

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
 Data File : VV017543.D
 Acq On : 20 Jul 2020 14:38
 Operator : SY/MD
 Sample : VV0720WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 21 01:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 20 18:07:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	283935	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304473	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	136846	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76311	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.36%
7) Chloroethane-d5	1.58	69	61592	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.50%
11) 1,1-Dichloroethene-d2	2.12	63	138083	35.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.70%
21) 2-Butanone-d5	3.91	46	110507	96.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.03%
24) Chloroform-d	4.38	84	167026	46.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.06%
26) 1,2-Dichloroethane-d4	5.05	65	121994	49.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.52%
32) Benzene-d6	5.07	84	298270	44.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.84%
36) 1,2-Dichloropropane-d6	6.09	67	95771	48.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.70%
41) Toluene-d8	7.34	98	274715	43.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.34%
43) trans-1,3-Dichloropropene-	7.64	79	50297	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.54%
47) 2-Hexanone-d5	8.11	63	85268	91.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.67%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	150099	52.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	124596	50.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.76%

Target Compounds

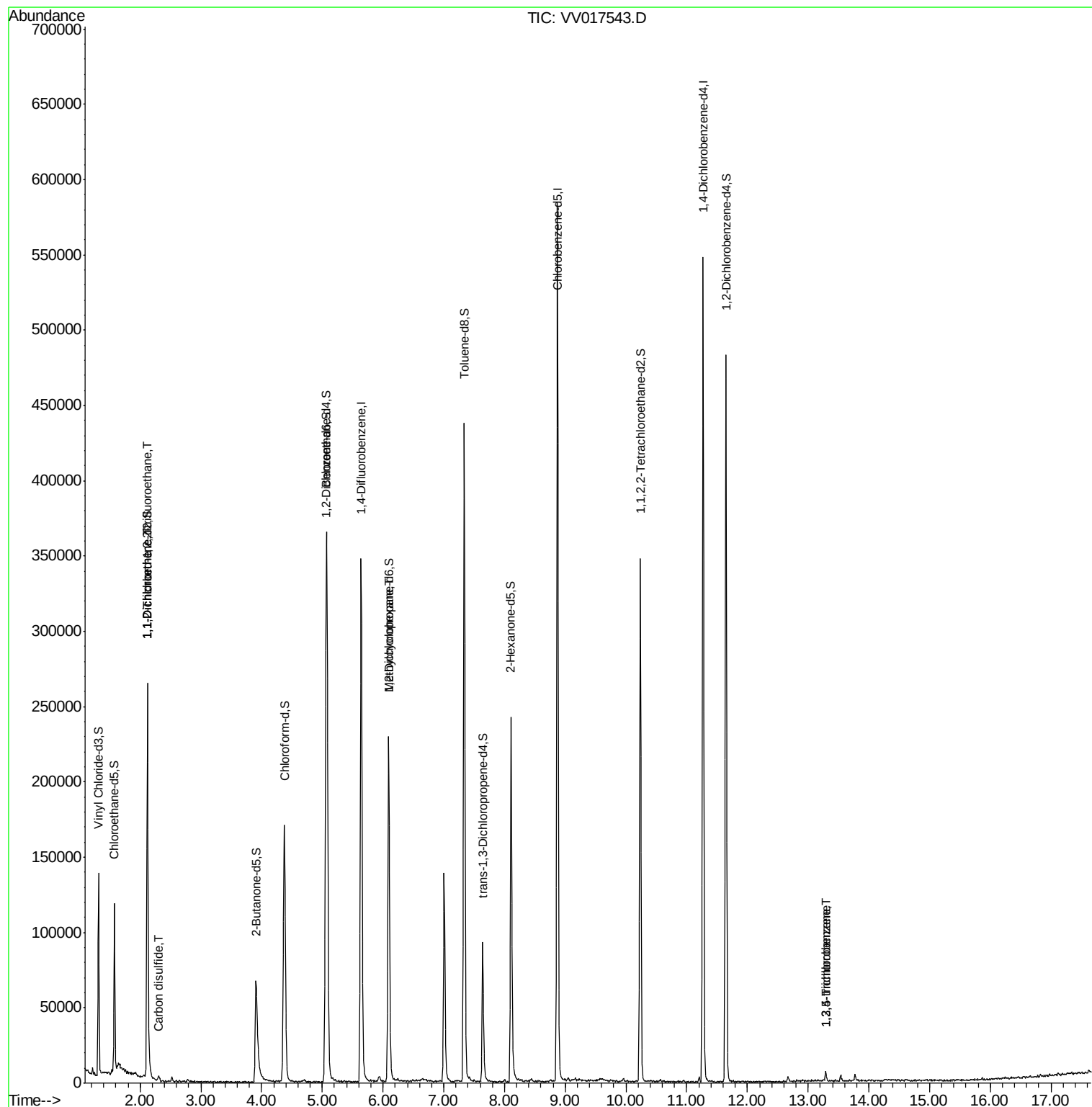
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1625	0.768 ug/L #	33
12) 1,1-Dichloroethene	2.12	96	1373	0.725 ug/L #	1
14) Carbon disulfide	2.31	76	3014	0.586 ug/L #	87
35) Methylcyclohexane	6.09	83	26228	8.203 ug/L #	19
67) 1,3,5-Trichlorobenzene	13.29	180	2132	0.623 ug/L	88
68) 1,2,4-trichlorobenzene	13.29	180	2132	0.693 ug/L	88

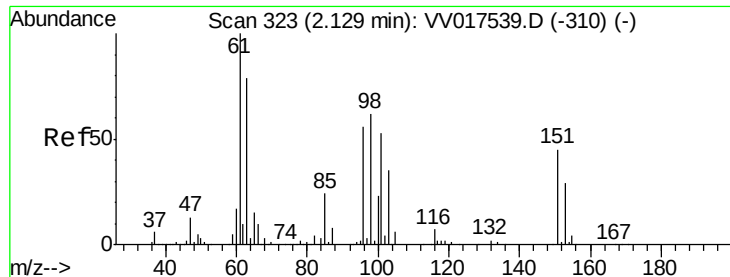
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jul 20 18:07:44 2020
Response via : Initial Calibration





#10

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

Concen: 0.768 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV017543.D

Acq: 20 Jul 2020 14:38

Instrument :

MSVOA_V

ClientSampled :

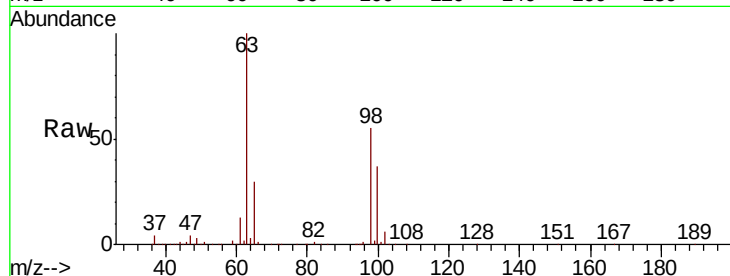
Tot Ion:101 Resp: 1625

Ion Ratio Lower Upper

101 100

85 8.1 36.2 54.4#

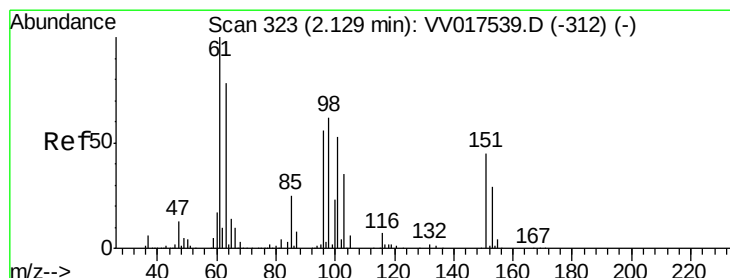
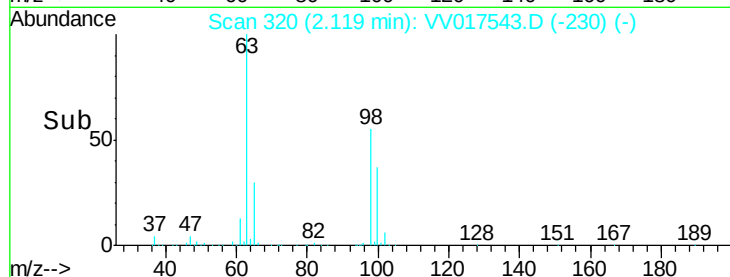
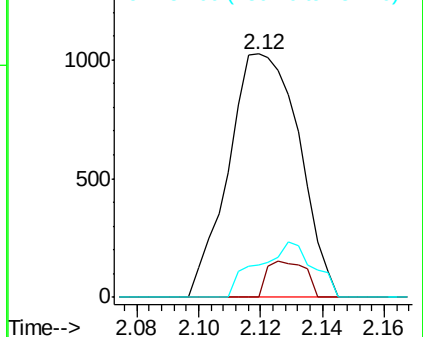
151 17.8 65.9 98.9#



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



#12

1,1-Dichloroethene

Concen: 0.725 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017543.D

Acq: 20 Jul 2020 14:38

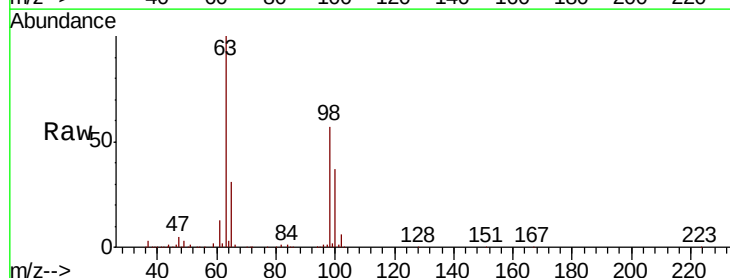
Tgt Ion: 96 Resp: 1373

Ion Ratio Lower Upper

96 100

61 1195.6 126.0 234.0#

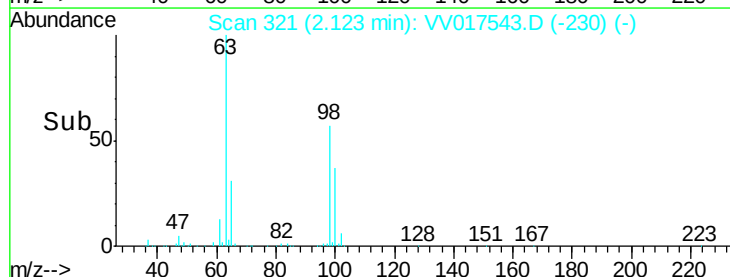
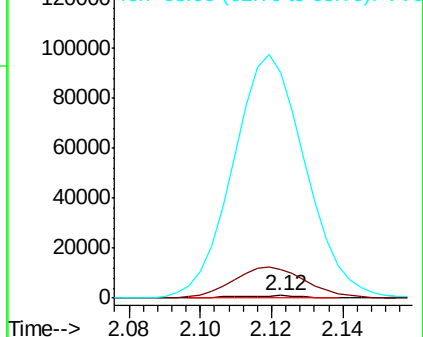
63 9270.5 99.8 185.4#

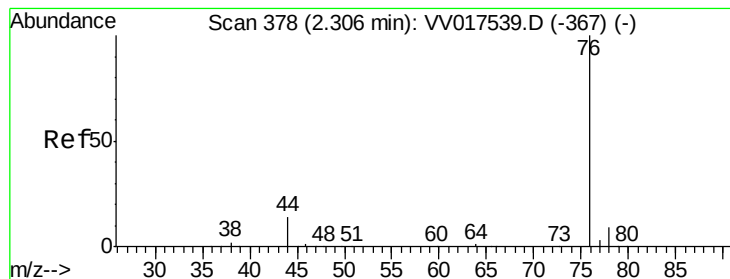


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#14

Carbon disulfide

Concen: 0.586 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017543.D

Acq: 20 Jul 2020 14:38

Instrument :

MSVOA_V

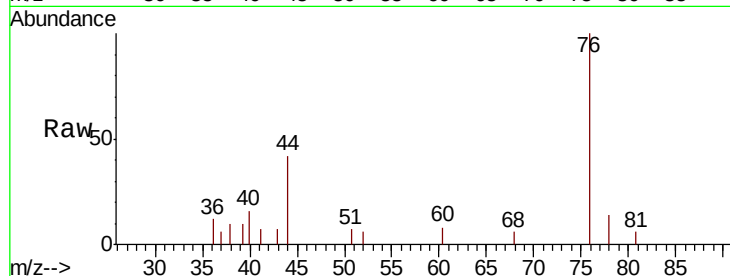
ClientSampleId :

Tot Ion: 76 Resp: 3014

Ion Ratio Lower Upper

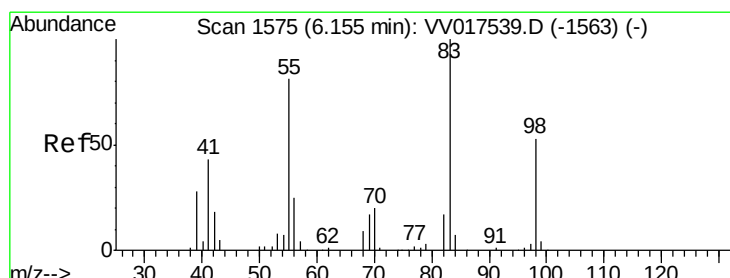
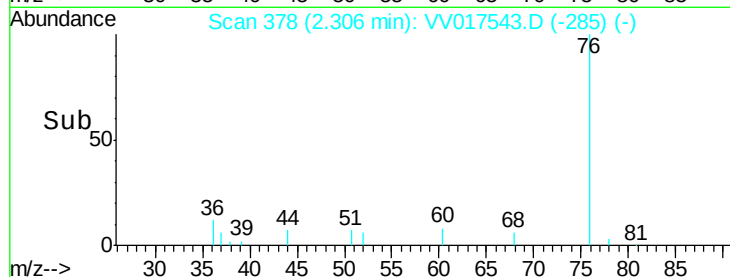
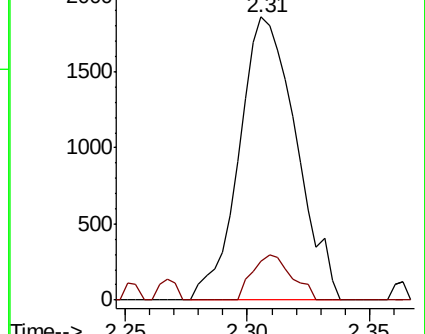
76 100

78 13.7 7.3 10.9#



Abundance Ion 76.00 (75.70 to 76.70): VV0

Ion 78.00 (77.70 to 78.70): VV0



#35

Methylcyclohexane

Concen: 8.203 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV017543.D

Acq: 20 Jul 2020 14:38

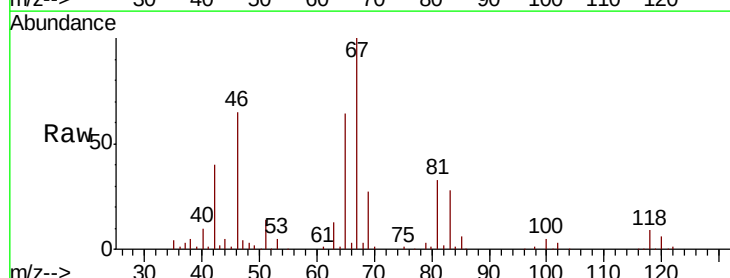
Tgt Ion: 83 Resp: 26228

Ion Ratio Lower Upper

83 100

55 0.4 60.7 91.1#

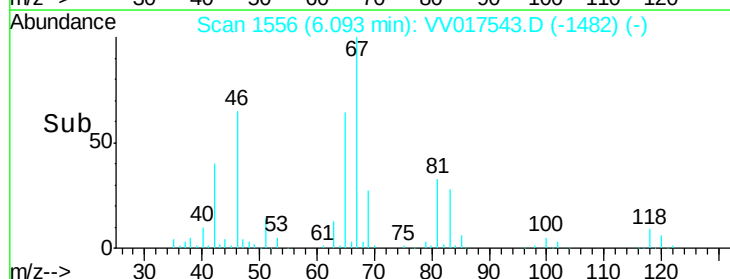
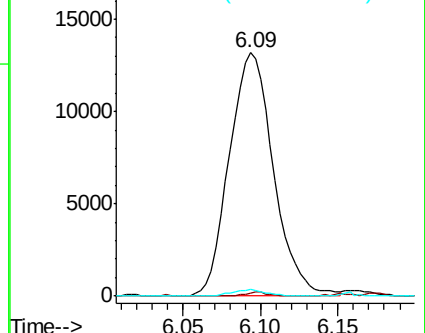
98 2.0 40.8 61.2#

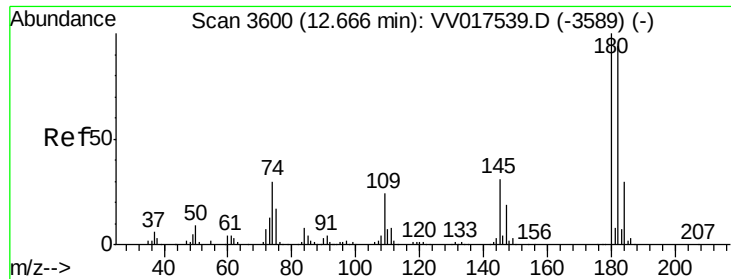


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

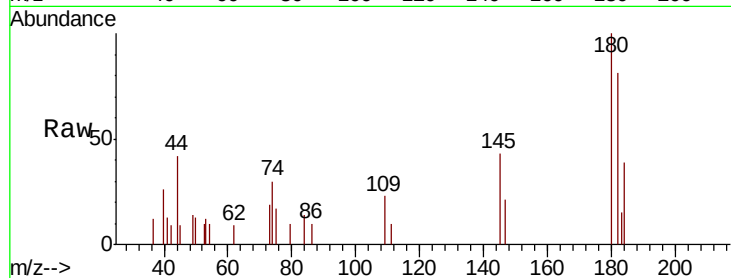




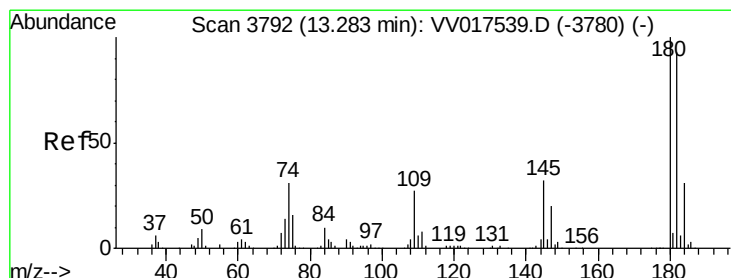
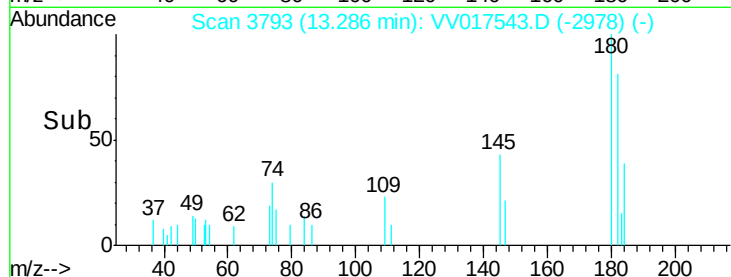
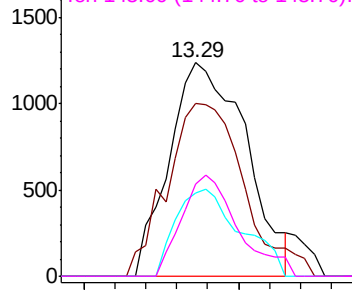
#67
 1,3,5-Trichlorobenzene
 Concen: 0.623 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.62 min
 Lab File: VV017543.D
 Acq: 20 Jul 2020 14:38

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	2132	
Ion	Ratio	Lower	Upper
180	100		
182	81.1	76.0	114.0
184	34.9	24.4	36.6
145	33.8	24.2	36.4

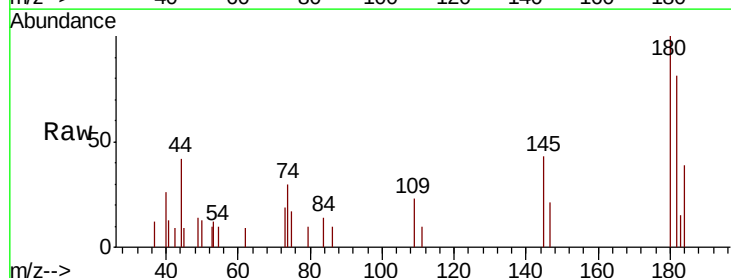


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 0.693 ug/L
 RT: 13.29 min Scan# 3793
 Delta R.T. 0.00 min
 Lab File: VV017543.D
 Acq: 20 Jul 2020 14:38

Tgt	Ion:180	Resp:	2132
Ion	Ratio	Lower	Upper
180	100		
182	81.1	76.0	114.0
145	33.8	24.9	37.3



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

