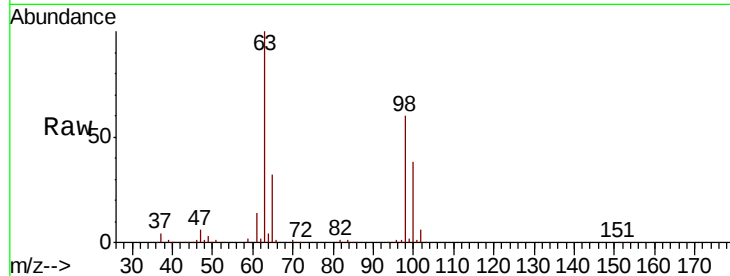
Tot Ion:101 Resp: 1005

Ion Ratio Lower Upper

101 100

85 7.3 37.2 55.8#

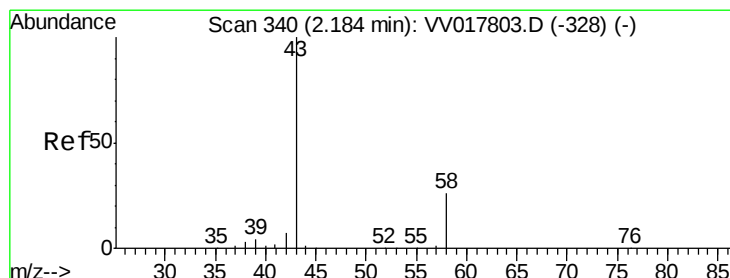
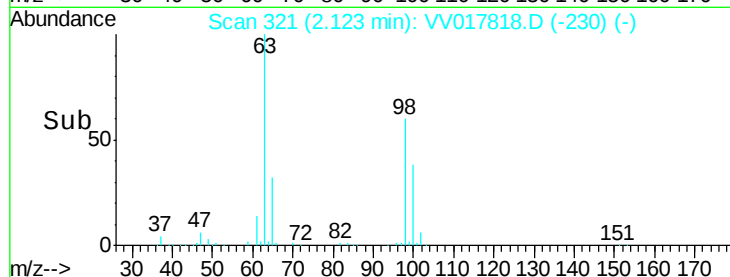
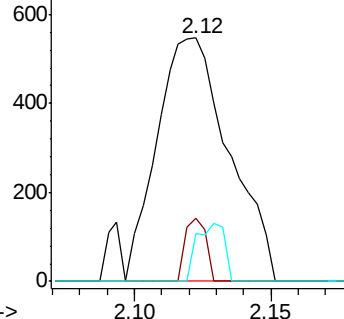
151 9.0 68.2 102.2#



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



#13

Acetone

Concen: 2.723 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.01 min

Lab File: VV017818.D

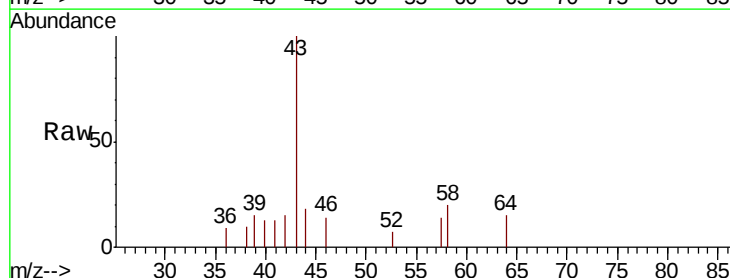
Acq: 06 Aug 2020 17:33

Tgt Ion: 43 Resp: 2859

Ion Ratio Lower Upper

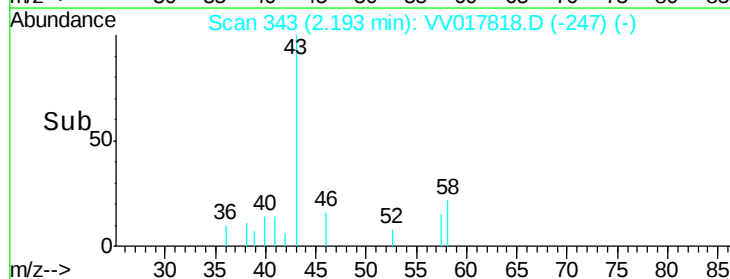
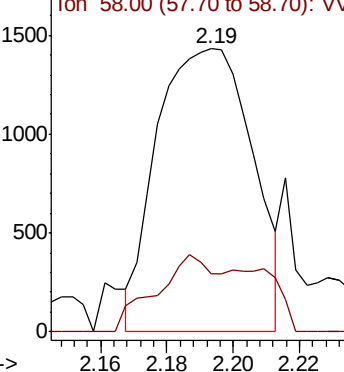
43 100

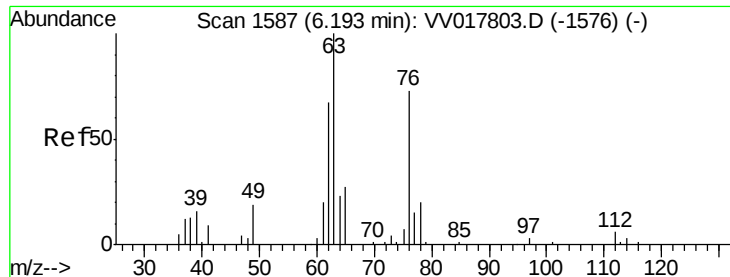
58 4.9 0.0 52.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

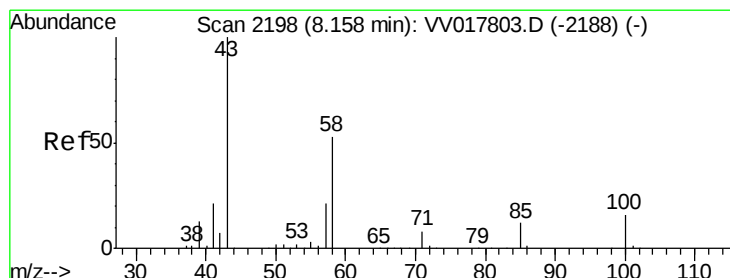
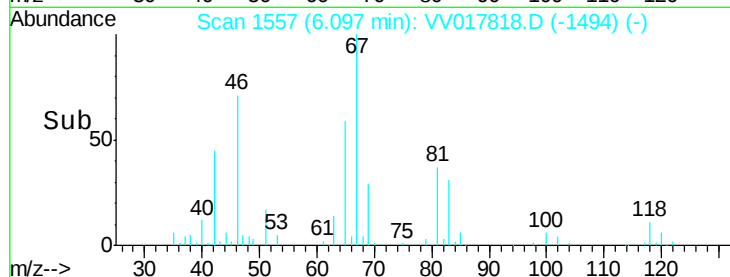
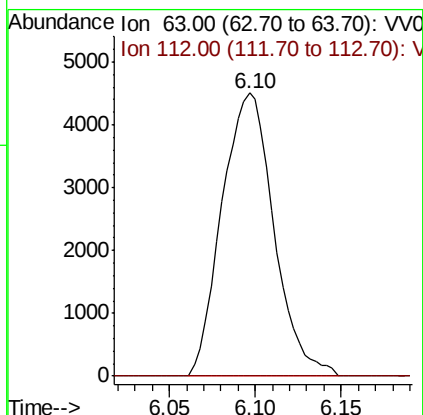
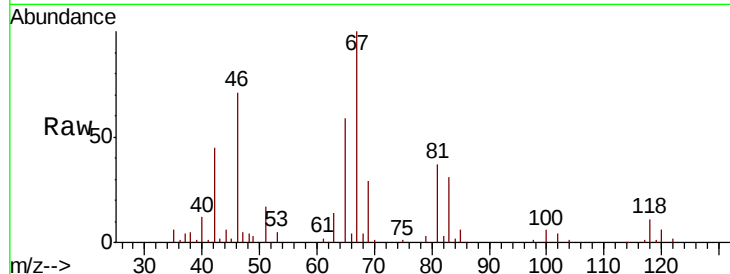




#37
 1,2-Dichloropropane
 Concen: 6.760 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017818.D
 Acq: 06 Aug 2020 17:33

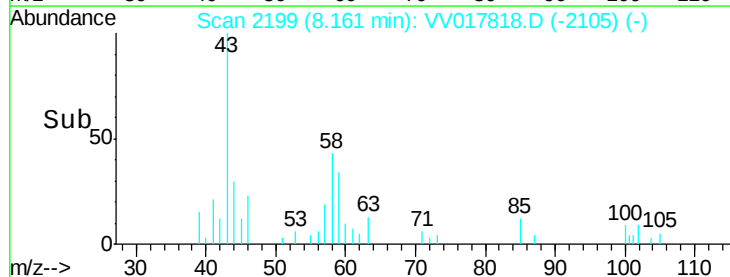
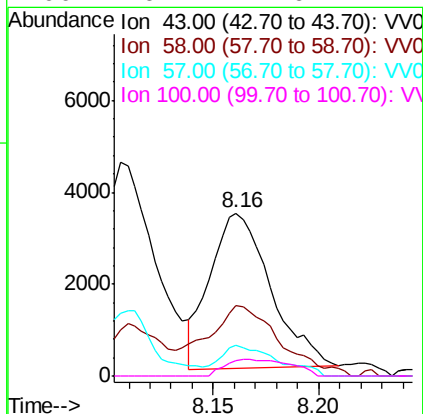
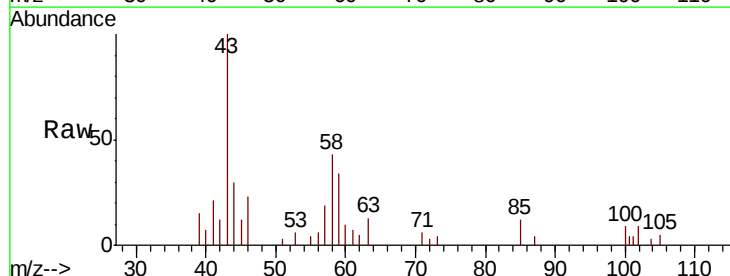
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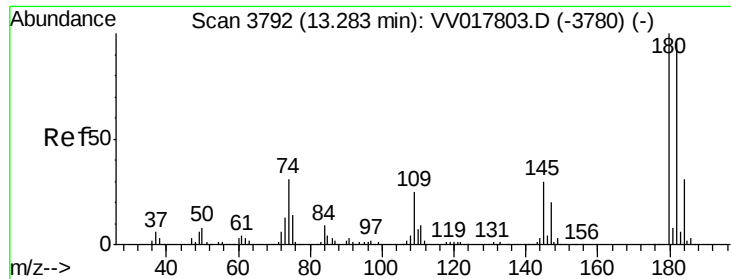
Tot Ion: 63 Resp: 9496
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.6 6.8#



#48
 2-Hexanone
 Concen: 4.320 ug/L
 RT: 8.16 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VV017818.D
 Acq: 06 Aug 2020 17:33

Tgt Ion: 43 Resp: 6729
 Ion Ratio Lower Upper
 43 100
 58 46.2 42.8 64.2
 57 18.7 16.6 24.8
 100 6.7 11.6 17.4#

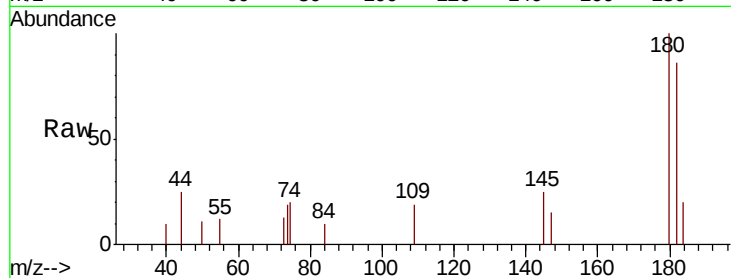




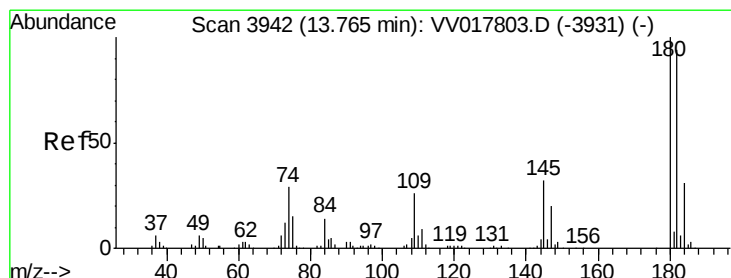
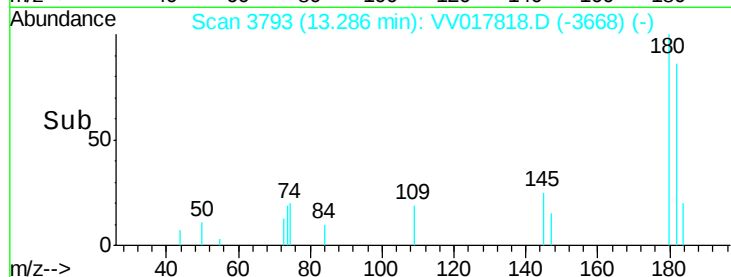
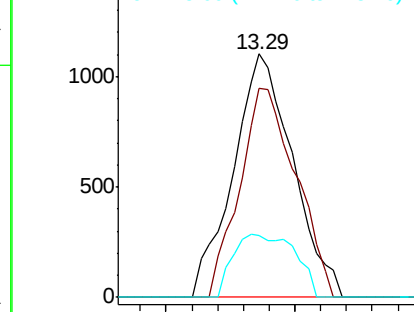
#68
 1,2,4-trichlorobenzene
 Concen: 0.644 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017818.D
 Acq: 06 Aug 2020 17:33

Instrument :
 MSVOA_V
 ClientSampleId :
 F2M21

Tot Ion:180 Resp: 1775
 Ion Ratio Lower Upper
 180 100
 182 81.2 76.0 114.0
 145 18.2 24.6 36.8#

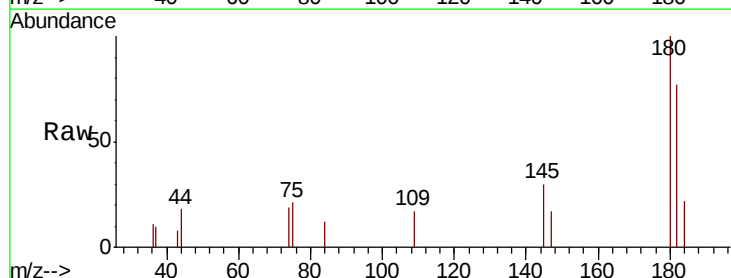


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 0.678 ug/L
 RT: 13.77 min Scan# 3944
 Delta R.T. 0.01 min
 Lab File: VV017818.D
 Acq: 06 Aug 2020 17:33

Tgt Ion:180 Resp: 1853
 Ion Ratio Lower Upper
 180 100
 182 88.8 76.7 115.1
 145 29.4 26.4 39.6



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

