

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102620\
 Data File : VV019123.D
 Acq On : 26 Oct 2020 16:44
 Operator : SY/MD
 Sample : L4502-15
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG454

Quant Time: Oct 27 08:01:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 27 07:08:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266530	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	262205	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	124651	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	87383	36.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.18%
7) Chloroethane-d5	1.58	69	73410	37.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.34%
11) 1,1-Dichloroethene-d2	2.12	63	142883	31.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.02%
21) 2-Butanone-d5	3.90	46	140774	86.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.45%
24) Chloroform-d	4.37	84	184186	43.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.98%
26) 1,2-Dichloroethane-d4	5.05	65	130470	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.66%
32) Benzene-d6	5.07	84	351819	43.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.74%
36) 1,2-Dichloropropane-d6	6.09	67	112912	43.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.92%
41) Toluene-d8	7.34	98	306951	42.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.64	79	55471	41.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.34%
47) 2-Hexanone-d5	8.11	63	98185	86.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.92%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	147007	42.52	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.04%
64) 1,2-Dichlorobenzene-d4	11.65	152	127017	48.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.16%

Target Compounds

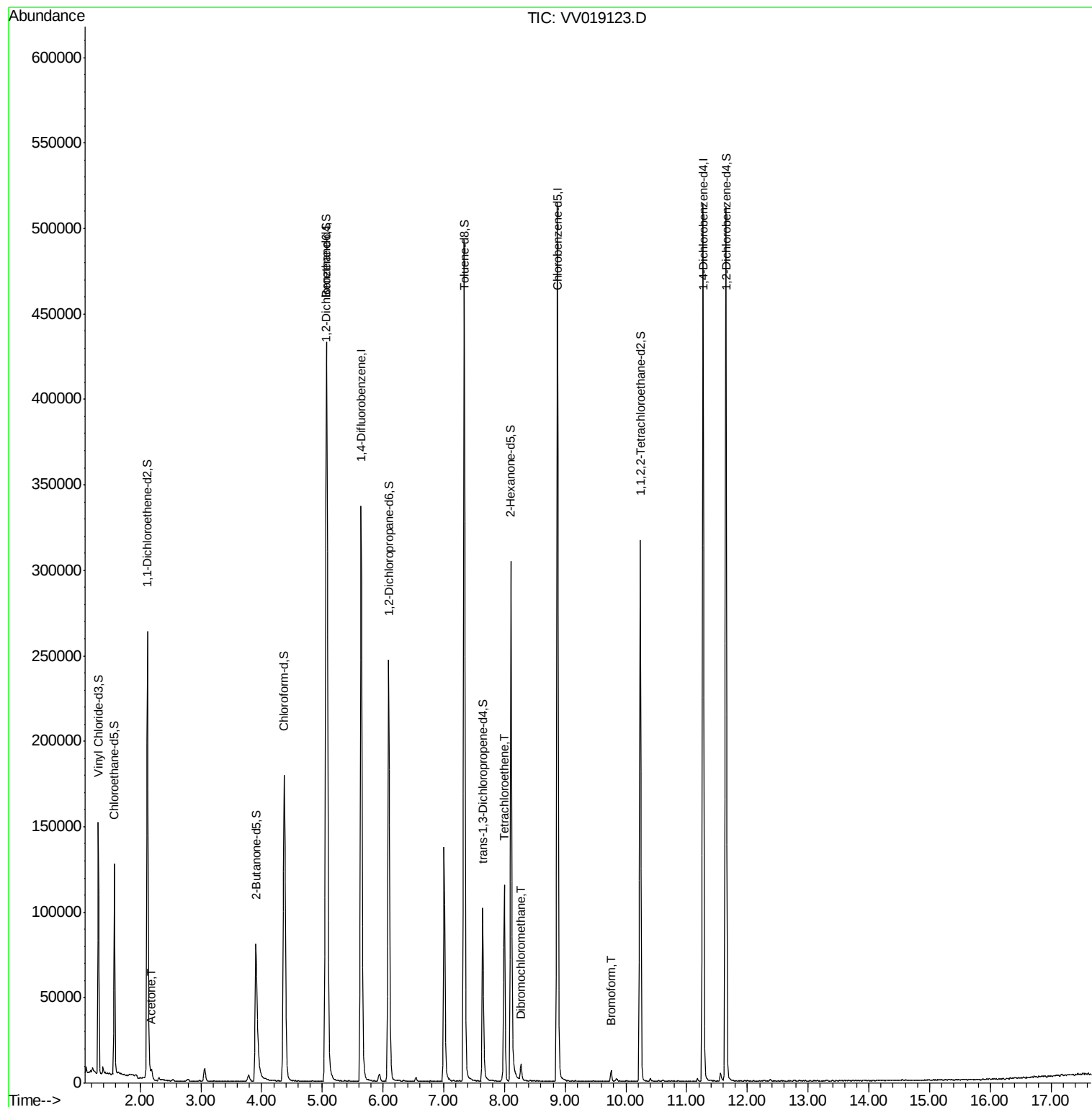
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.19	43	7610	6.895	ug/L	98
46) Tetrachloroethene	8.00	164	25637	16.470	ug/L	99
49) Dibromochloromethane	8.27	129	3647	1.710	ug/L	98
61) Bromoform	9.76	173	2849	2.030	ug/L	99

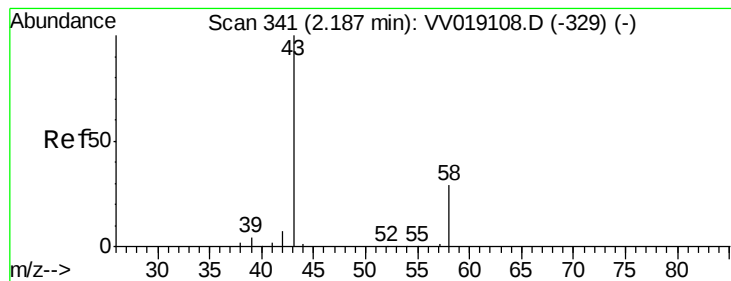
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.895 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV019123.D

Acq: 26 Oct 2020 16:44

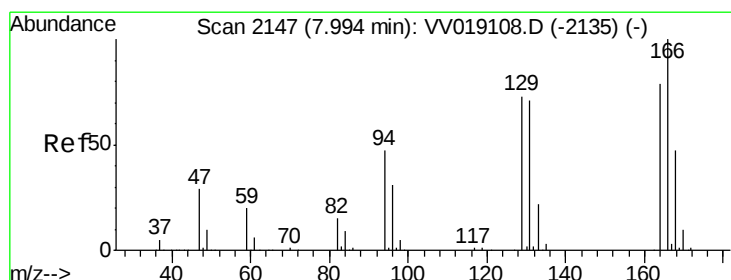
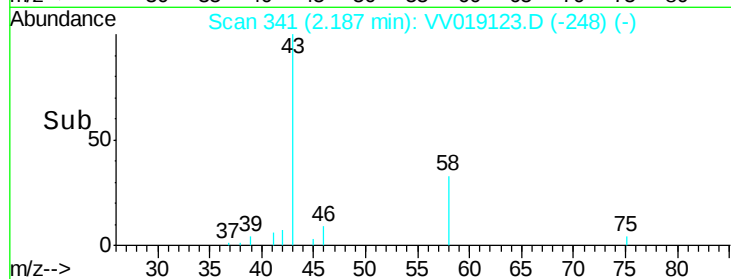
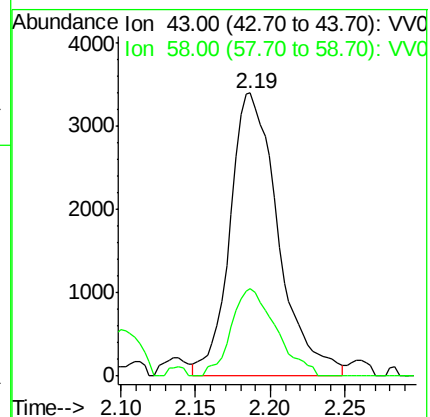
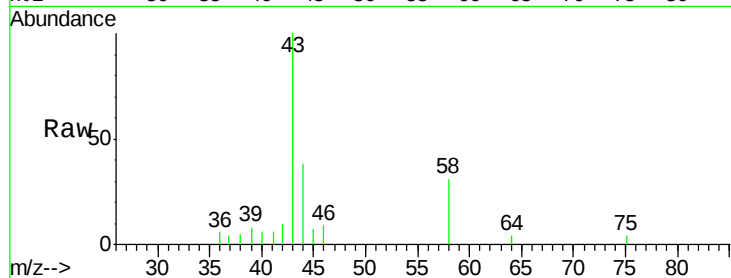
Instrument :
MSVOA_V
ClientSampleId :
BG454

Tot Ion: 43 Resp: 7610

Ion Ratio Lower Upper

43 100

58 28.8 0.0 60.2



#46

Tetrachloroethene

Concen: 16.470 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV019123.D

Acq: 26 Oct 2020 16:44

Tgt Ion: 164 Resp: 25637

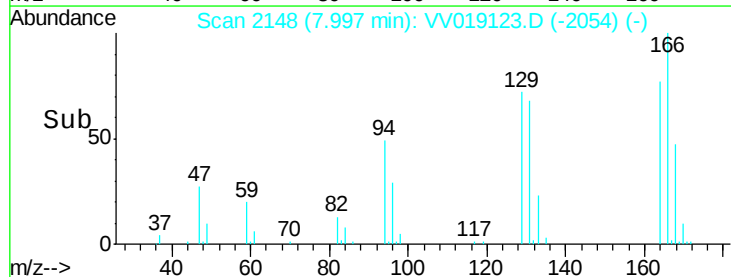
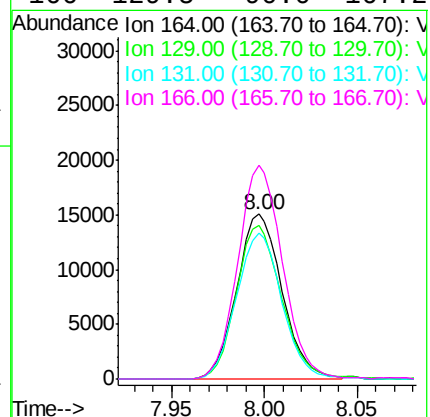
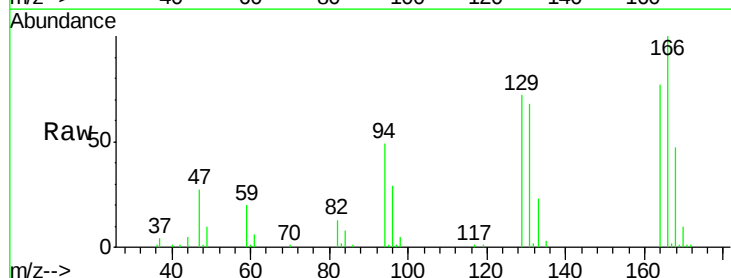
Ion Ratio Lower Upper

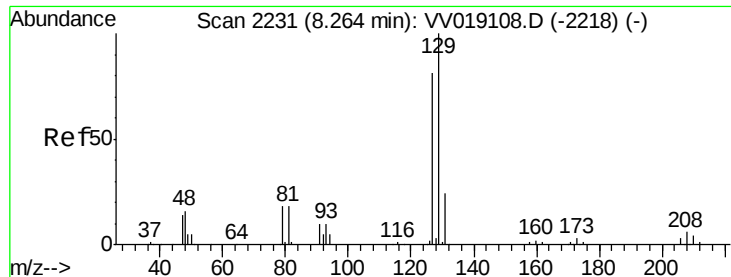
164 100

129 93.3 65.5 121.6

131 88.6 62.4 115.8

166 129.5 90.0 167.2





#49

Dibromochloromethane

Concen: 1.710 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.01 min

Lab File: VV019123.D

Acq: 26 Oct 2020 16:44

Instrument :

MSVOA_V

ClientSampleId :

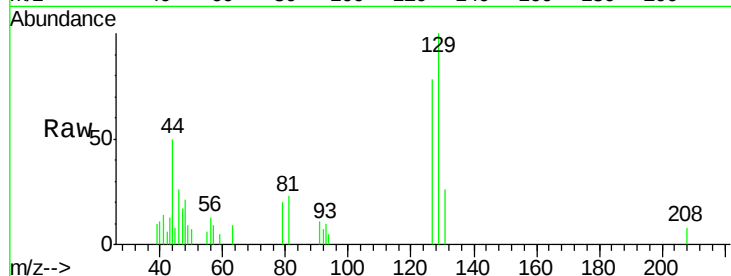
BG454

Tot Ion:129 Resp: 3647

Ion Ratio Lower Upper

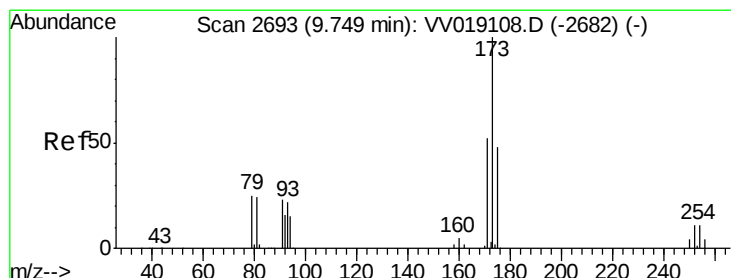
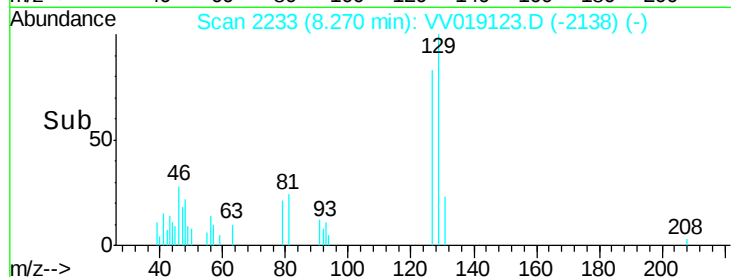
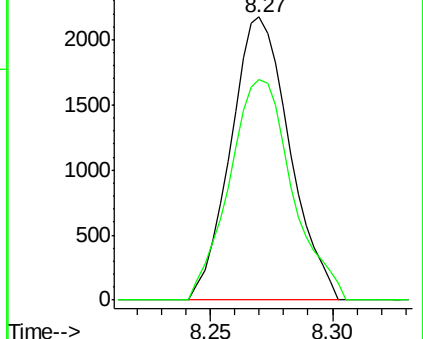
129 100

127 78.1 53.7 99.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#61

Bromoform

Concen: 2.030 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.01 min

Lab File: VV019123.D

Acq: 26 Oct 2020 16:44

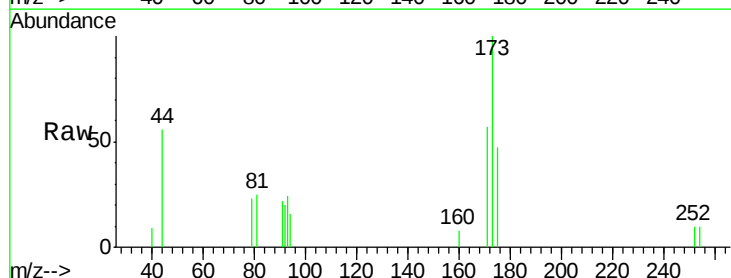
Tgt Ion:173 Resp: 2849

Ion Ratio Lower Upper

173 100

175 47.3 38.3 57.5

254 9.5 8.3 12.5



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

