

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013873.D
 Acq On : 02 Dec 2019 15:59
 Operator : SY/MD
 Sample : K6028-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 03 03:05:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	601607	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	538110	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	243352	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	168059	48.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	184297	50.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.50%
11) 1,1-Dichloroethene-d2	2.13	63	282393	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.92	46	253790	103.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.63%
24) Chloroform-d	4.39	84	393193	53.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.62%
26) 1,2-Dichloroethane-d4	5.08	65	267167	57.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.40%
32) Benzene-d6	5.09	84	854672	61.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.58%
36) 1,2-Dichloropropane-d6	6.11	67	249395	59.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	119.16%
41) Toluene-d8	7.35	98	717914	56.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.96%
43) trans-1,3-Dichloropropene-	7.66	79	110340	54.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.36%
47) 2-Hexanone-d5	8.13	63	156018	99.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.83%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	304364	50.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.44%
64) 1,2-Dichlorobenzene-d4	11.67	152	277407	58.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.08%

Target Compounds

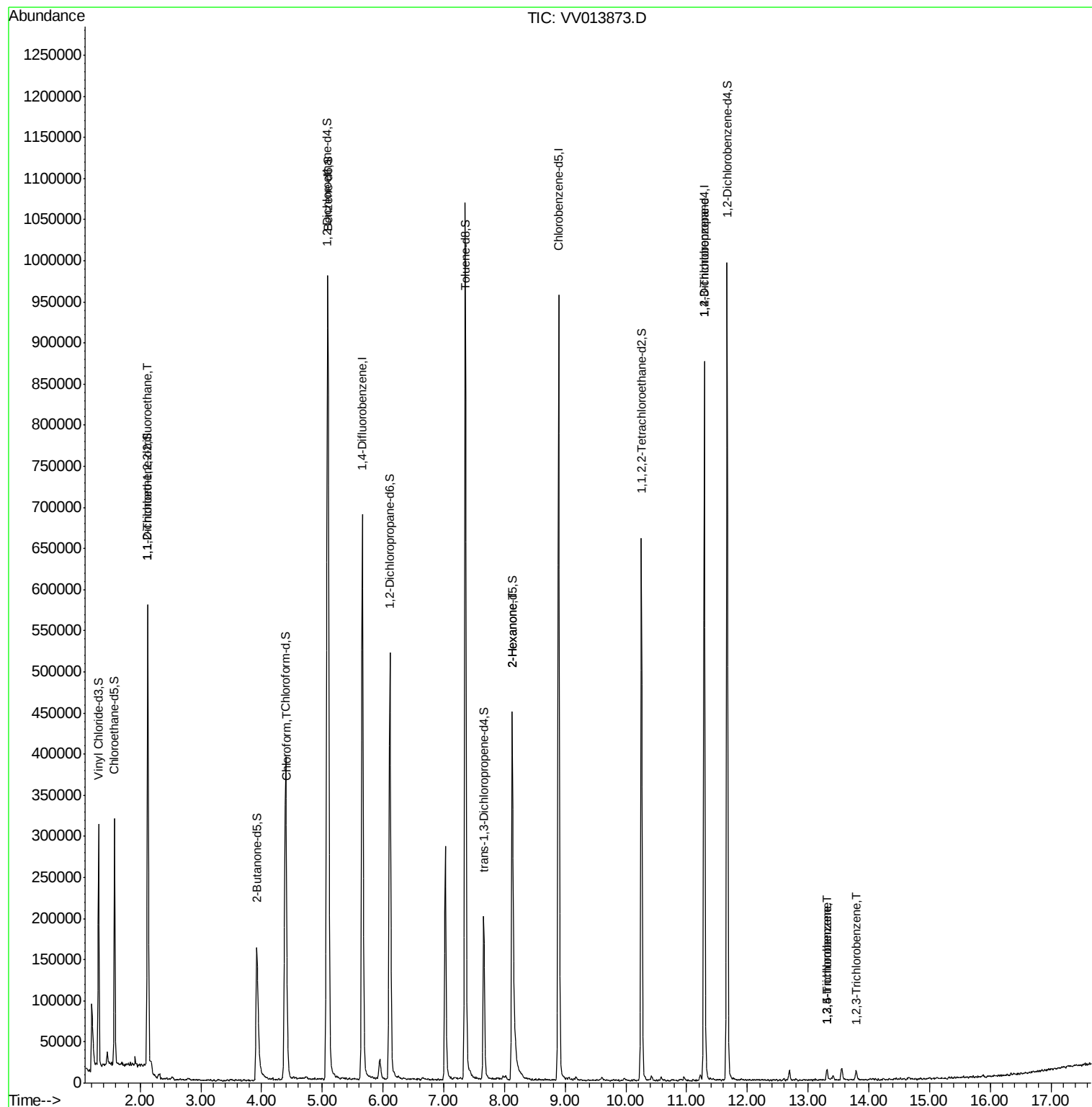
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3807	0.841 ug/L #	16
25) Chloroform	4.42	83	5953	0.723 ug/L	91
48) 2-Hexanone	8.13	43	19916	4.937 ug/L #	78
59) 1,2,3-Trichloropropane	11.29	75	24700	4.706 ug/L	89
67) 1,3,5-Trichlorobenzene	13.31	180	4777	0.737 ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	4777	0.816 ug/L	93
70) 1,2,3-Trichlorobenzene	13.79	180	4227	0.691 ug/L #	95

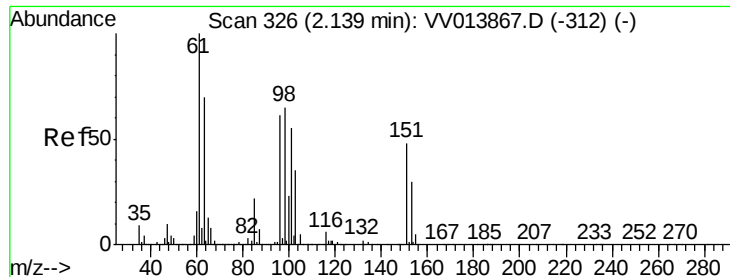
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 03 02:59:26 2019
Response via : Initial Calibration





#10

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

Concen: 0.841 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013873.D

Acq: 02 Dec 2019 15:59

Instrument :

MSVOA_V

ClientSampleId :

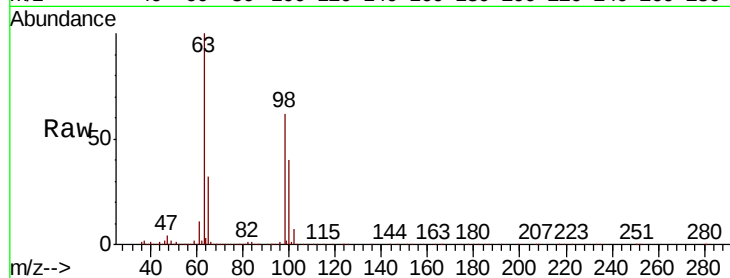
Tot Ion:101 Resp: 3807

Ion Ratio Lower Upper

101 100

85 2.4 32.5 48.7#

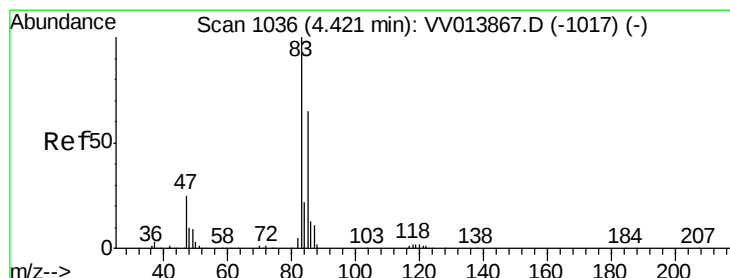
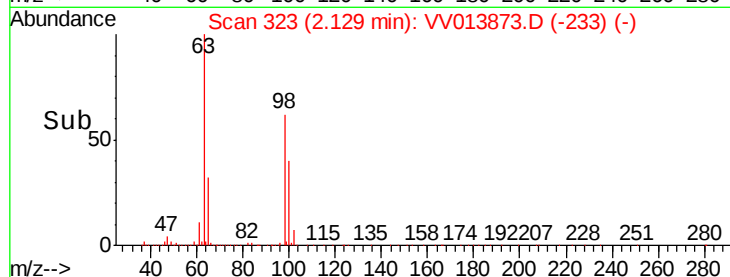
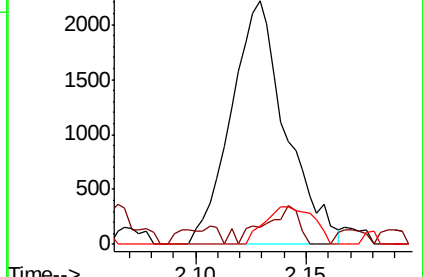
151 0.0 69.8 104.6#



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



#25

Chloroform

Concen: 0.723 ug/L

RT: 4.42 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VV013873.D

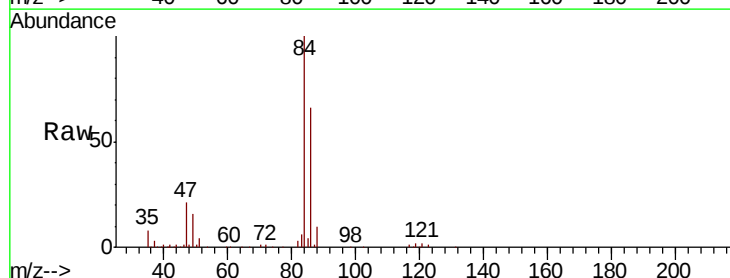
Acq: 02 Dec 2019 15:59

Tgt Ion: 83 Resp: 5953

Ion Ratio Lower Upper

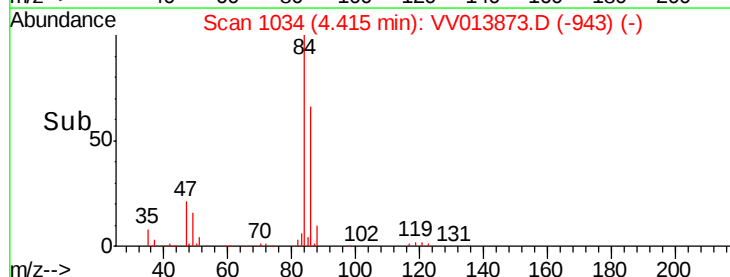
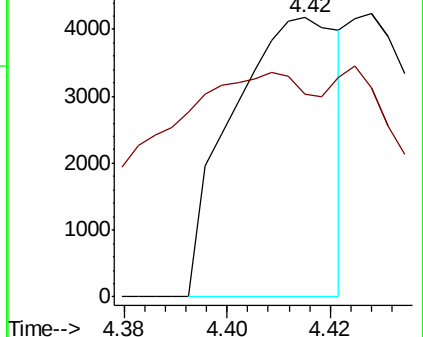
83 100

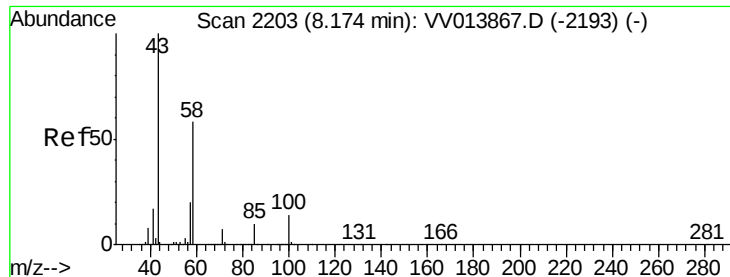
85 72.7 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

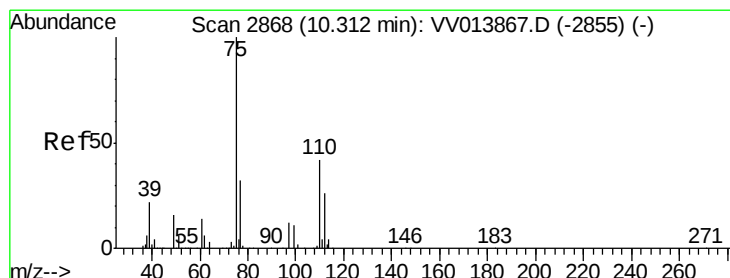
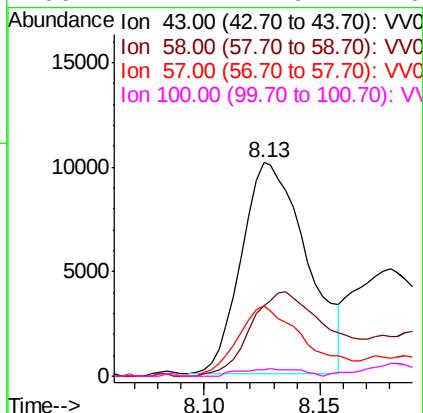
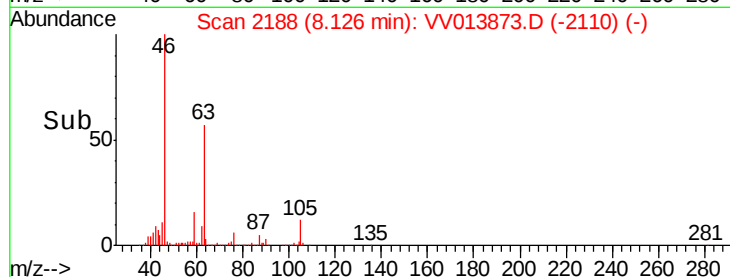
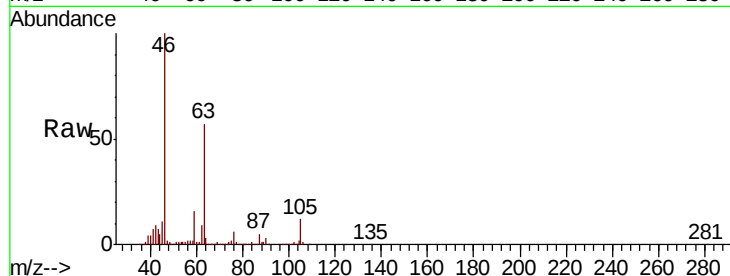




#48
2-Hexanone
Concen: 4.937 ug/L
RT: 8.13 min Scan# 2188
Delta R.T. -0.05 min
Lab File: VV013873.D
Acq: 02 Dec 2019 15:59

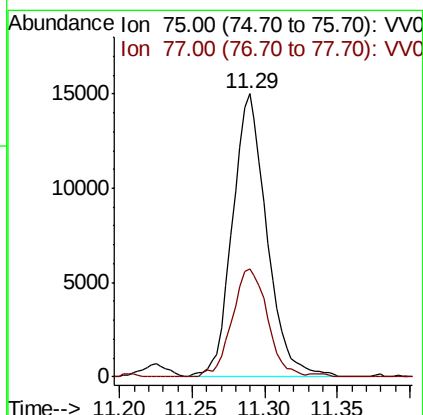
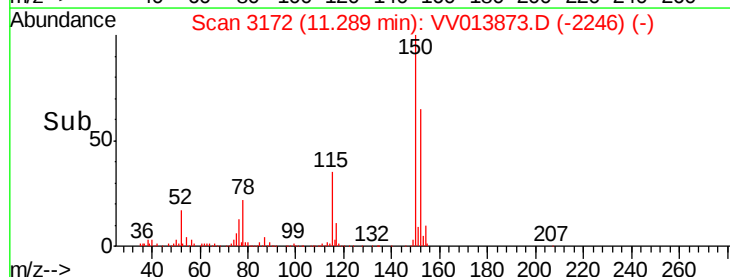
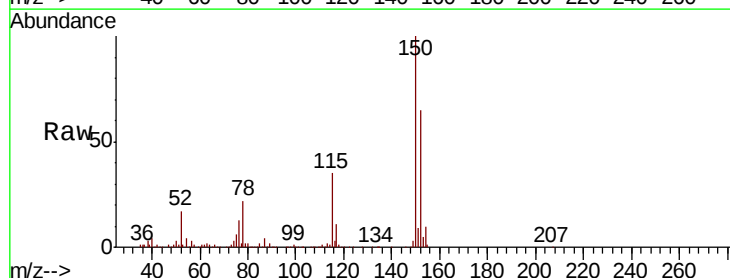
Instrument :
MSVOA_V
ClientSampleId :

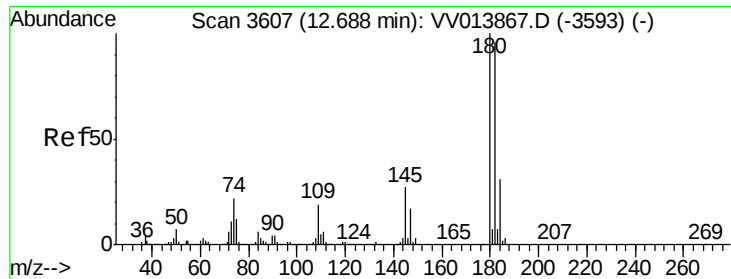
Tot Ion	Ratio	Lower	Upper
43	100		
58	47.5	48.4	72.6#
57	34.8	16.6	24.8#
100	2.4	11.9	17.9#



#59
1,2,3-Trichloropropane
Concen: 4.706 ug/L
RT: 11.29 min Scan# 3172
Delta R.T. 0.98 min
Lab File: VV013873.D
Acq: 02 Dec 2019 15:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.5	25.8	38.8

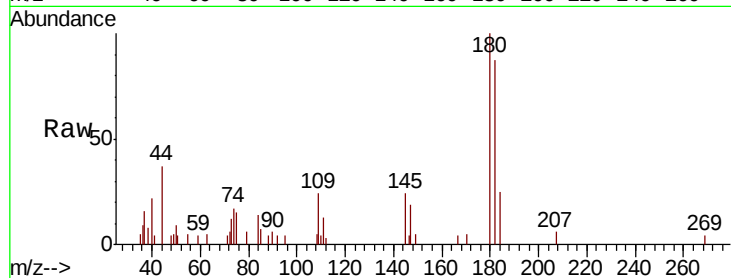




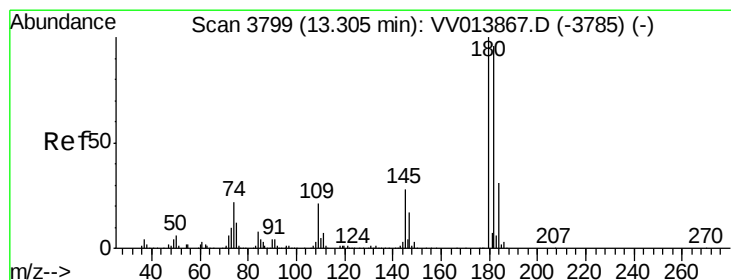
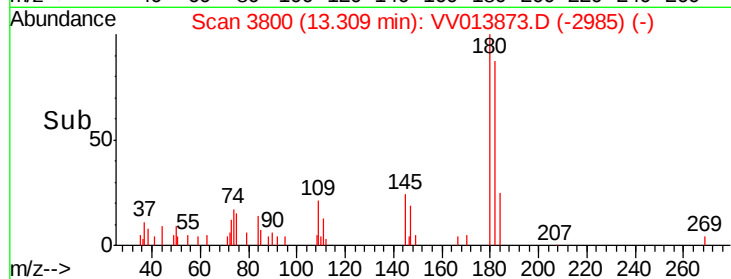
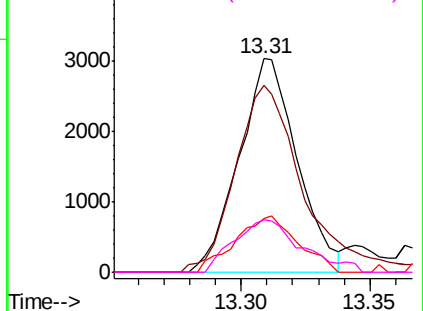
#67
 1,3,5-Trichlorobenzene
 Concen: 0.737 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.62 min
 Lab File: VV013873.D
 Acq: 02 Dec 2019 15:59

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180	Resp:	4777	
Ion Ratio	Lower	Upper	
180 100			
182 101.0	76.2	114.4	
184 28.3	24.2	36.4	
145 22.7	21.1	31.7	

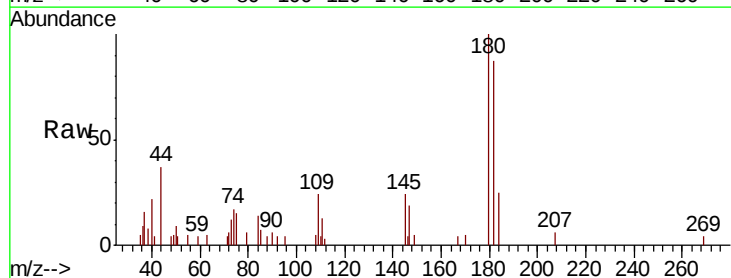


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

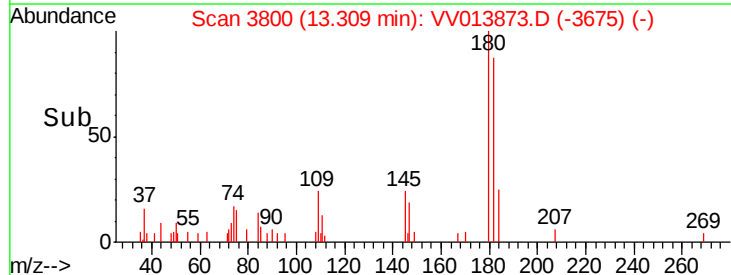
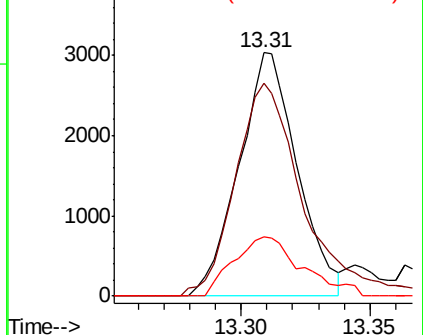


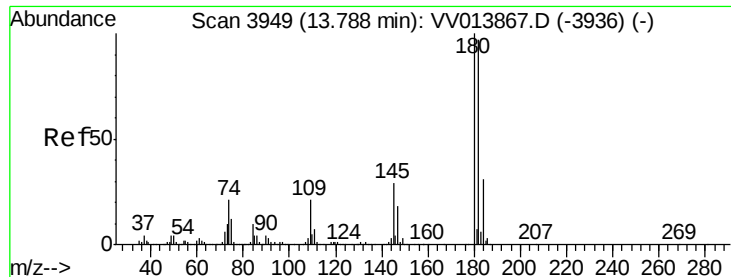
#68
 1,2,4-trichlorobenzene
 Concen: 0.816 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013873.D
 Acq: 02 Dec 2019 15:59

Tgt	Ion:180	Resp:	4777
Ion	Ratio	Lower	Upper
180	100		
182	101.0	76.2	114.4
145	22.7	21.9	32.9



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

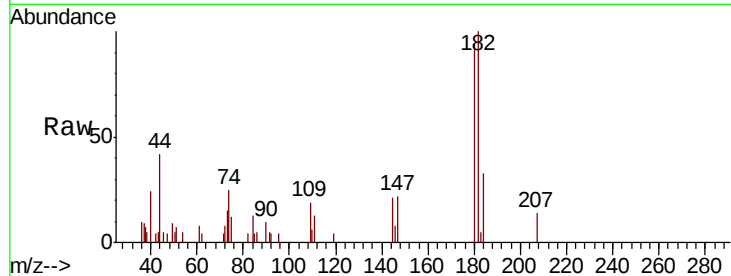




#70
 1,2,3-Trichlorobenzene
 Concen: 0.691 ug/L
 RT: 13.79 min Scan# 3951
 Delta R.T. 0.01 min
 Lab File: VV013873.D
 Acq: 02 Dec 2019 15:59

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.0	115.4
145	17.9	22.6	34.0



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

