

Data File : VV013306.D
Acq On : 23 Oct 2019 20:12
Operator : SY/MD
Sample : VV1023WBL02
Misc : 5.00ML/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK64

Quant Time: Oct 24 04:21:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 24 04:17:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1322302	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	1274792	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	587752	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	382997	43.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.38%
7) Chloroethane-d5	1.58	69	317706	46.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.92%
11) 1,1-Dichloroethene-d2	2.13	63	477470	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	3.95	46	438469	74.66	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.66%
24) Chloroform-d	4.40	84	821404	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
26) 1,2-Dichloroethane-d4	5.08	65	514939	45.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.82%
32) Benzene-d6	5.10	84	1759887	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
36) 1,2-Dichloropropane-d6	6.12	67	544956	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.68%
41) Toluene-d8	7.36	98	1552988	43.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.78%
43) trans-1,3-Dichloropropene-	7.66	79	230768	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.13	63	282409	76.72	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	699285	43.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.06%
64) 1,2-Dichlorobenzene-d4	11.67	152	656543	48.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.36%

Target Compounds

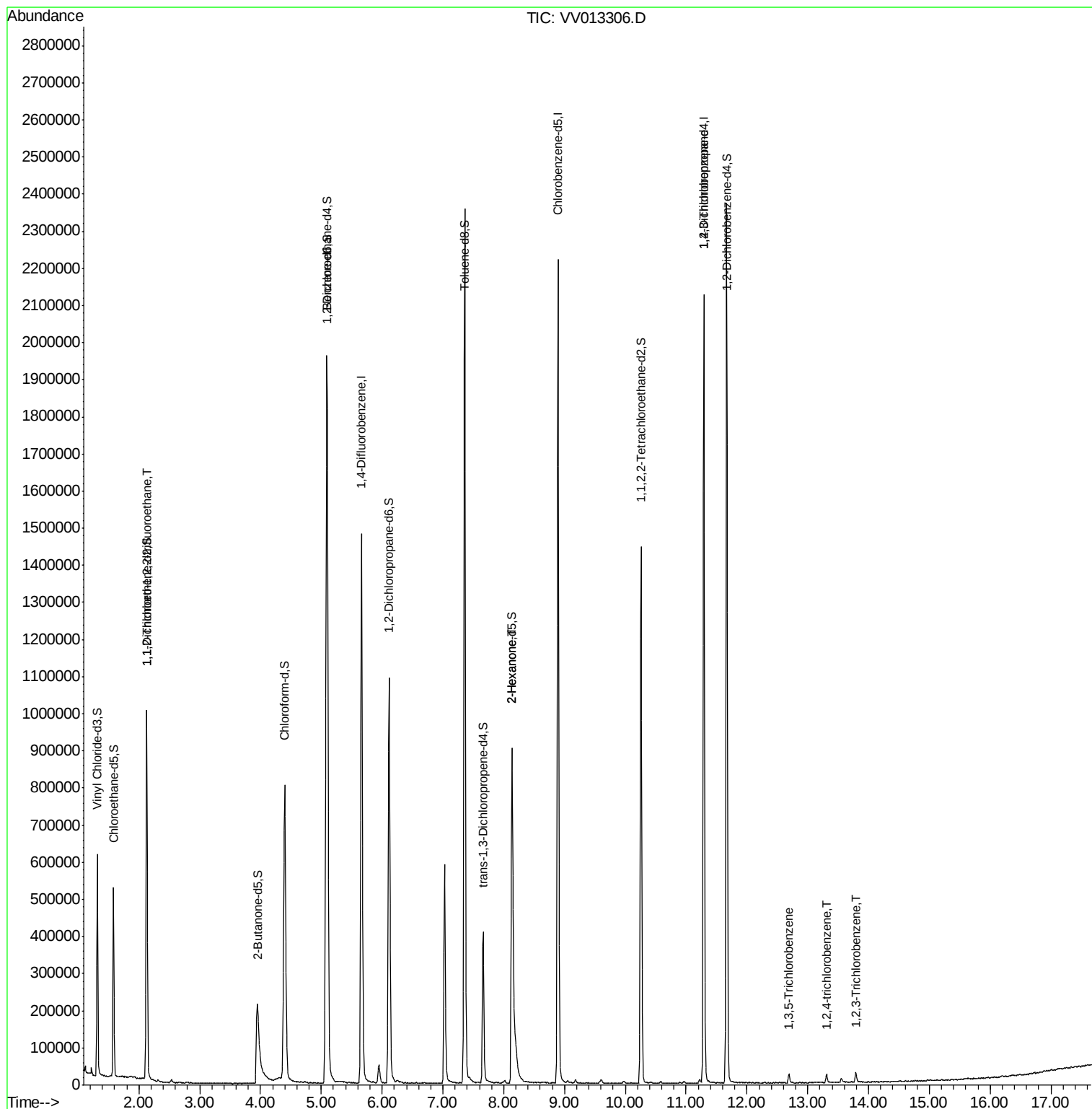
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5777	0.831	ug/L #	30
48) 2-Hexanone	8.14	43	44965	4.571	ug/L #	84
59) 1,2,3-Trichloropropane	11.29	75	58523	4.811	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	8760	0.613	ug/L	90
68) 1,2,4-trichlorobenzene	13.31	180	7753	0.646	ug/L	96
70) 1,2,3-Trichlorobenzene	13.79	180	8805	0.685	ug/L	92

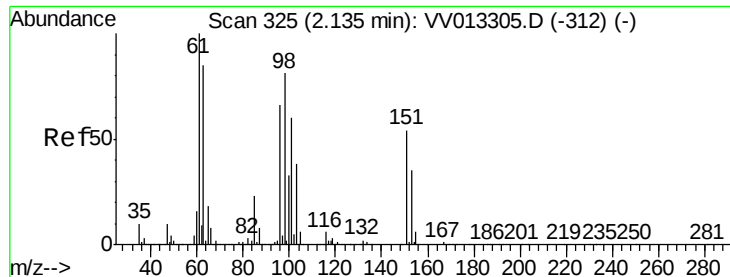
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.831 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

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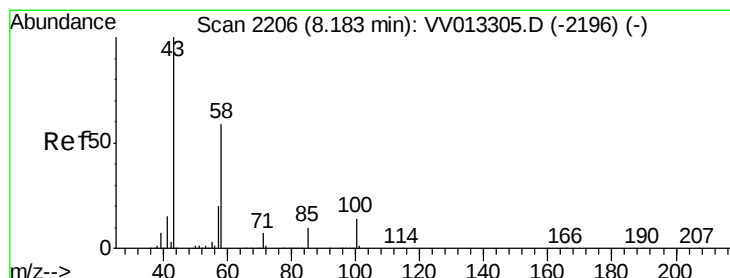
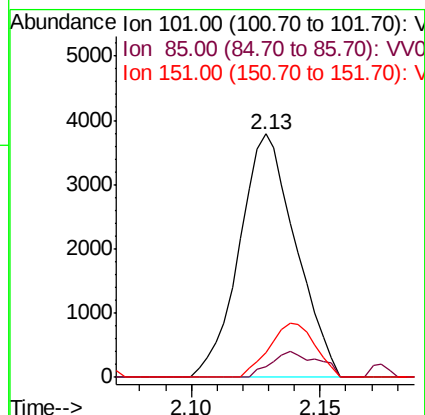
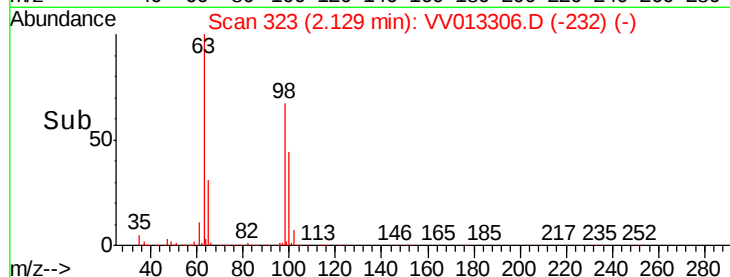
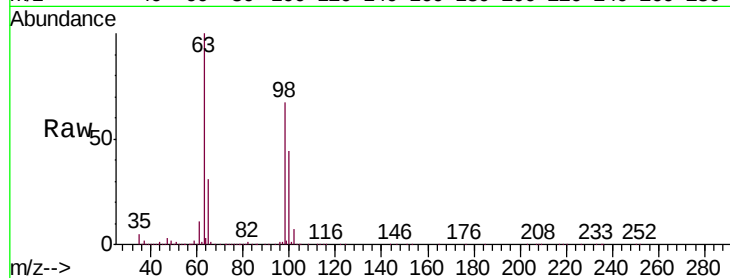
Tgt Ion: 101 Resp: 5777

Ion Ratio Lower Upper

101 100

85 8.8 31.4 47.2#

151 18.1 74.6 112.0#



#48

2-Hexanone

Concen: 4.571 ug/L

RT: 8.14 min Scan# 2192

Delta R.T. -0.05 min

Lab File: VV013306.D

Acq: 23 Oct 2019 20:12

Tgt Ion: 43 Resp: 44965

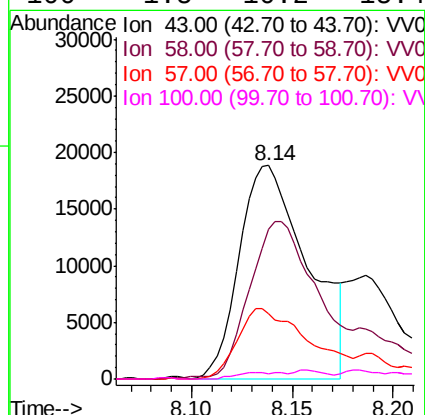
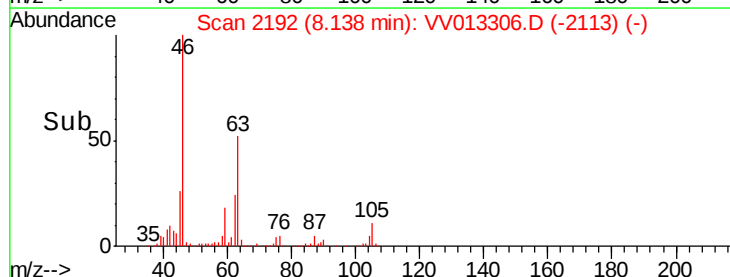
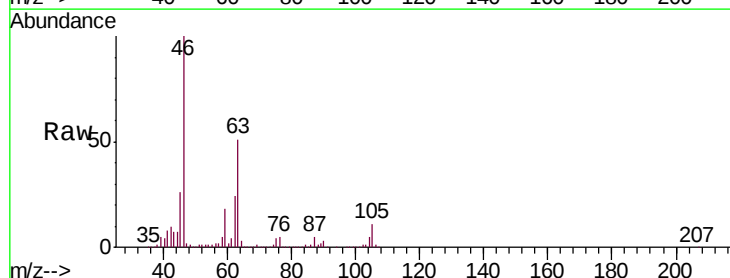
Ion Ratio Lower Upper

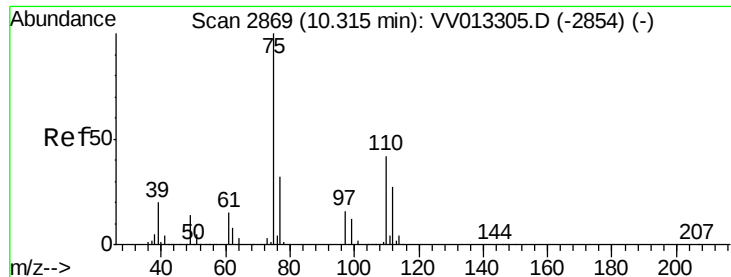
43 100

58 71.1 47.0 70.6#

57 19.9 13.8 20.8

100 1.5 10.2 15.4#

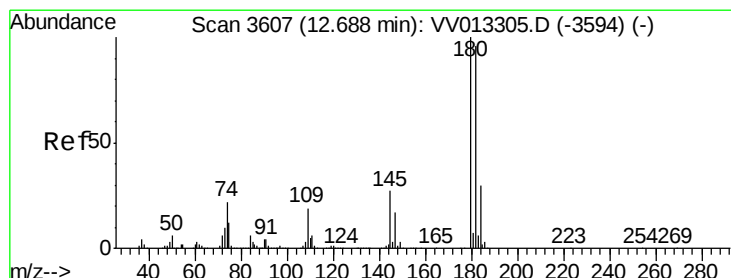
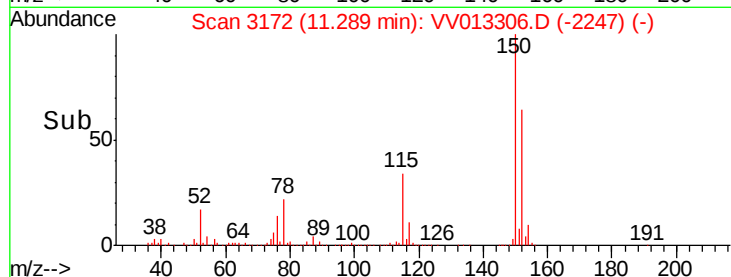
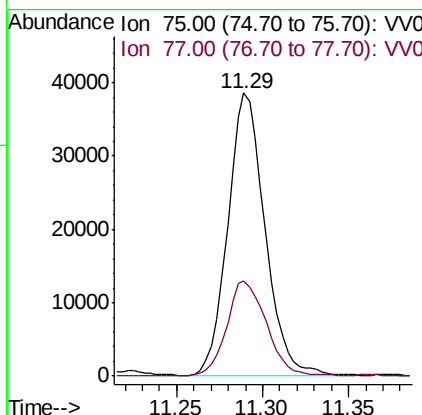
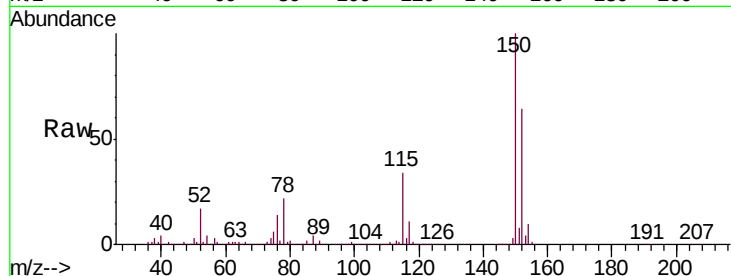




#59
 1,2,3-Trichloropropane
 Concen: 4.811 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
 Lab File: VV013306.D
 Acq: 23 Oct 2019 20:12

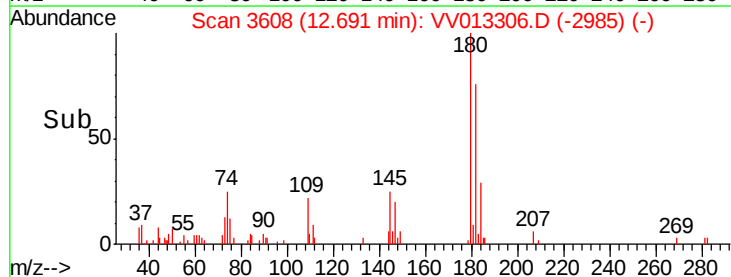
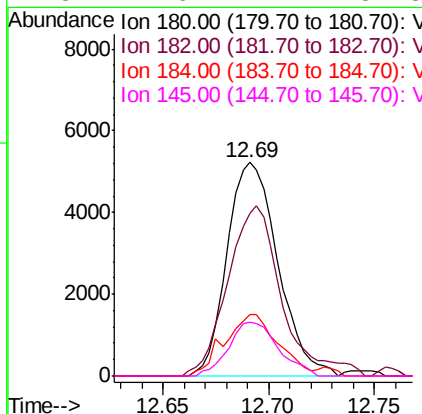
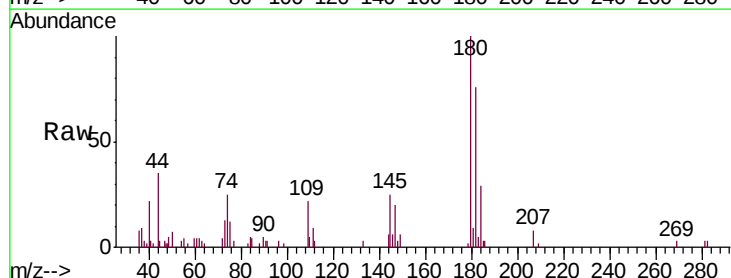
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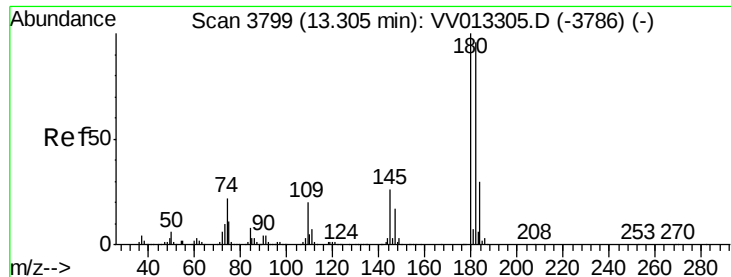
Tgt Ion: 75 Resp: 58523
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.7 38.5



#67
 1,3,5-Trichlorobenzene
 Concen: 0.613 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013306.D
 Acq: 23 Oct 2019 20:12

Tgt Ion: 180 Resp: 8760
 Ion Ratio Lower Upper
 180 100
 182 84.3 76.3 114.5
 184 25.1 24.8 37.2
 145 24.6 21.2 31.8

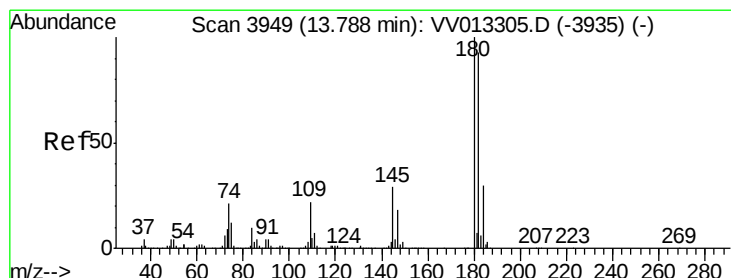
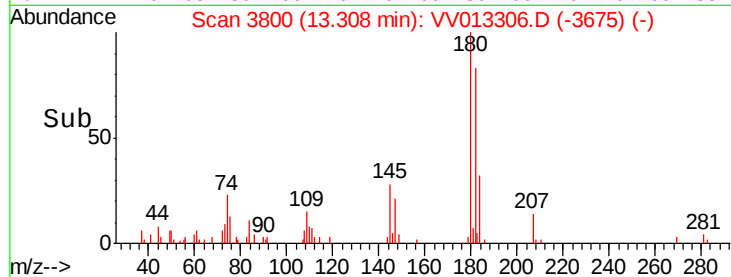
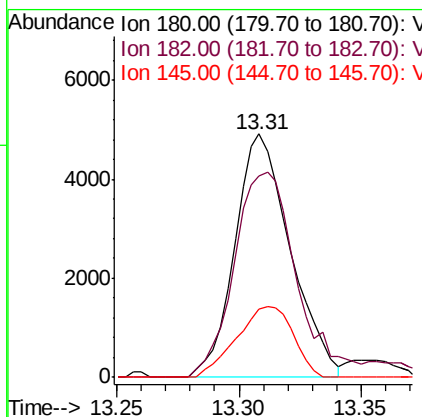
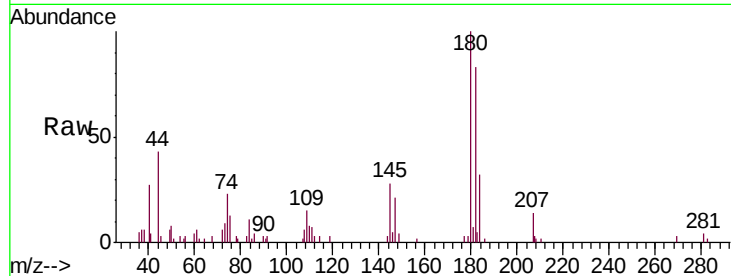




#68
 1,2,4-trichlorobenzene
 Concen: 0.646 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013306.D
 Acq: 23 Oct 2019 20:12

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK64

Tgt Ion:180 Resp: 7753
 Ion Ratio Lower Upper
 180 100
 182 92.5 77.3 115.9
 145 29.7 21.7 32.5



#70
 1,2,3-Trichlorobenzene
 Concen: 0.685 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013306.D
 Acq: 23 Oct 2019 20:12

Tgt Ion:180 Resp: 8805
 Ion Ratio Lower Upper
 180 100
 182 104.5 77.0 115.6
 145 33.9 23.4 35.2

