

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
 Data File : VV013304.D
 Acq On : 23 Oct 2019 19:02
 Operator : SY/MD
 Sample : K5395-07
 Misc : 5.00ML/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0048

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 10:45:49 AM

Quant Time: Oct 24 04:16:28 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	1281729	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1214341	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	558093	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	365526	43.02	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.04%		
7) Chloroethane-d5	1.58	69	299825	45.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	91.44%		
11) 1,1-Dichloroethene-d2	2.13	63	443593m	35.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.36%		
21) 2-Butanone-d5	3.96	46	462742	81.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.29%		
24) Chloroform-d	4.40	84	828130	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.46%		
26) 1,2-Dichloroethane-d4	5.08	65	508482	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.54%		
32) Benzene-d6	5.10	84	1719624	46.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.00%		
36) 1,2-Dichloropropane-d6	6.12	67	532190	45.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.94%		
41) Toluene-d8	7.36	98	1519979	45.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.18%		
43) trans-1,3-Dichloropropene-	7.66	79	227382	44.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.02%		
47) 2-Hexanone-d5	8.13	63	291727	83.20	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.20%		
57) 1,1,2,2-Tetrachloroethane-	10.26	84	691966	45.22	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.44%		
64) 1,2-Dichlorobenzene-d4	11.67	152	625482	48.84	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.68%		

Target Compounds

					Qvalue
13) Acetone	2.22	43	9954	2.366 ug/L	77
25) Chloroform	4.42	83	378734	22.872 ug/L	100
38) Bromodichloromethane	6.56	83	56819	4.644 ug/L #	97
49) Dibromochloromethane	8.29	129	9374	0.905 ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	7235	0.635 ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	17813	1.460 ug/L	95

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

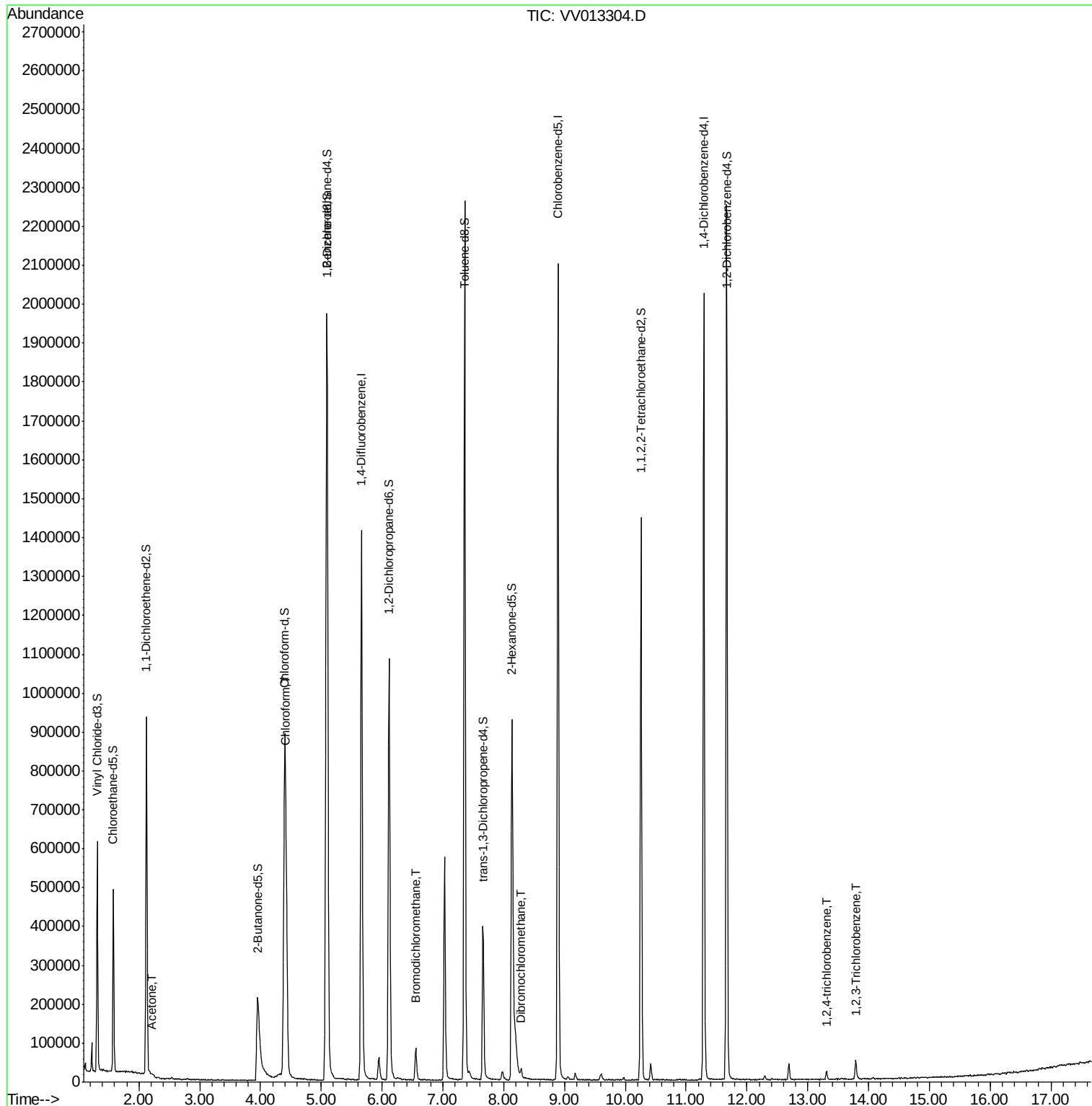
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV102319\
Data File : VV013304.D
Acq On : 23 Oct 2019 19:02
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ALS Vial : 19 Sample Multiplier: 1

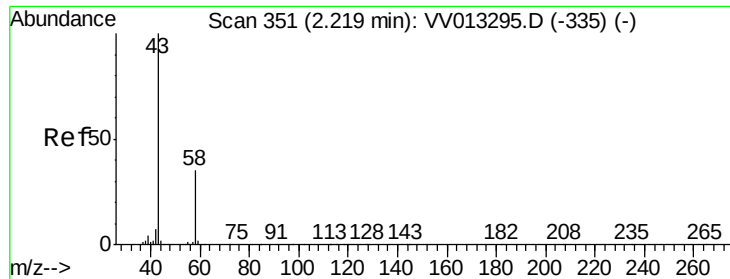
Instrument :
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Quant Time: Oct 24 04:16:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 02:50:44 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.366 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

Lab File: VV013304.D

Acq: 23 Oct 2019 19:02

Instrument :

MSVOA_V

ClientSampleId :

C0048

Tgt Ion: 43 Resp: 9954

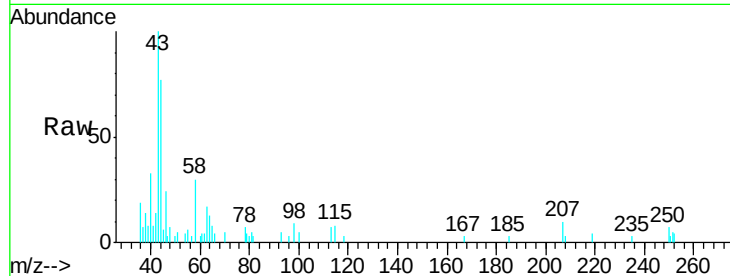
Ion Ratio Lower Upper

43 100

58 19.0 0.0 64.0

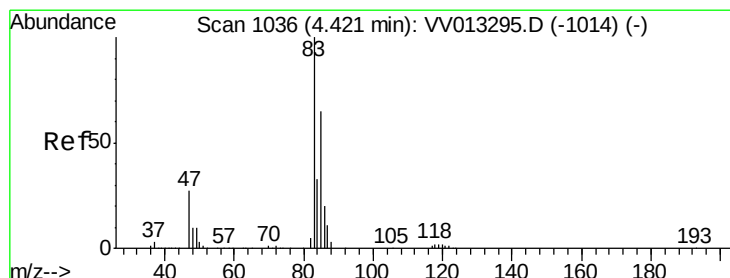
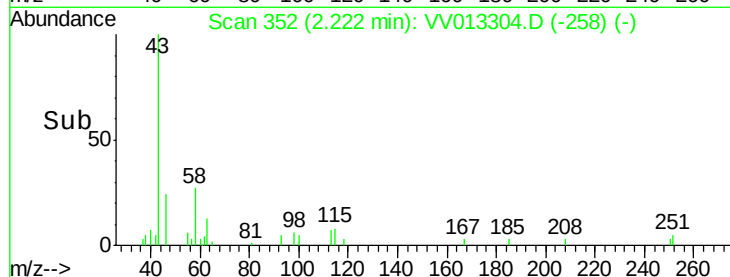
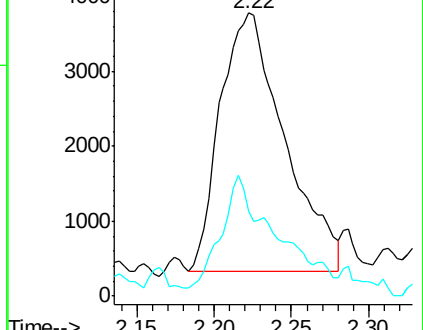
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Abundance Ion 43.00 (42.70 to 43.70): VV013295.D (-335) (-)

Ion 58.00 (57.70 to 58.70): VV013295.D (-335) (-)



#25

Chloroform

Concen: 22.872 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013304.D

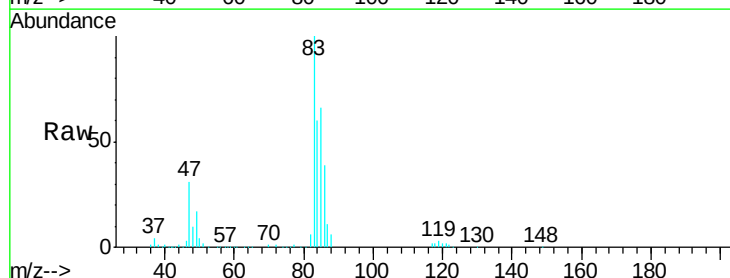
Acq: 23 Oct 2019 19:02

Tgt Ion: 83 Resp: 378734

Ion Ratio Lower Upper

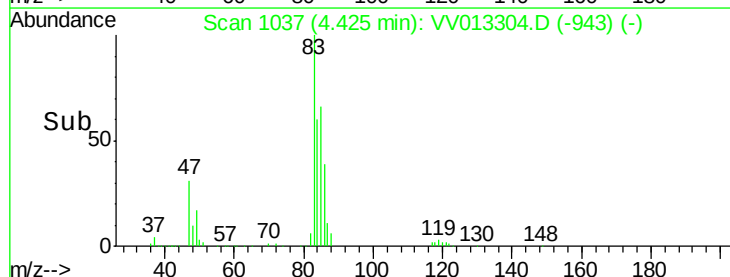
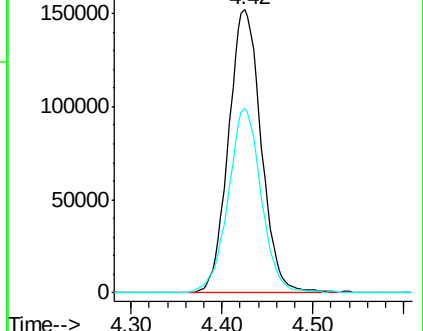
83 100

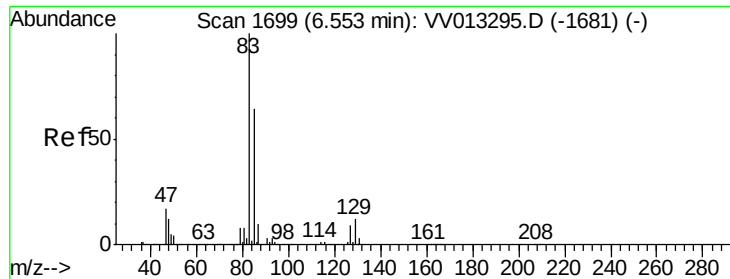
85 65.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VV013295.D (-1014) (-)

Ion 85.00 (84.70 to 85.70): VV013295.D (-1014) (-)





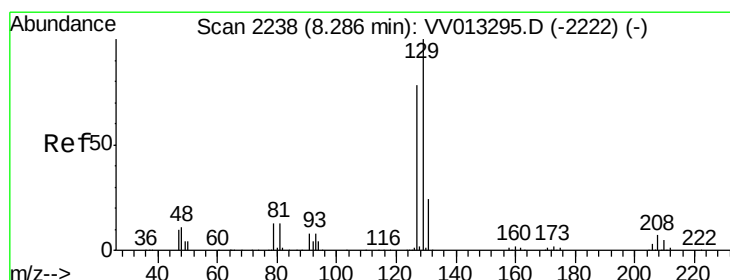
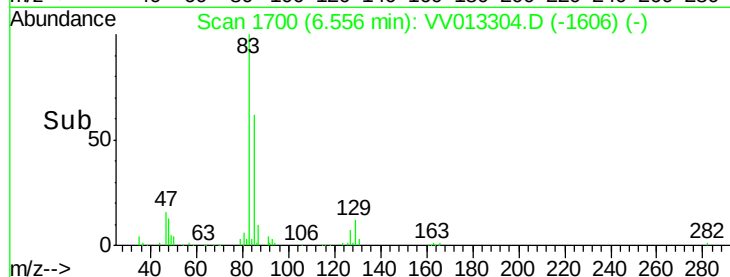
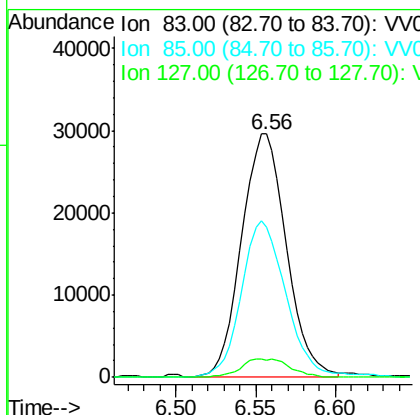
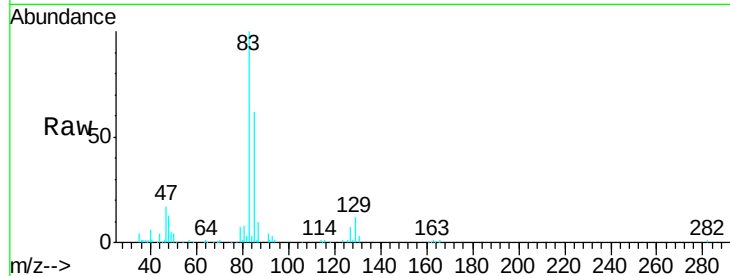
#38
 Bromodichloromethane
 Concen: 4.644 ug/L
 RT: 6.56 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

Instrument :
 MSVOA_V
 ClientSampleId :
 C0048

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.7	44.6	82.8
127	7.1	7.4	11.2#

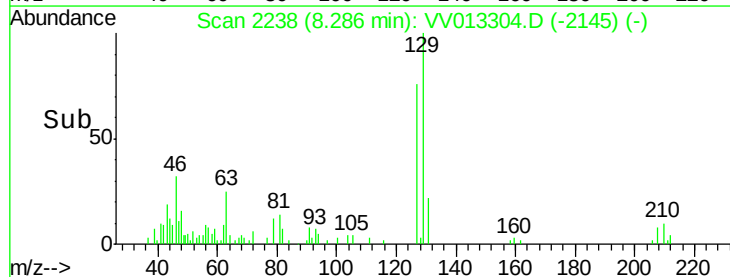
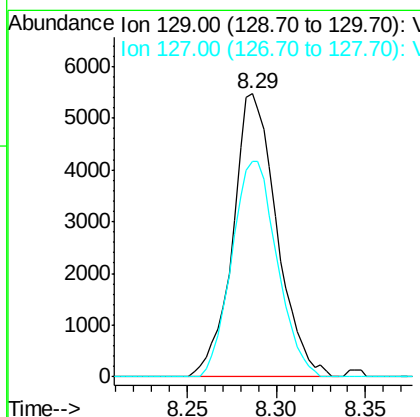
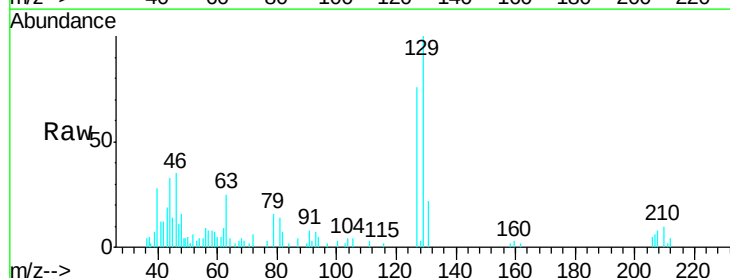
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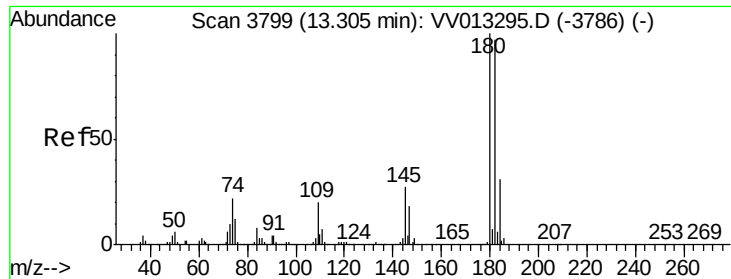
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#49
 Dibromochloromethane
 Concen: 0.905 ug/L
 RT: 8.29 min Scan# 2238
 Delta R.T. 0.00 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.3	54.7	101.5





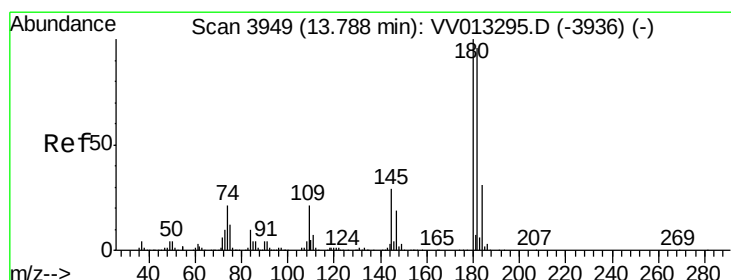
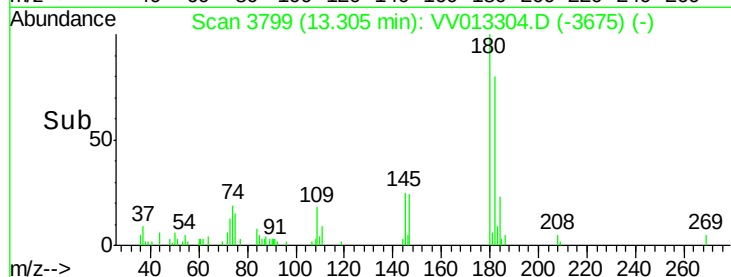
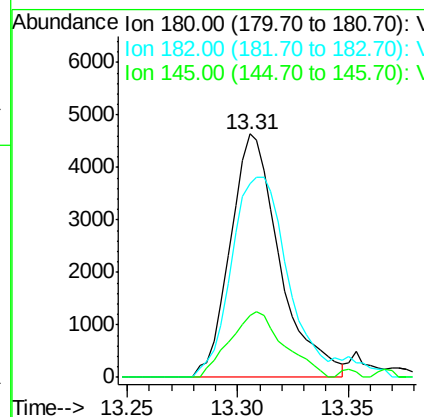
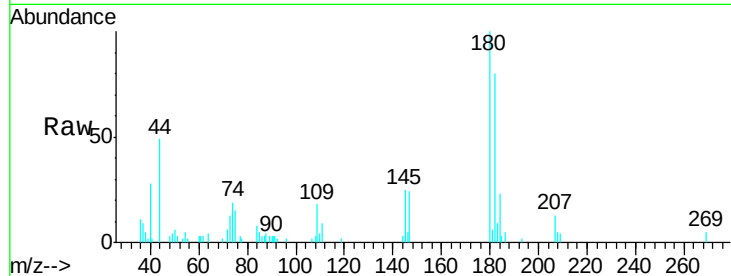
#68
 1,2,4-trichlorobenzene
 Concen: 0.635 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

Instrument :
 MSVOA_V
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 C0048

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	7235		
182	92.8		77.3	115.9
145	29.4		21.7	32.5

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#70
 1,2,3-Trichlorobenzene
 Concen: 1.460 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	17813		
182	91.3		77.0	115.6
145	27.1		23.4	35.2

