

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV021320\
 Data File : VV014583.D
 Acq On : 13 Feb 2020 12:52
 Operator : SY/MD
 Sample : L1489-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 15:34:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 13 15:27:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	287674	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	269578	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	132934	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	51327	46.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.92%
7) Chloroethane-d5	1.59	69	37508	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.54%
11) 1,1-Dichloroethene-d2	2.13	63	67647	36.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.40%
21) 2-Butanone-d5	3.92	46	92202	100.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.64%
24) Chloroform-d	4.40	84	159188	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.82%
26) 1,2-Dichloroethane-d4	5.08	65	104778	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.86%
32) Benzene-d6	5.10	84	331280	51.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.78%
36) 1,2-Dichloropropane-d6	6.11	67	100182	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	7.36	98	313180	50.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.98%
43) trans-1,3-Dichloropropene-	7.66	79	54284	50.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.40%
47) 2-Hexanone-d5	8.13	63	72354	93.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.25%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	134638	51.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.18%
64) 1,2-Dichlorobenzene-d4	11.67	152	123127	52.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.84%

Target Compounds

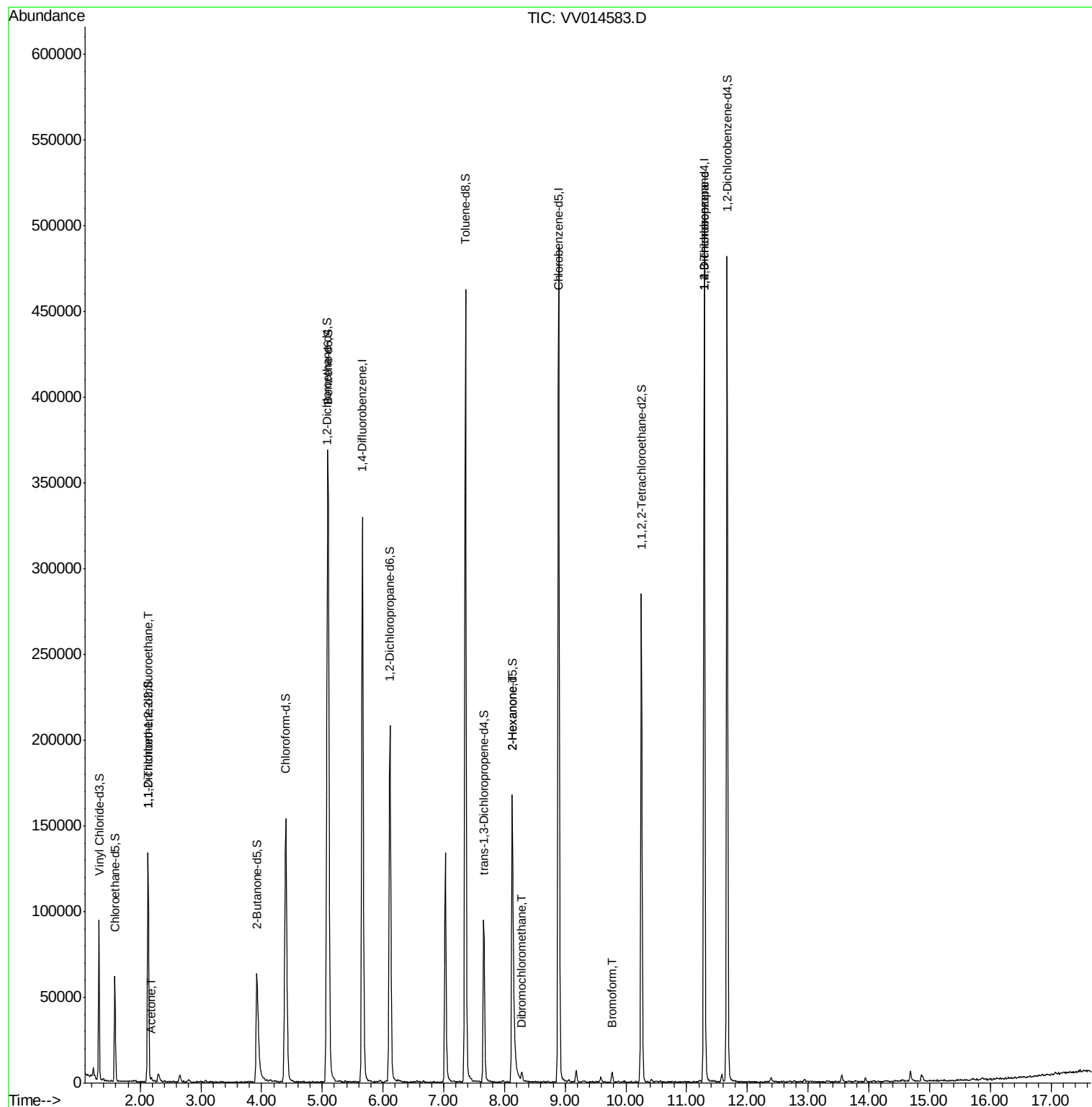
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	754	0.794 ug/L #	17
13) Acetone	2.19	43	1284	1.634 ug/L	94
48) 2-Hexanone	8.13	43	8011	4.760 ug/L #	53
49) Dibromochloromethane	8.29	129	2054	0.955 ug/L	99
59) 1,2,3-Trichloropropane	11.29	75	14357	6.383 ug/L #	87
61) Bromoform	9.77	173	2838	1.973 ug/L #	97

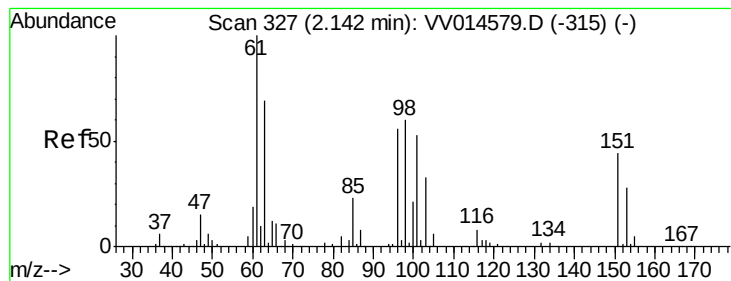
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 13 15:27:07 2020
Response via : Initial Calibration





#10

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

Concen: 0.794 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014583.D

Acq: 13 Feb 2020 12:52

Instrument :

BNA_G

ClientSampleId :

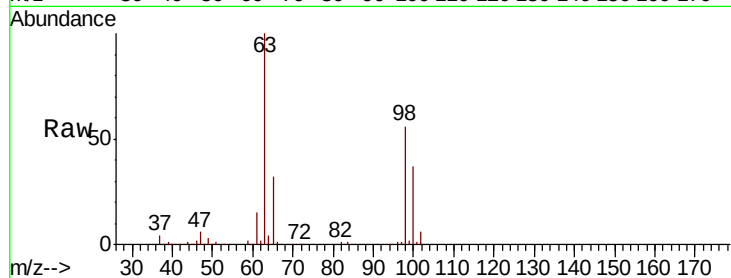
Tot Ion:101 Resp: 754

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.0#

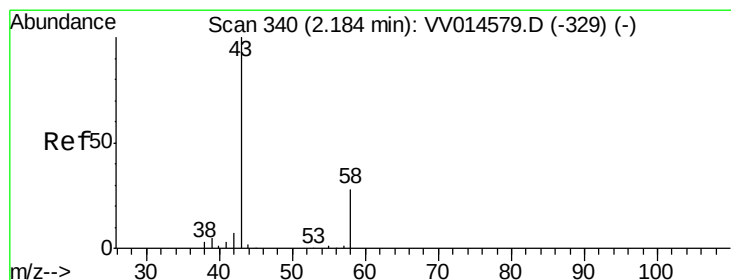
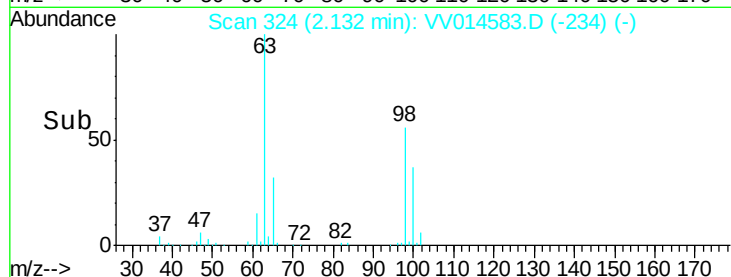
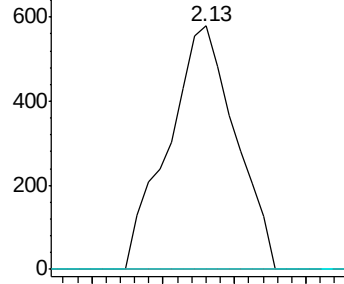
151 0.0 65.4 98.2#



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



#13

Acetone

Concen: 1.634 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV014583.D

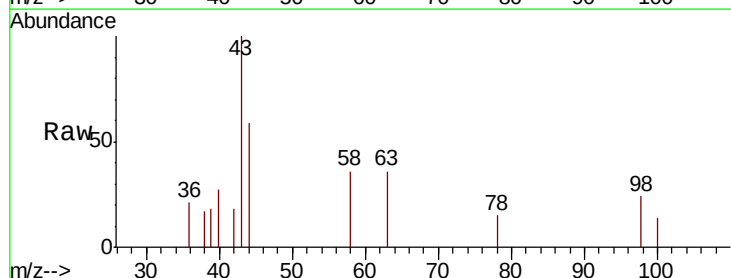
Acq: 13 Feb 2020 12:52

Tgt Ion: 43 Resp: 1284

Ion Ratio Lower Upper

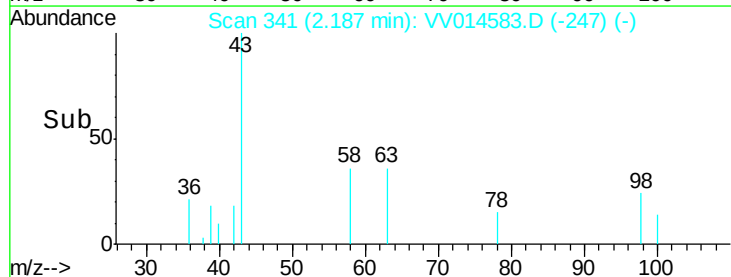
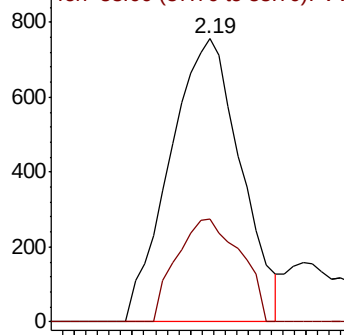
43 100

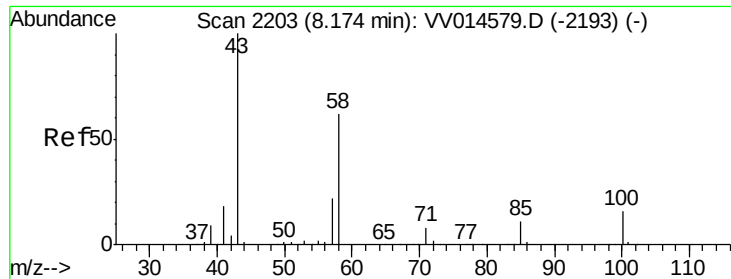
58 32.9 0.0 58.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

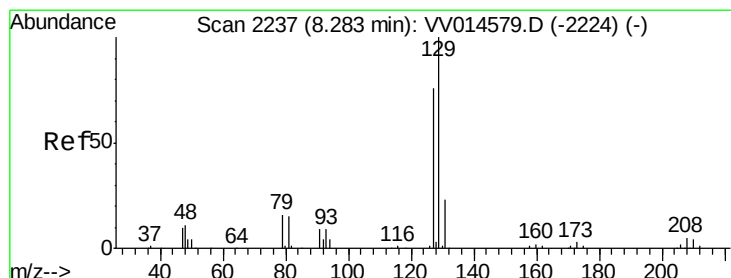
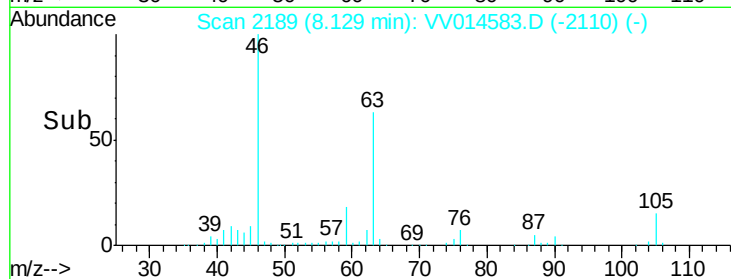
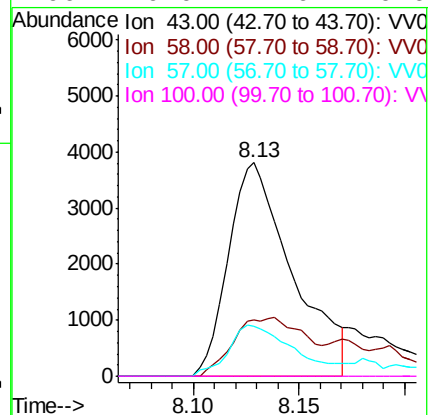
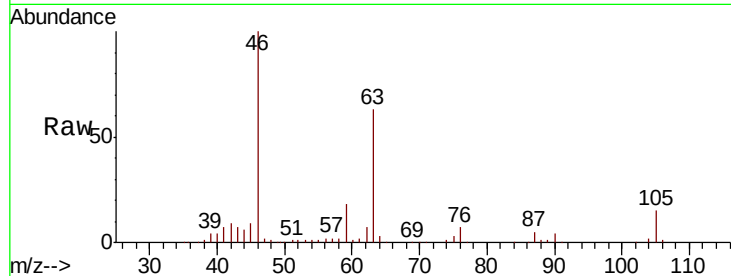




#48
2-Hexanone
Concen: 4.760 ug/L
RT: 8.13 min Scan# 2189
Delta R.T. -0.05 min
Lab File: VV014583.D
Acq: 13 Feb 2020 12:52

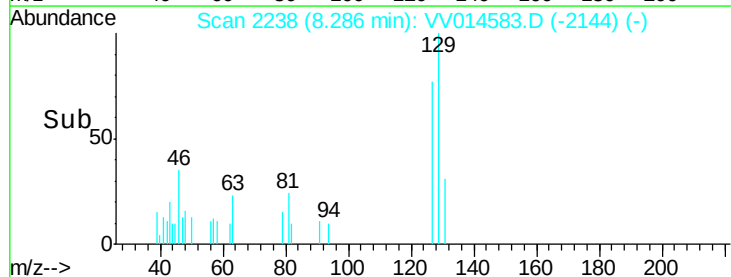
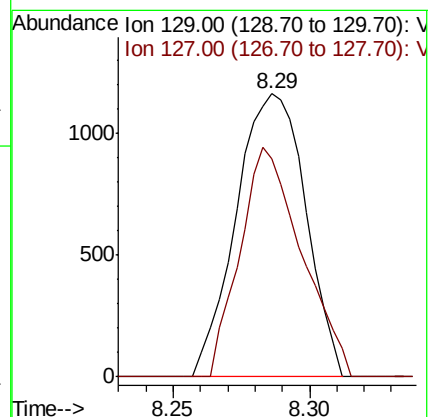
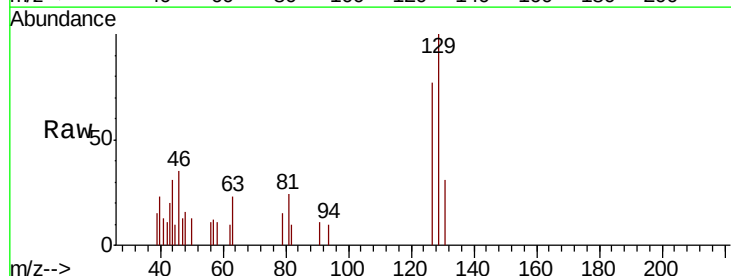
Instrument :
BNA_G
ClientSampleId :

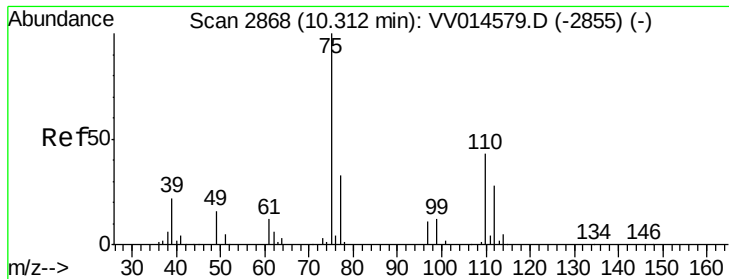
Tot Ion: 43 Resp: 8011
Ion Ratio Lower Upper
43 100
58 13.1 50.4 75.6#
57 24.7 17.8 26.6
100 0.0 12.6 19.0#



#49
Dibromochloromethane
Concen: 0.955 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV014583.D
Acq: 13 Feb 2020 12:52

Tgt Ion: 129 Resp: 2054
Ion Ratio Lower Upper
129 100
127 76.9 54.3 100.8

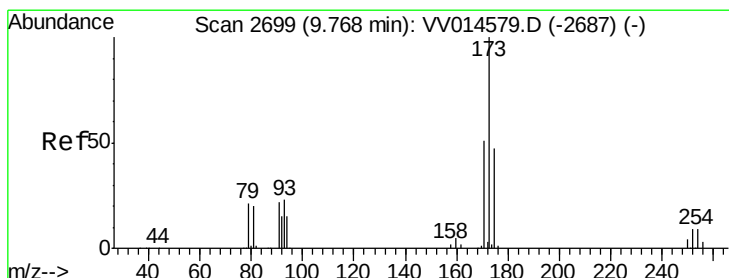
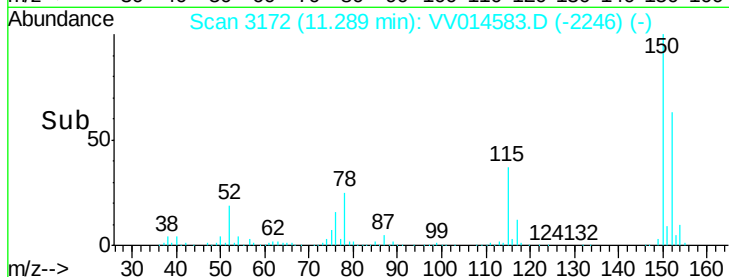
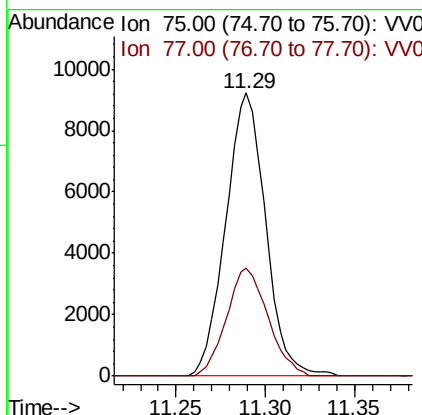
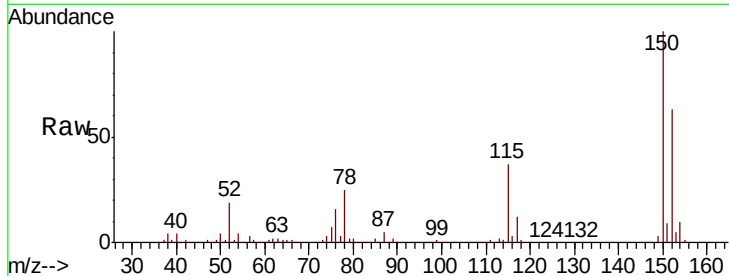




#59
 1,2,3-Trichloropropane
 Concen: 6.383 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.98 min
 Lab File: VV014583.D
 Acq: 13 Feb 2020 12:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 75 Resp: 14357
 Ion Ratio Lower Upper
 75 100
 77 39.6 25.9 38.9#



#61
 Bromoform
 Concen: 1.973 ug/L
 RT: 9.77 min Scan# 2701
 Delta R.T. 0.01 min
 Lab File: VV014583.D
 Acq: 13 Feb 2020 12:52

Tgt Ion: 173 Resp: 2838
 Ion Ratio Lower Upper
 173 100
 175 48.4 39.3 58.9
 254 4.5 7.1 10.7#

