

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
 Data File : VV013302.D
 Acq On : 23 Oct 2019 17:52
 Operator : SY/MD
 Sample : K5395-05
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0043

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:45:38 AM

Quant Time: Oct 24 04:04:22 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M

Quant Title : VOC Analysis

QLast Update : Thu Oct 24 02:50:44 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1271700	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1199155	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	537811	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	380727	45.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.32%
7) Chloroethane-d5	1.58	69	310725	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.50%
11) 1,1-Dichloroethene-d2	2.13	63	459591	37.26	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.52%
21) 2-Butanone-d5	3.97	46	563632	99.79	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.79%
24) Chloroform-d	4.40	84	834141	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
26) 1,2-Dichloroethane-d4	5.08	65	523515	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
32) Benzene-d6	5.10	84	1772326	48.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	553133	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.36	98	1591613	47.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.64%
43) trans-1,3-Dichloropropene-	7.66	79	237920	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.34%
47) 2-Hexanone-d5	8.14	63	342916	99.04	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	705683	46.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	625285	50.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.32%

Target Compounds

					Qvalue
13) Acetone	2.25	43	14885m	3.566	ug/L
53) m,p-Xylene	9.18	106	8512	0.556	ug/L
55) Styrene	9.60	104	17929	0.708	ug/L
63) 1,4-Dichlorobenzene	11.32	146	14465	0.802	ug/L
68) 1,2,4-trichlorobenzene	13.31	180	15492	1.412	ug/L
70) 1,2,3-Trichlorobenzene	13.79	180	44869	3.816	ug/L

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

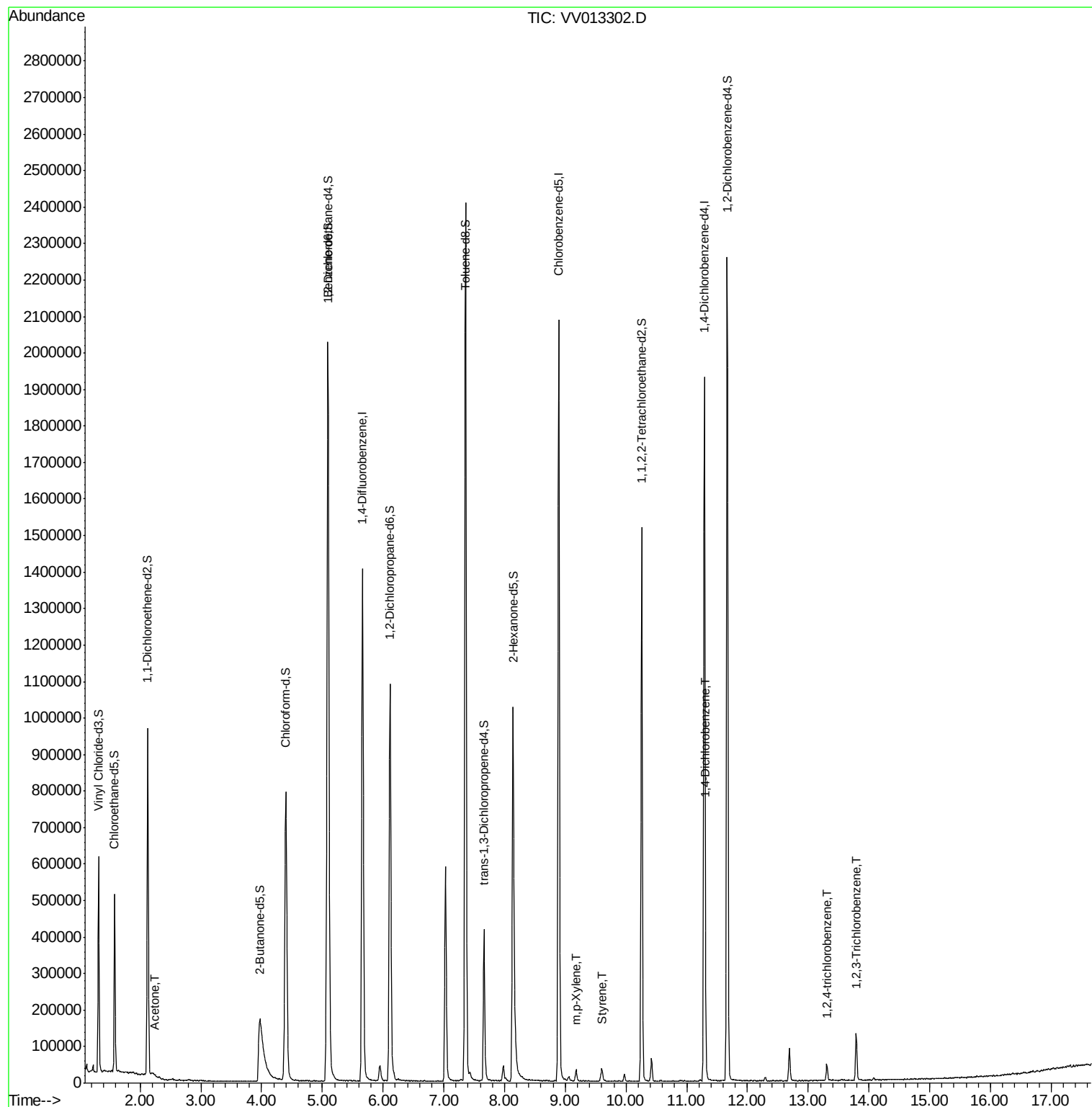
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
Data File : VV013302.D
Acq On : 23 Oct 2019 17:52
Operator : SY/MD
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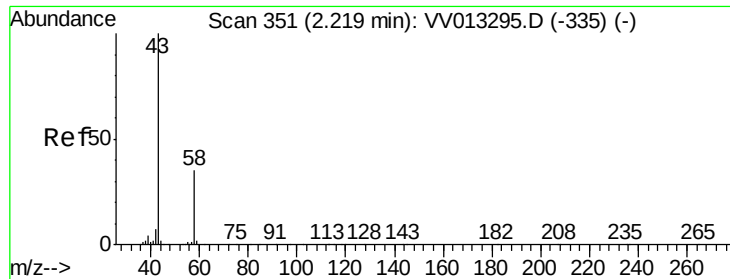
Instrument :
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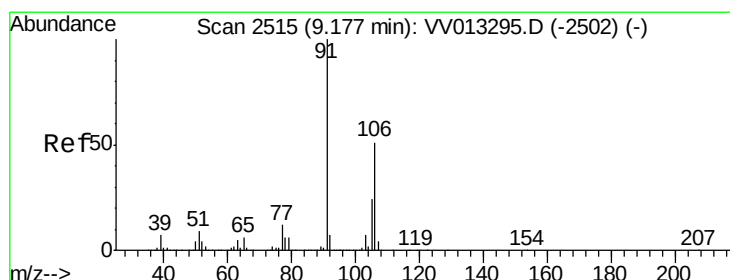
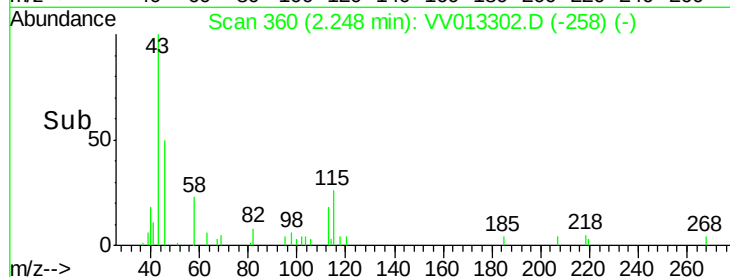
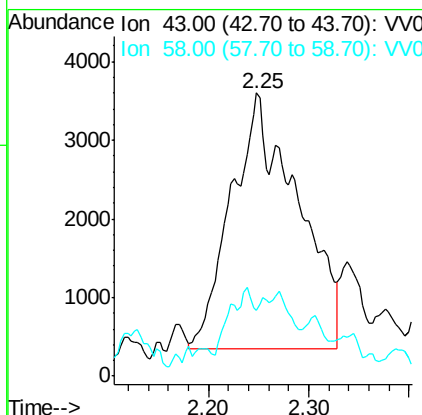
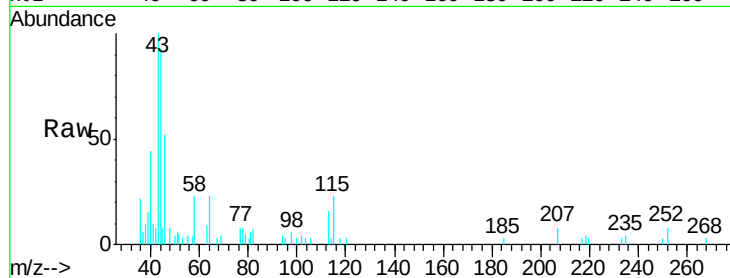
#13
Acetone
Concen: 3.566 ug/L m
RT: 2.25 min Scan# 360
Delta R.T. 0.03 min
Lab File: VV013302.D
Acq: 23 Oct 2019 17:52

Instrument :
MSVOA_V
ClientSampleId :
C0043

Tgt Ion: 43 Resp: 14885
Ion Ratio Lower Upper
43 100
58 4.1 0.0 64.0

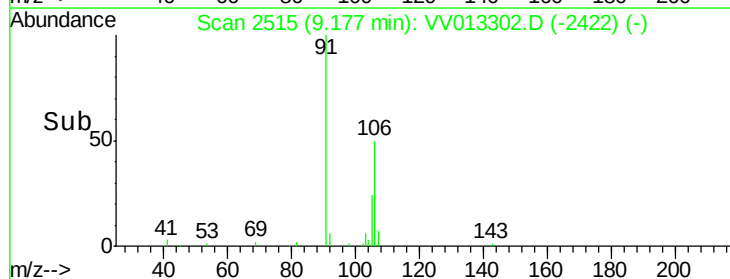
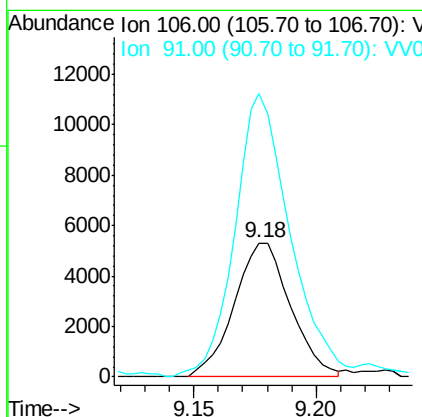
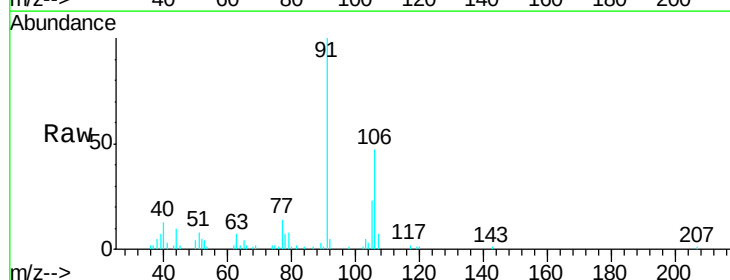
Manual Integrations
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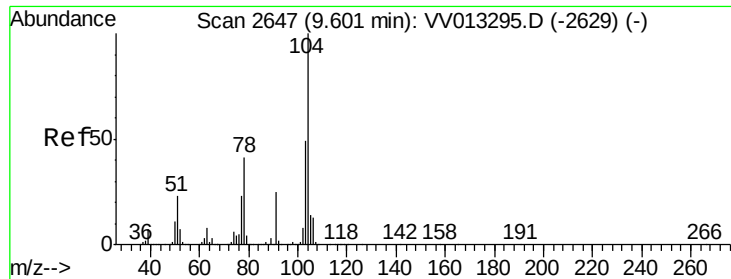
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#53
m,p-Xylene
Concen: 0.556 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. -0.00 min
Lab File: VV013302.D
Acq: 23 Oct 2019 17:52

Tgt Ion: 106 Resp: 8512
Ion Ratio Lower Upper
106 100
91 211.9 137.7 255.7





#55

Styrene

Concen: 0.708 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV013302.D

Acq: 23 Oct 2019 17:52

Instrument :

MSVOA_V

ClientSampleId :

C0043

Tgt Ion:104 Resp: 17929

Ion Ratio Lower Upper

104 100

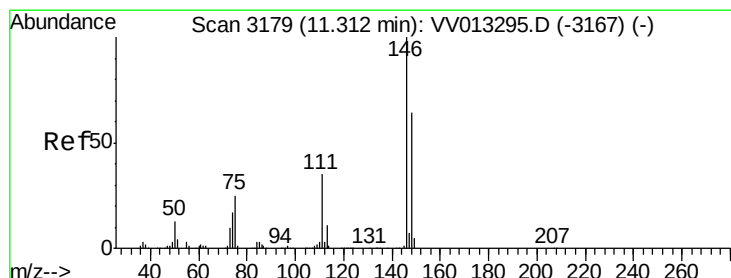
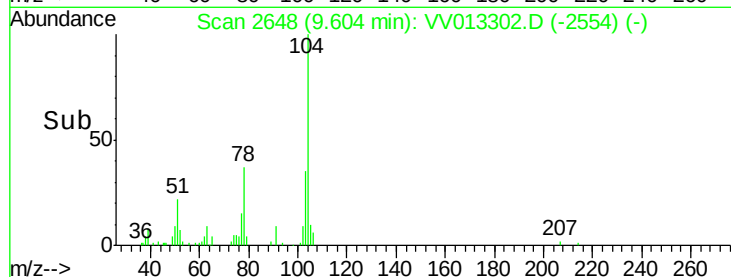
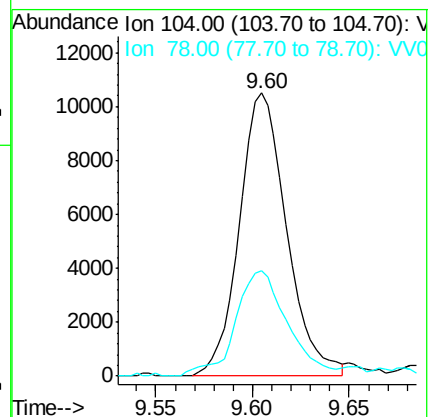
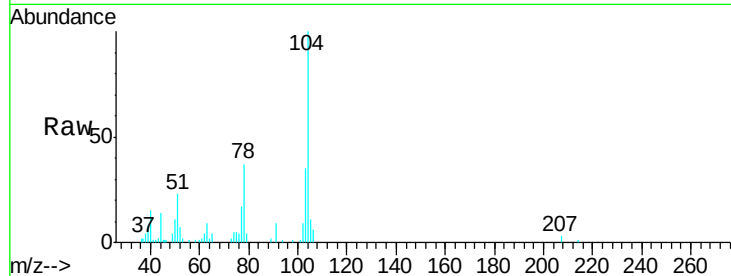
78 37.4 28.9 53.7

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#63

1,4-Dichlorobenzene

Concen: 0.802 ug/L

RT: 11.32 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV013302.D

Acq: 23 Oct 2019 17:52

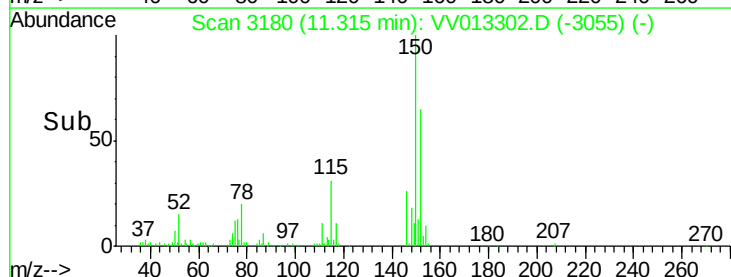
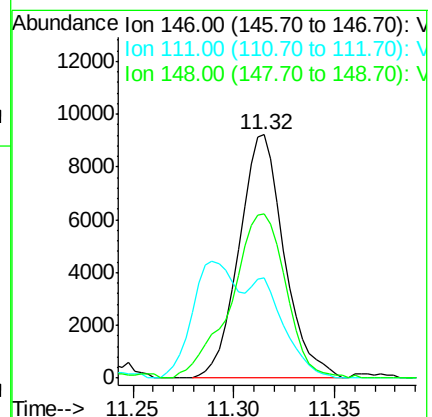
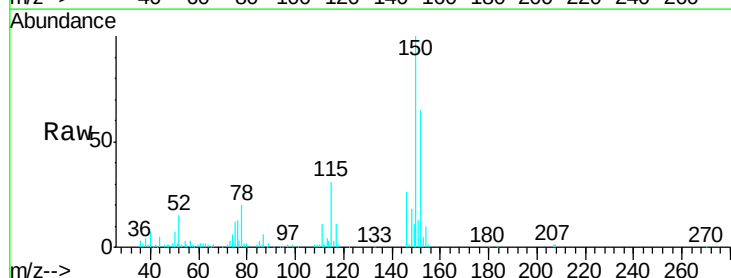
Tgt Ion:146 Resp: 14465

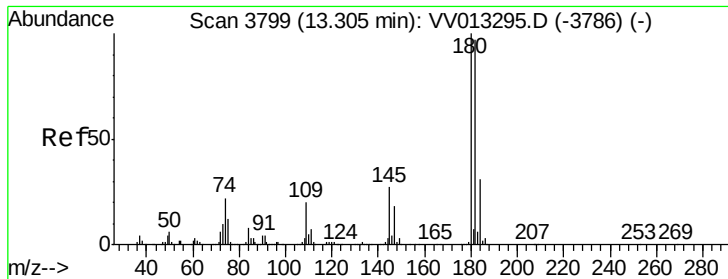
Ion Ratio Lower Upper

146 100

111 41.0 24.5 45.5

148 67.3 45.0 83.6





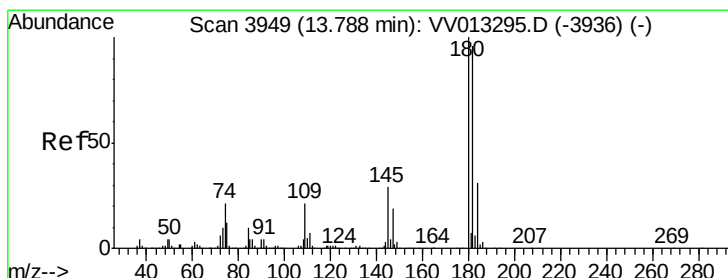
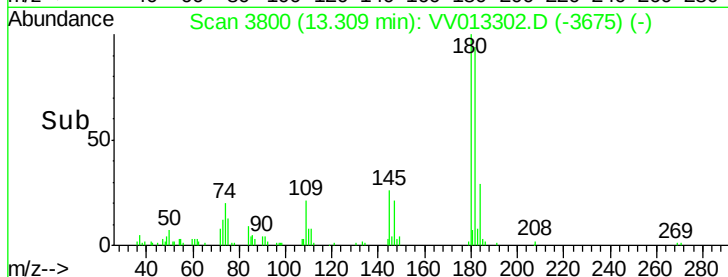
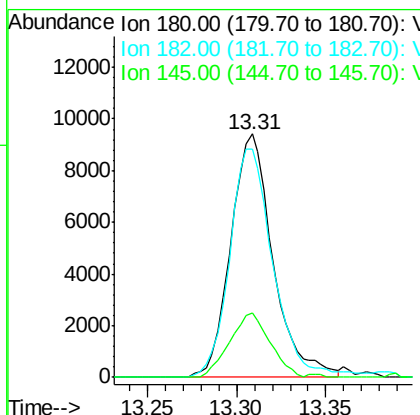
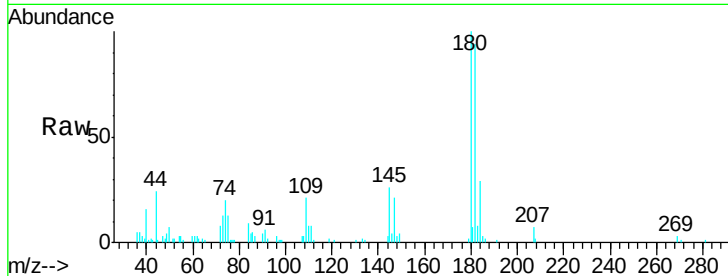
#68
 1,2,4-trichlorobenzene
 Concen: 1.412 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013302.D
 Acq: 23 Oct 2019 17:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0043

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	15492		
182	95.4	77.3	115.9	
145	25.3	21.7	32.5	

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#70
 1,2,3-Trichlorobenzene
 Concen: 3.816 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013302.D
 Acq: 23 Oct 2019 17:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	44869		
182	94.2	77.0	115.6	
145	28.8	23.4	35.2	

