

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013283.D
 Acq On : 22 Oct 2019 17:32
 Operator : SY/MD
 Sample : K5457-02
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K07

Quant Time: Oct 23 03:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	408365	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	440811	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230569	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	194030	6.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.80%
7) Chloroethane-d5	1.58	69	160597	6.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.20%
11) 1,1-Dichloroethene-d2	2.13	63	244634	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.93	46	408992	70.74	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.48%#
24) Chloroform-d	4.40	84	389574	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.08	65	187824	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.40%
32) Benzene-d6	5.10	84	790952	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.11	67	240993	5.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.20%
41) Toluene-d8	7.36	98	659663	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	7.66	79	76031	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.13	63	238913	41.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.50%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	170250	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	265743	5.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.40%

Target Compounds

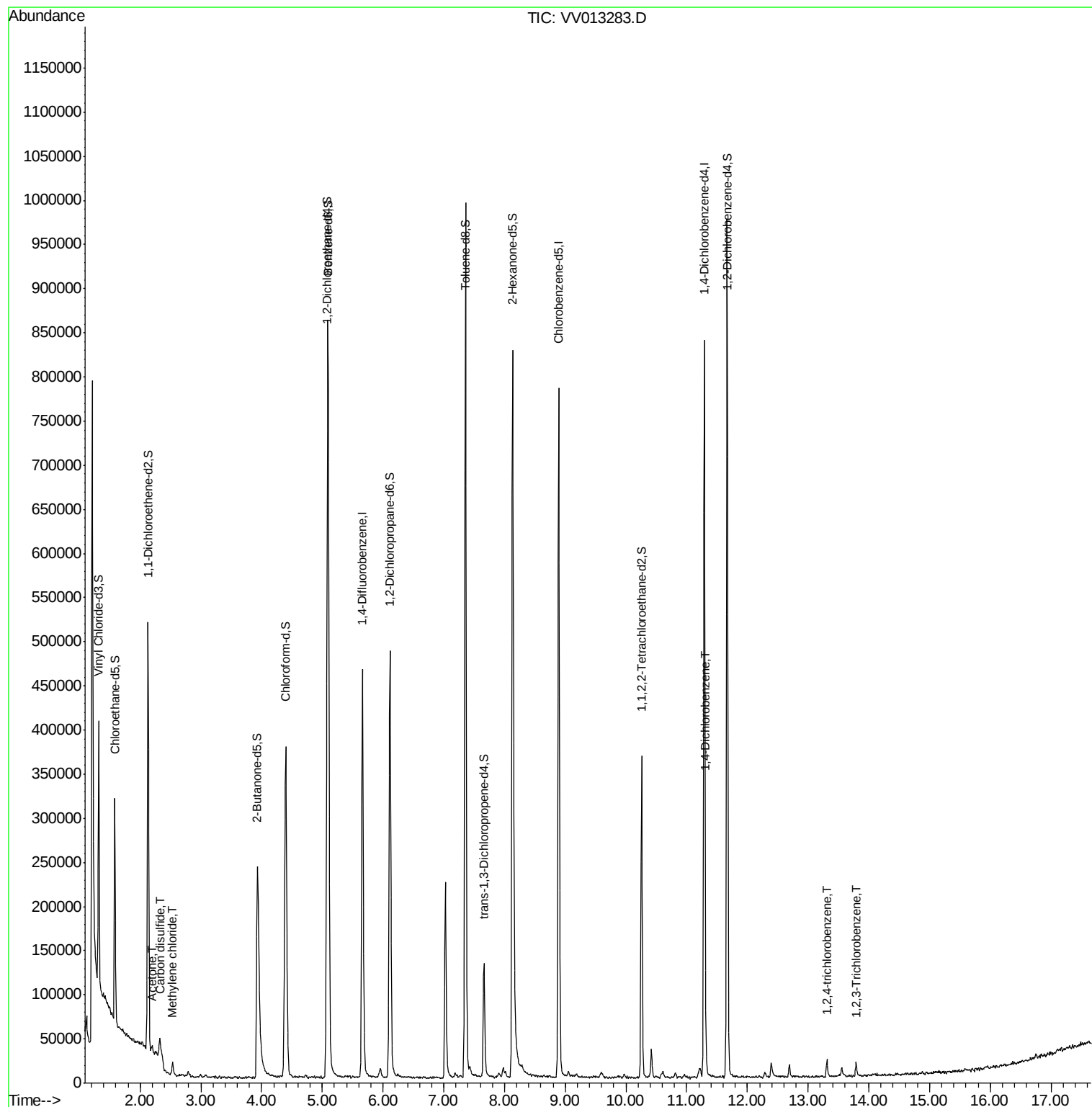
					Ovalue
13) Acetone	2.20	43	7288	2.438 ug/L	88
14) Carbon disulfide	2.32	76	10096	0.110 ug/L #	72
16) Methylene chloride	2.53	84	6196	0.128 ug/L	83
63) 1,4-Dichlorobenzene	11.32	146	4741	0.058 ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	6004	0.114 ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	5204	0.107 ug/L	94

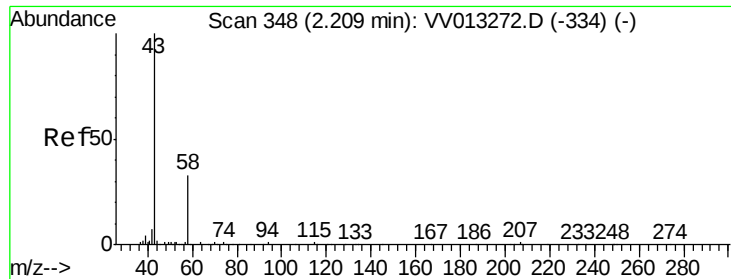
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.438 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.01 min

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ClientSampleId :

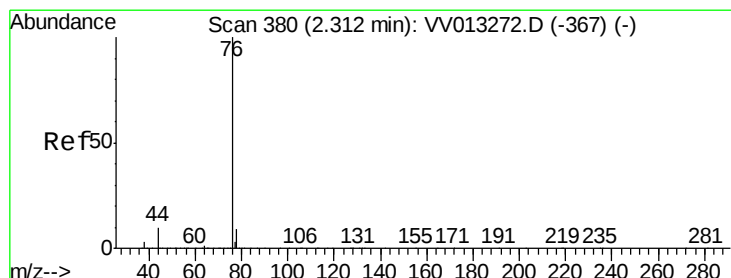
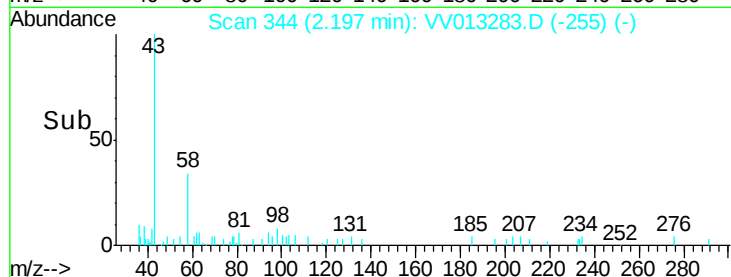
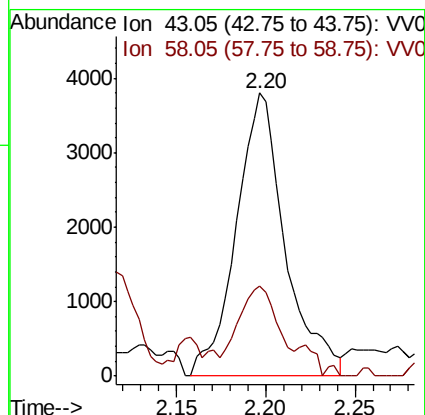
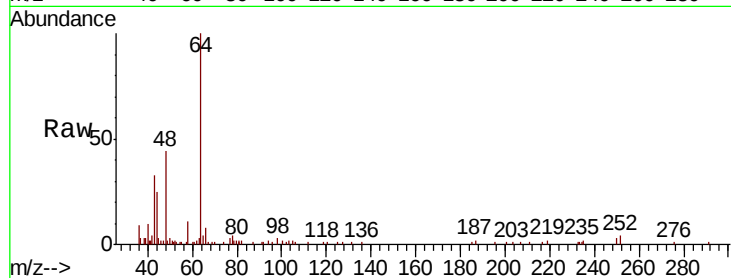
C0K07

Tot Ion: 43 Resp: 7288

Ion Ratio Lower Upper

43 100

58 17.8 0.0 26.2



#14

Carbon disulfide

Concen: 0.110 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

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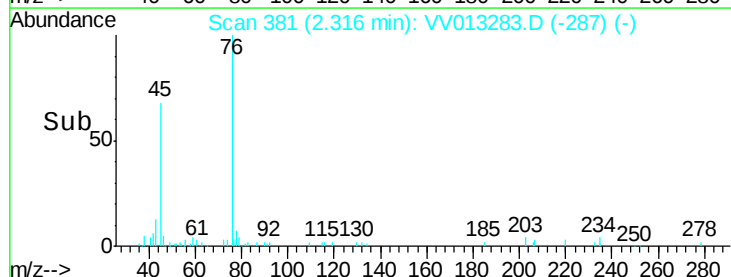
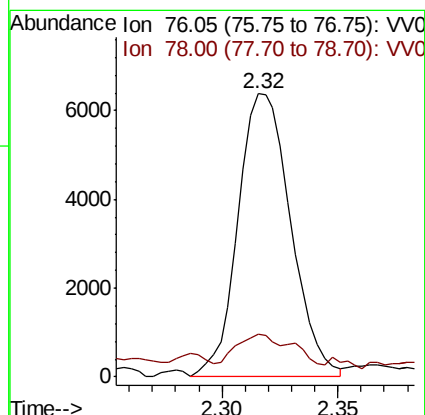
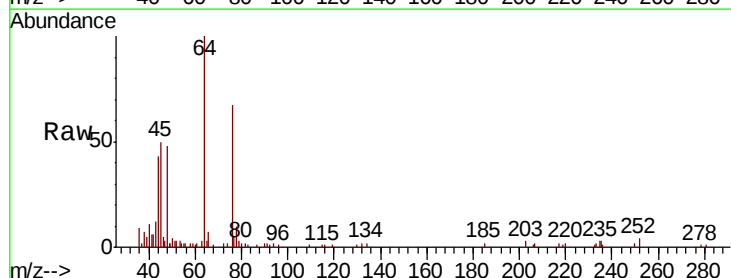
Acq: 22 Oct 2019 17:32

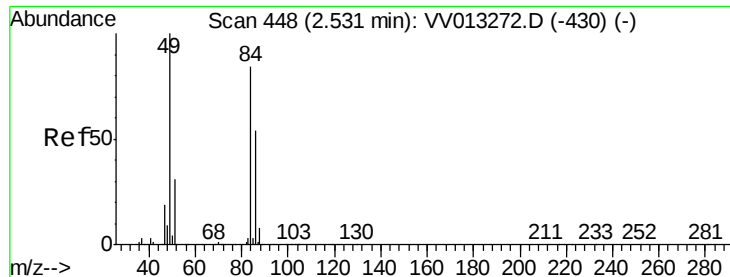
Tgt Ion: 76 Resp: 10096

Ion Ratio Lower Upper

76 100

78 19.3 7.3 10.9#

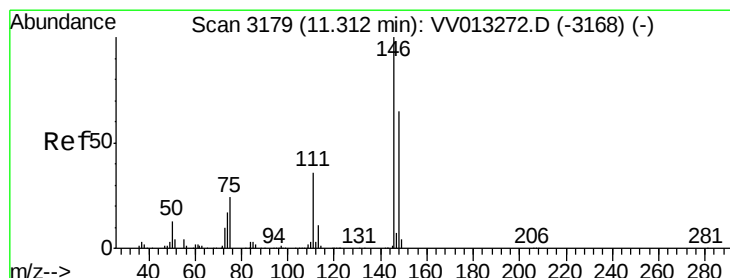
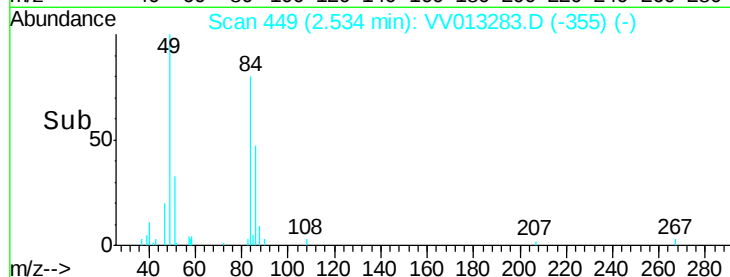
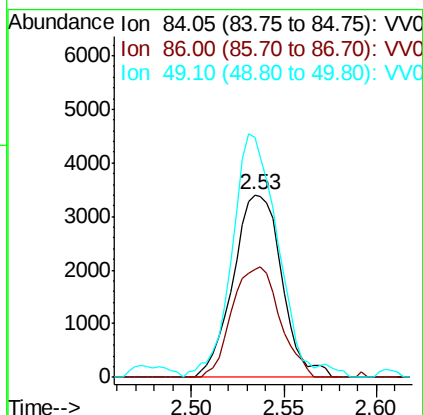
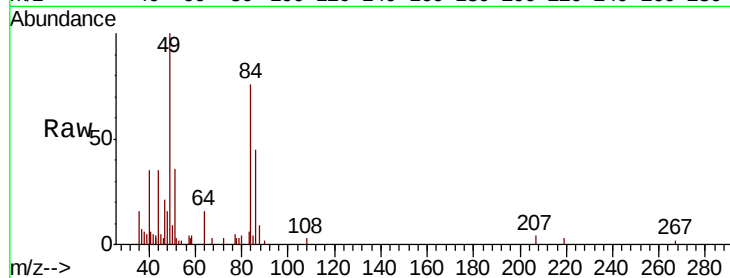




#16
Methylene chloride
Concen: 0.128 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013283.D
Acq: 22 Oct 2019 17:32

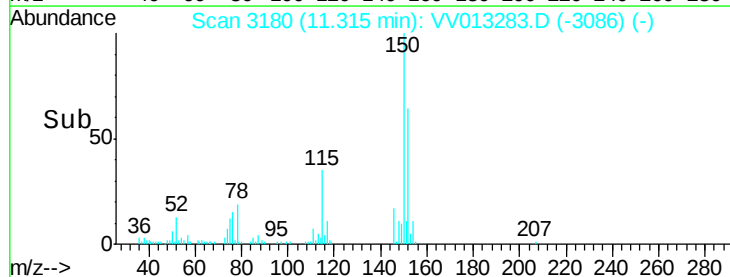
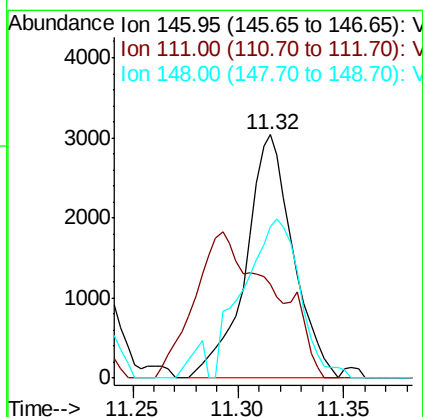
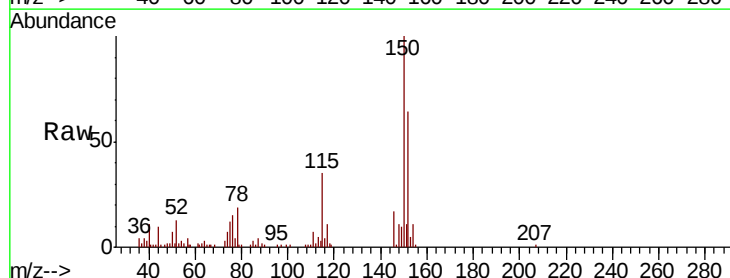
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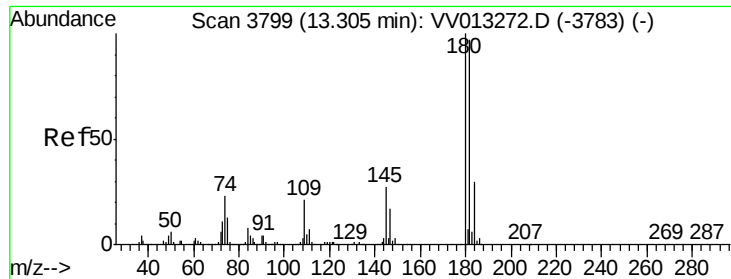
Tot Ion: 84 Resp: 6196
Ion Ratio Lower Upper
84 100
86 59.5 46.2 85.8
49 131.8 76.4 141.8



#63
1,4-Dichlorobenzene
Concen: 0.058 ug/L
RT: 11.32 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013283.D
Acq: 22 Oct 2019 17:32

Tgt Ion: 146 Resp: 4741
Ion Ratio Lower Upper
146 100
111 38.7 24.6 45.6
148 62.3 43.3 80.5

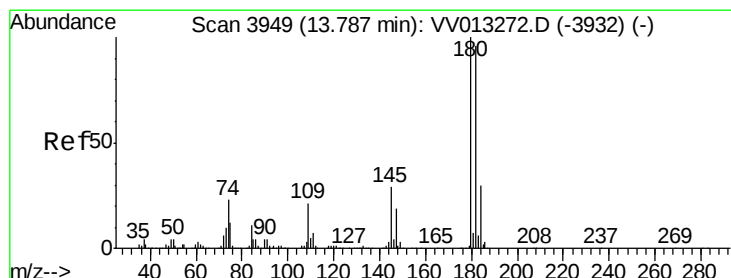
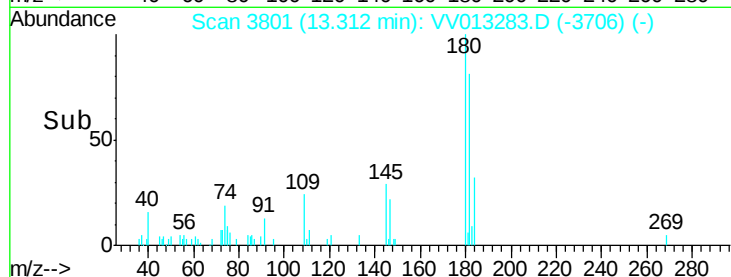
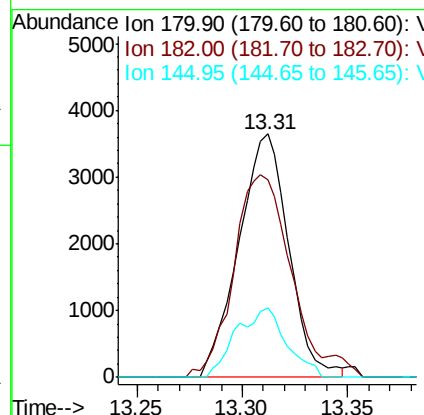
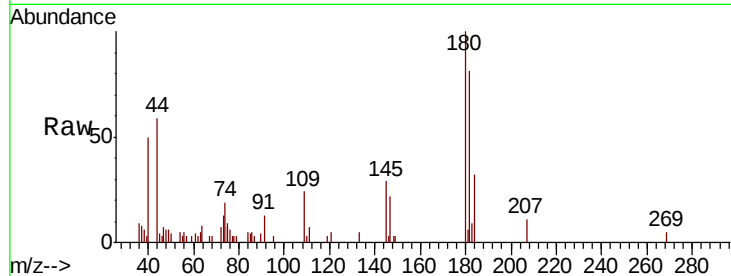




#68
 1,2,4-trichlorobenzene
 Concen: 0.114 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.01 min
 Lab File: VV013283.D
 Acq: 22 Oct 2019 17:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K07

Tot Ion:180 Resp: 6004
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.7 115.1
 145 28.7 22.1 33.1



#70
 1,2,3-Trichlorobenzene
 Concen: 0.107 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013283.D
 Acq: 22 Oct 2019 17:32

Tgt Ion:180 Resp: 5204
 Ion Ratio Lower Upper
 180 100
 182 88.3 76.5 114.7
 145 28.8 23.5 35.3

