

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

Quant Time: Oct 24 03:09:14 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	1.97	63	81	0.01	ug/L	-0.15
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.02%#
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

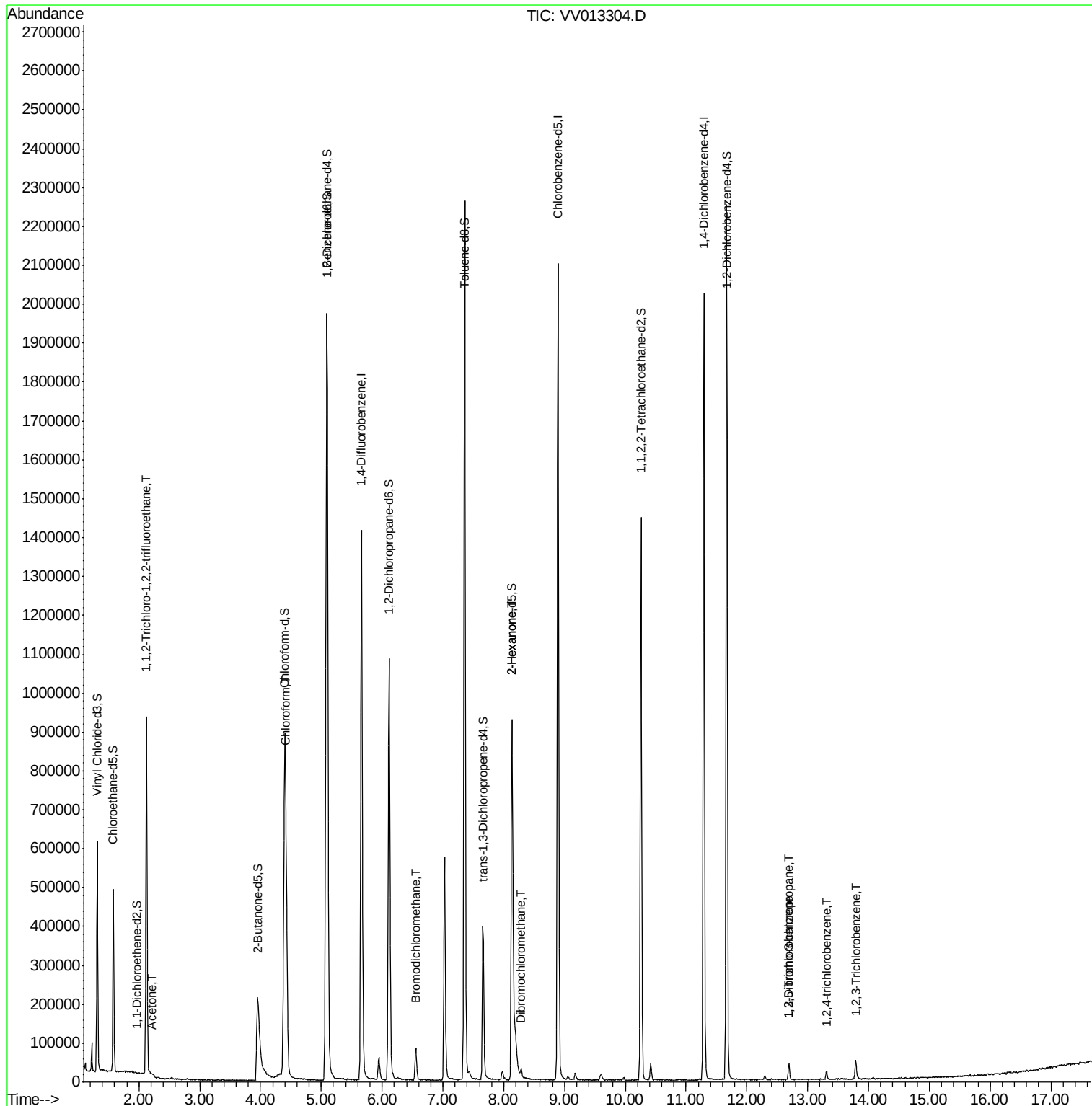
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5516	0.819 ug/L #	25
13) Acetone	2.22	43	9954	2.366 ug/L	77
25) Chloroform	4.42	83	378734	22.872 ug/L	100
38) Bromodichloromethane	6.56	83	56819	4.644 ug/L #	97
48) 2-Hexanone	8.14	43	44089	4.705 ug/L #	87
49) Dibromochloromethane	8.29	129	9374	0.905 ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.69	75	1890	0.725 ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	12834	0.946 ug/L	94
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

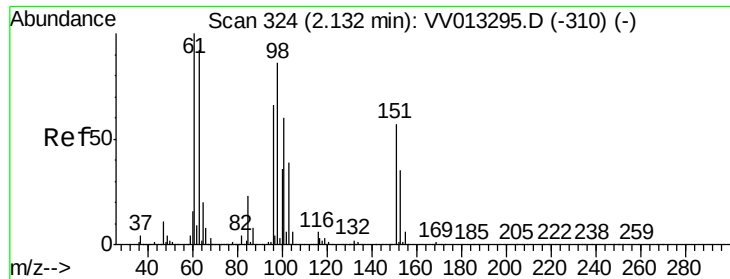
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.819 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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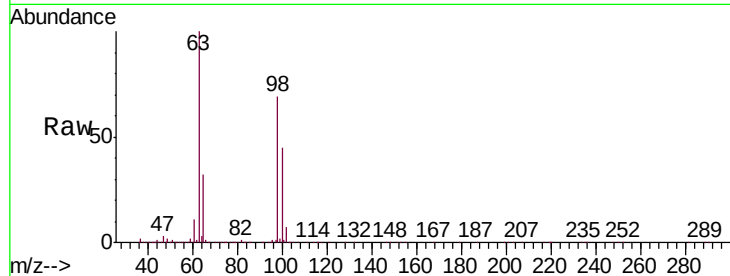
Tgt Ion: 101 Resp: 5516

Ion Ratio Lower Upper

101 100

85 8.0 31.4 47.2#

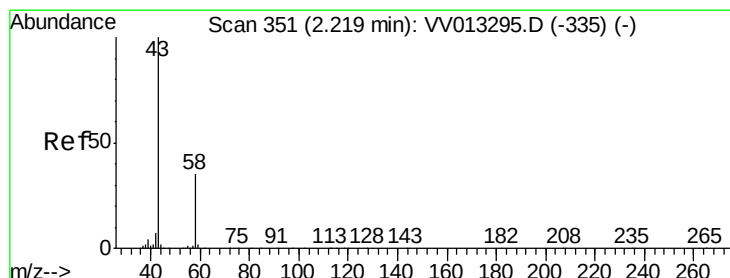
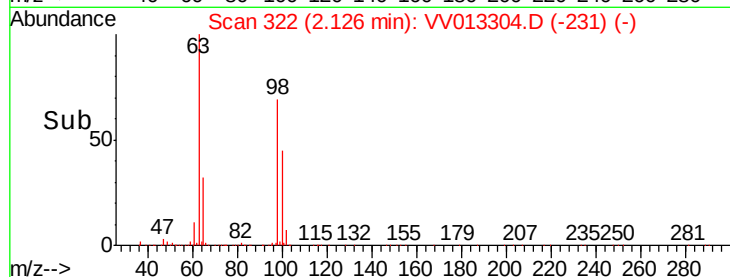
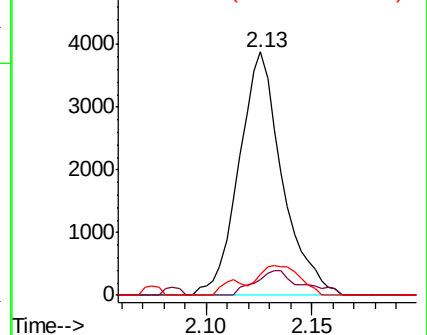
151 11.4 74.6 112.0#



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: 2.366 ug/L

RT: 2.22 min Scan# 352

Delta R.T. 0.00 min

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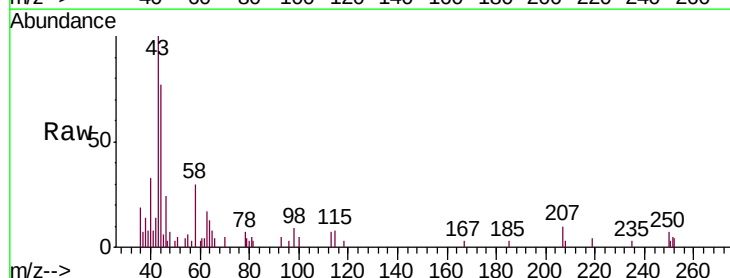
Acq: 23 Oct 2019 19:02

Tgt Ion: 43 Resp: 9954

Ion Ratio Lower Upper

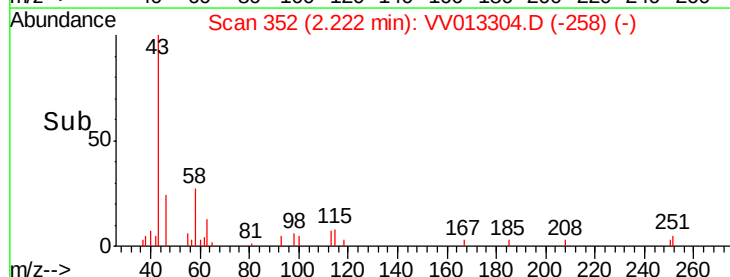
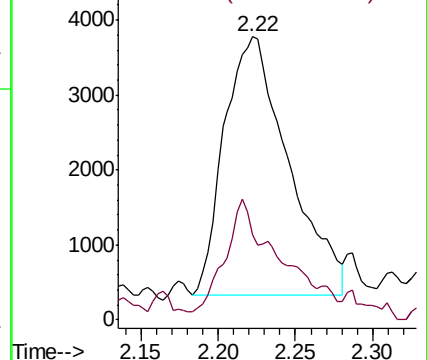
43 100

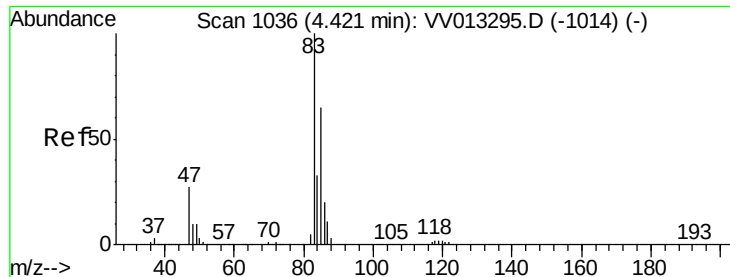
58 19.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#25

Chloroform

Concen: 22.872 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

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ClientSampleId :

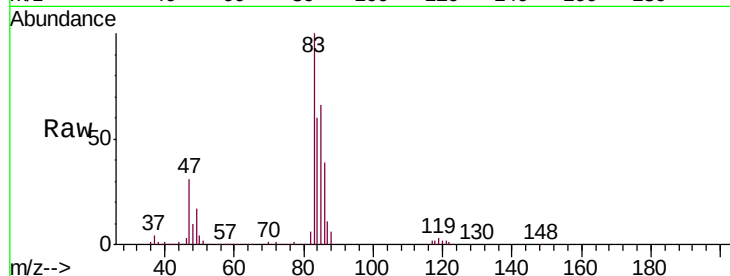
C0048

Tgt Ion: 83 Resp: 378734

Ion Ratio Lower Upper

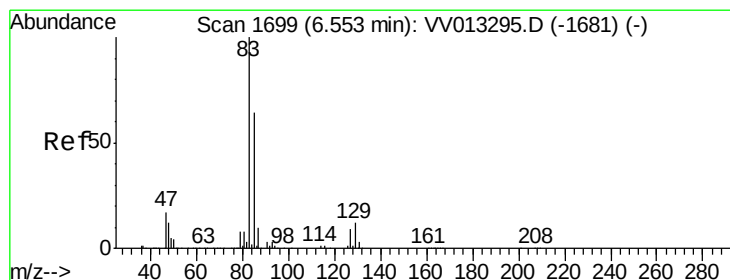
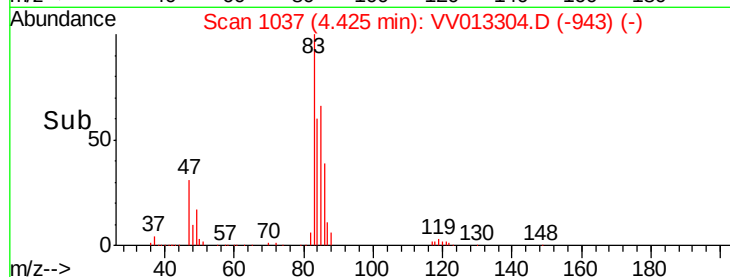
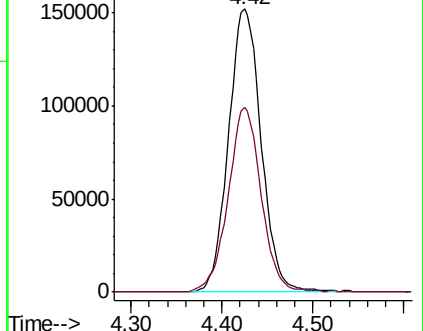
83 100

85 65.5 45.8 85.0



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#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

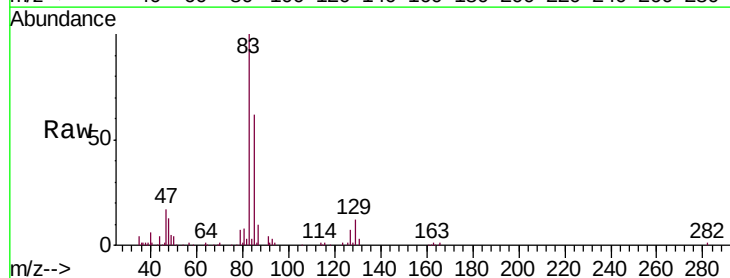
Tgt Ion: 83 Resp: 56819

Ion Ratio Lower Upper

83 100

85 61.7 44.6 82.8

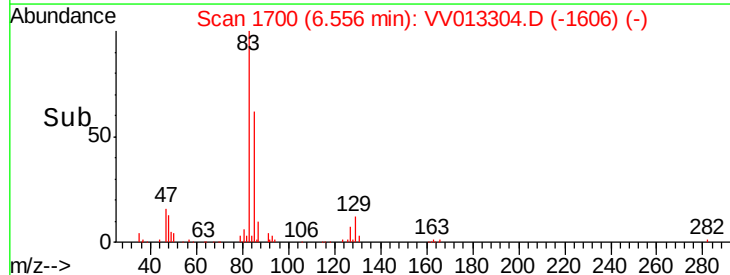
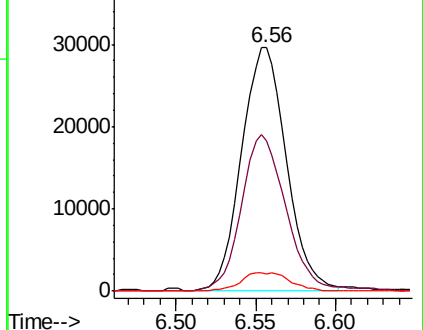
127 7.1 7.4 11.2#

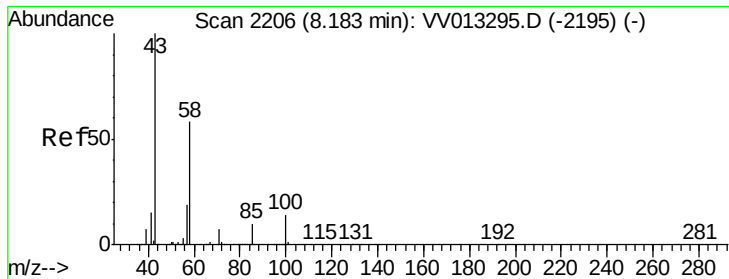


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

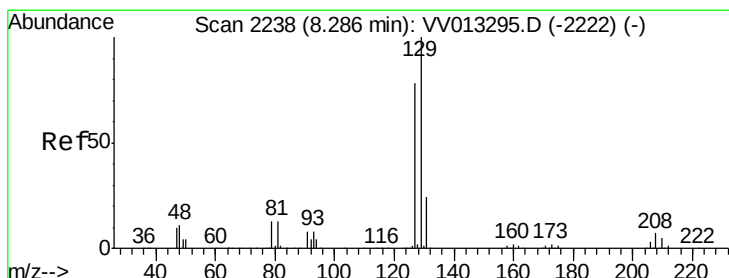
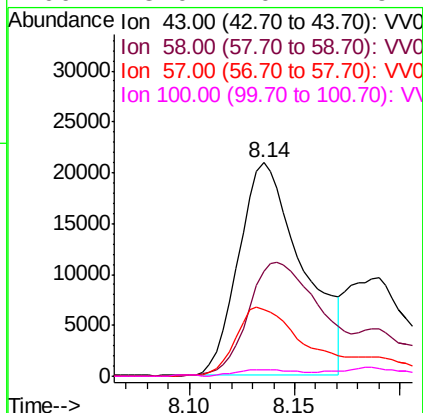
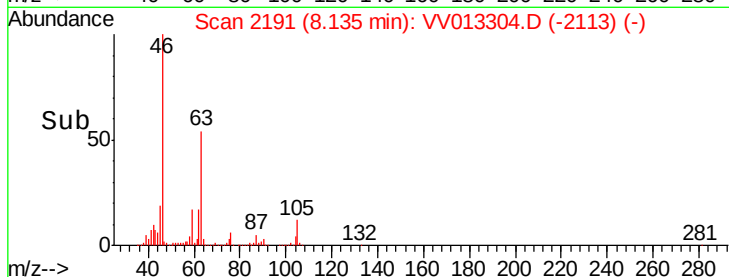
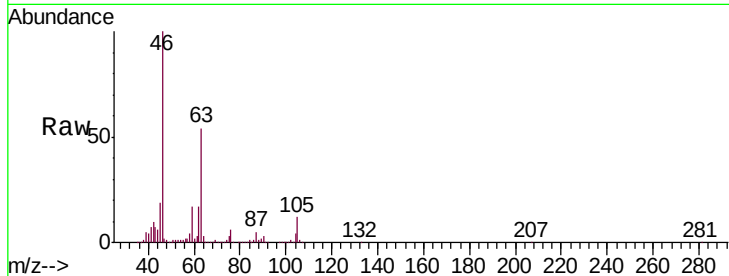




#48
2-Hexanone
Concen: 4.705 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV013304.D
Acq: 23 Oct 2019 19:02

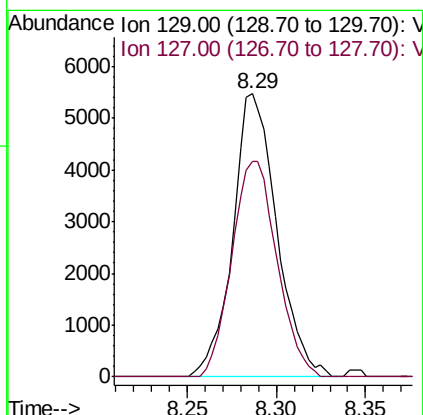
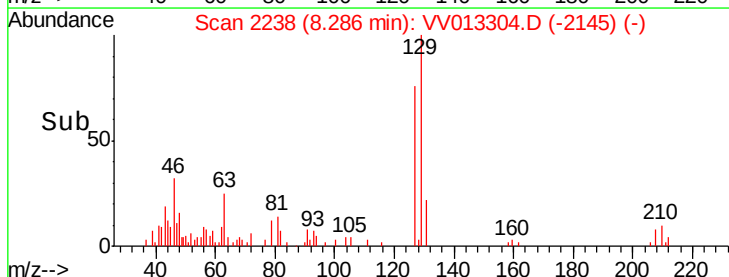
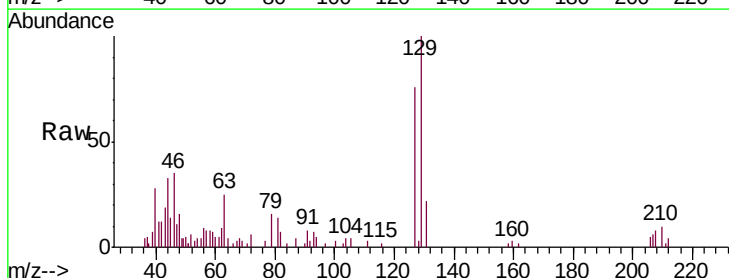
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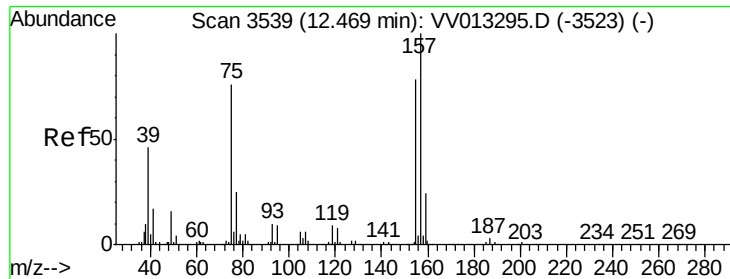
Tgt Ion: 43 Resp: 44089
Ion Ratio Lower Upper
43 100
58 61.5 47.0 70.6
57 32.1 13.8 20.8#
100 3.0 10.2 15.4#



#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: 129 Resp: 9374
Ion Ratio Lower Upper
129 100
127 76.3 54.7 101.5

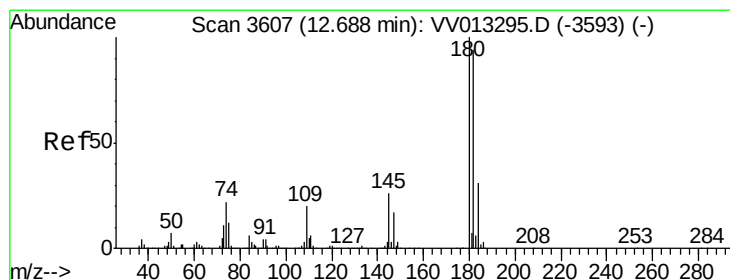
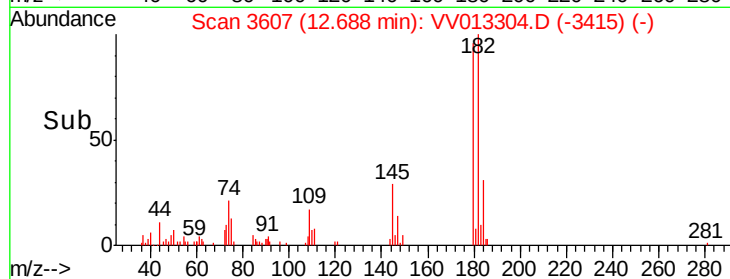
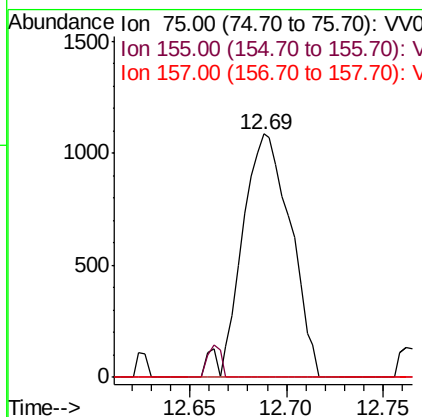
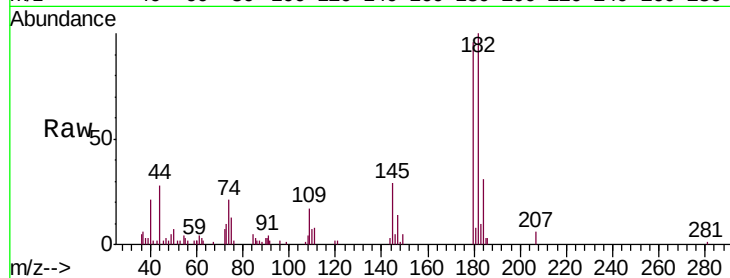




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.725 ug/L
 RT: 12.69 min Scan# 3607
 Delta R.T. 0.22 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

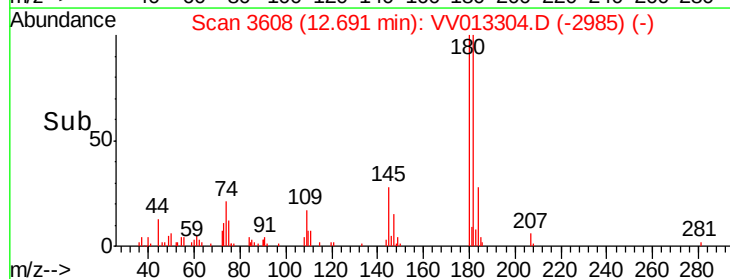
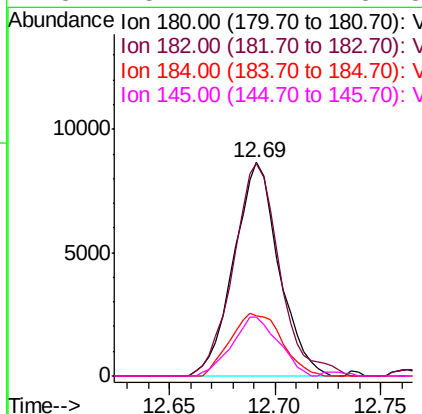
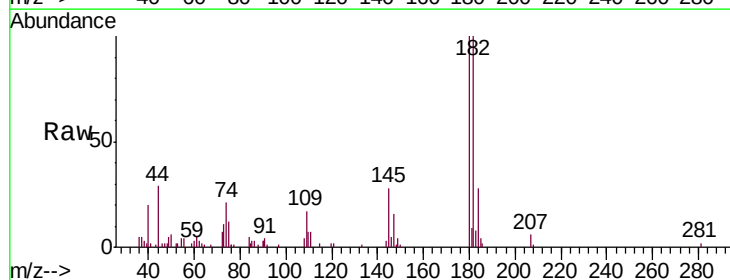
Instrument :
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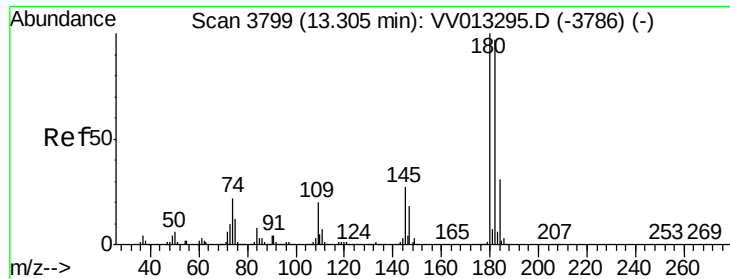
Tgt Ion: 75 Resp: 1890
 Ion Ratio Lower Upper
 75 100
 155 0.0 81.8 122.8#
 157 0.0 105.4 158.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.946 ug/L
 RT: 12.69 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

Tgt Ion: 180 Resp: 12834
 Ion Ratio Lower Upper
 180 100
 182 102.2 76.3 114.5
 184 33.5 24.8 37.2
 145 28.4 21.2 31.8

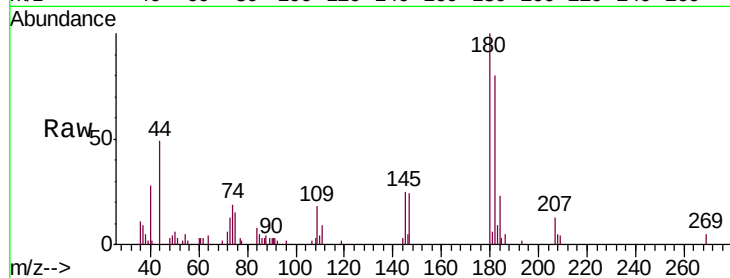




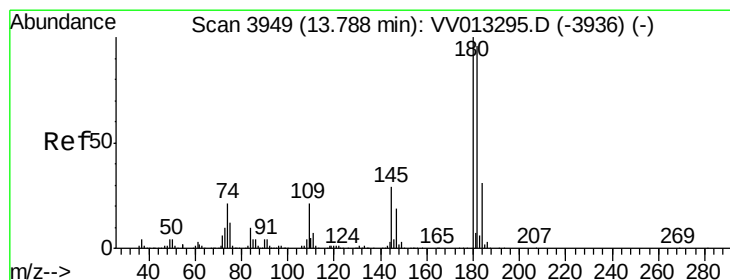
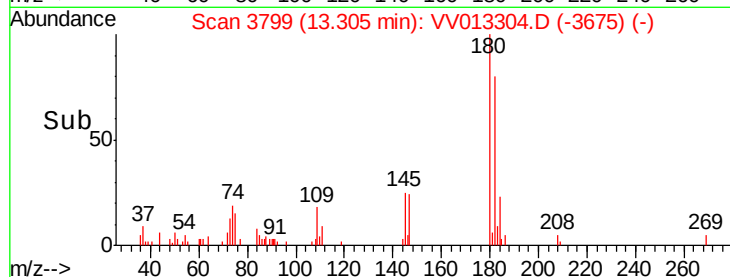
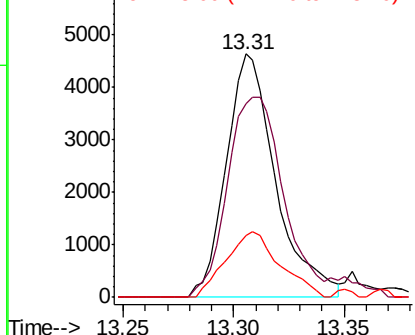
#68
 1,2,4-trichlorobenzene
 Concen: 0.635 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013304.D
 Acq: 23 Oct 2019 19:02

Instrument :
 MSVOA_V
 ClientSampled :
 C0048

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

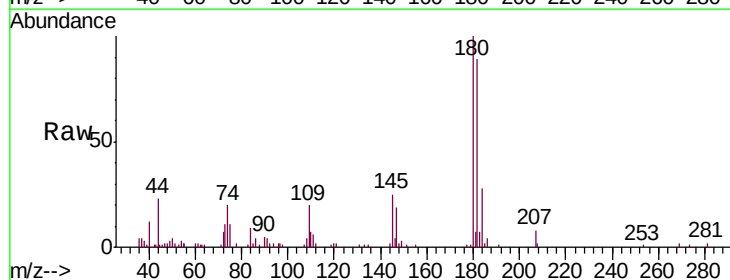


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V



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



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

