

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120519\
 Data File : VV013918.D
 Acq On : 05 Dec 2019 16:00
 Operator : SY/MD
 Sample : K6165-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBBW3

Quant Time: Dec 06 04:46:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 04:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	576154	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	581184	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	230556	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	135459	40.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.30%
7) Chloroethane-d5	1.57	69	157592	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.13	63	234680	31.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.70%
21) 2-Butanone-d5	3.92	46	263016	112.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.14%
24) Chloroform-d	4.39	84	343218	49.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.10%
26) 1,2-Dichloroethane-d4	5.07	65	222406	50.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.32%
32) Benzene-d6	5.09	84	671995	44.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.24%
36) 1,2-Dichloropropane-d6	6.11	67	217677	48.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.30%
41) Toluene-d8	7.35	98	568180	41.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.76%
43) trans-1,3-Dichloropropene-	7.66	79	94890	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.28%
47) 2-Hexanone-d5	8.13	63	152314	90.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.23%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	323791	49.47	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.94%
64) 1,2-Dichlorobenzene-d4	11.67	152	247086	54.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.14%

Target Compounds

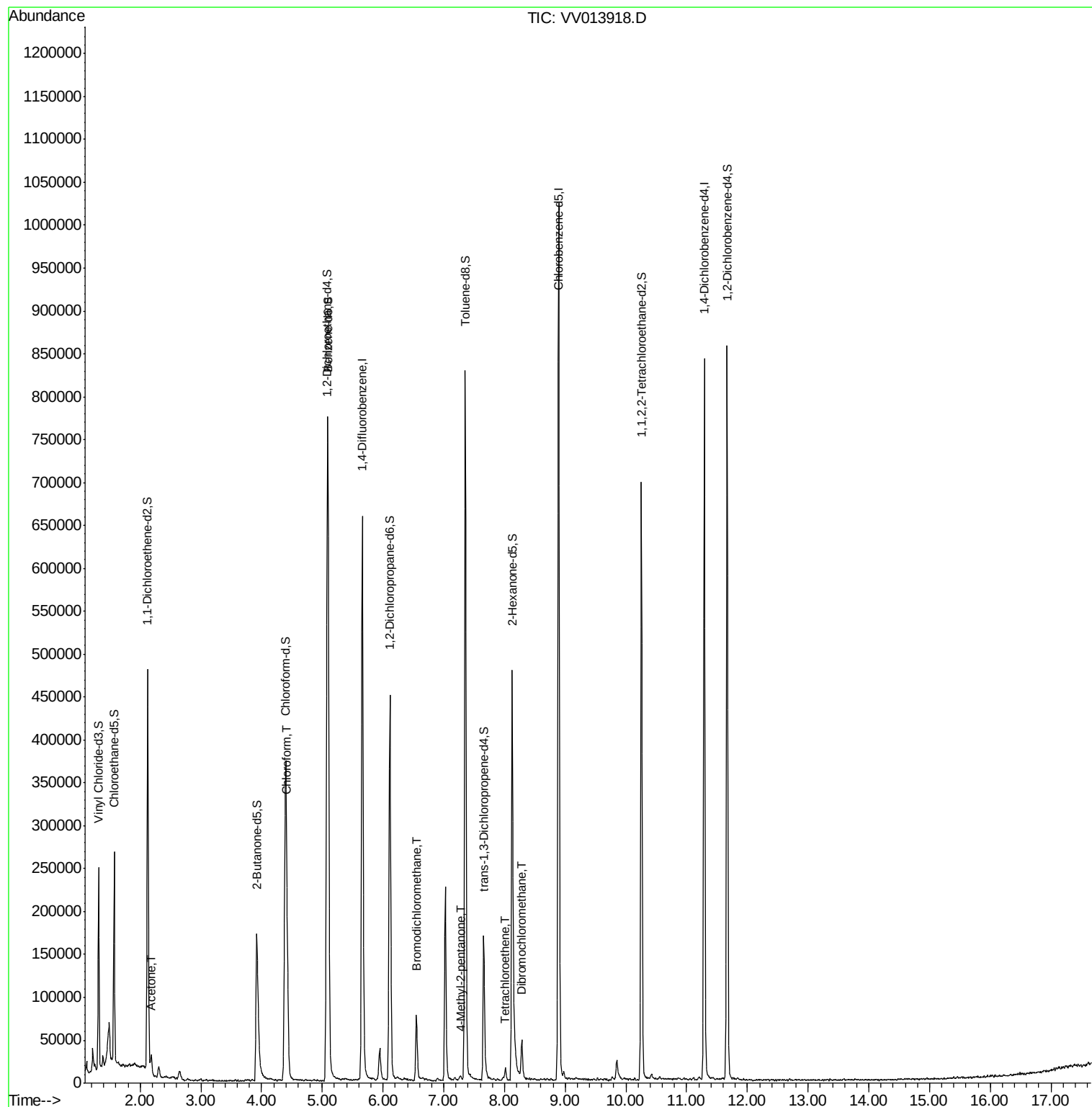
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.18	43	13118	3.817	ug/L	93
25) Chloroform	4.42	83	115346	14.628	ug/L	99
38) Bromodichloromethane	6.55	83	51010	8.587	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	5817	1.068	ug/L #	55
46) Tetrachloroethene	8.02	164	3192	0.762	ug/L	88
49) Dibromochloromethane	8.29	129	16703	3.286	ug/L	96

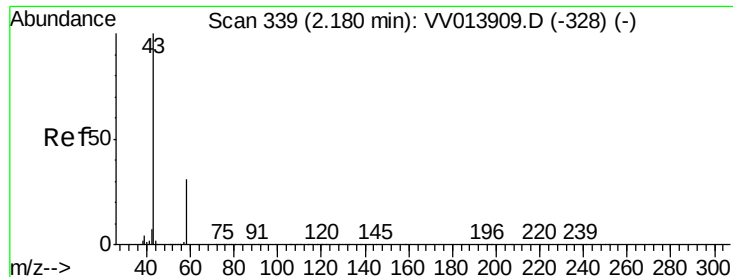
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 06 04:06:40 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.817 ug/L

RT: 2.18 min Scan# 340

Delta R.T. 0.00 min

Lab File: VV013918.D

Acq: 05 Dec 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

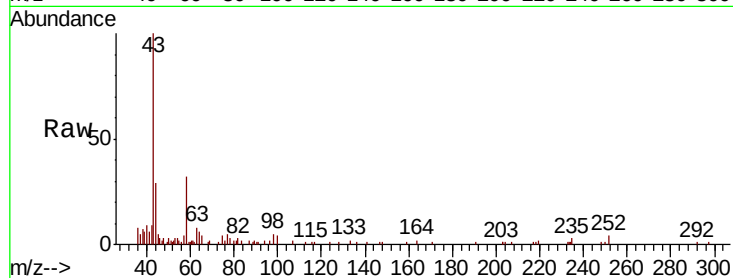
DBBW3

Tot Ion: 43 Resp: 13118

Ion Ratio Lower Upper

43 100

58 26.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV013909.D (-328) (-)

Ion 58.00 (57.70 to 58.70): VV013909.D (-328) (-)

2.18

10000

8000

6000

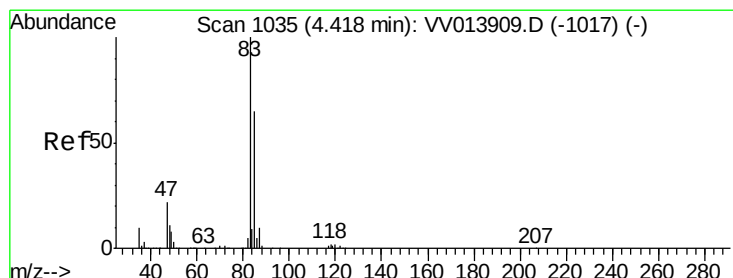
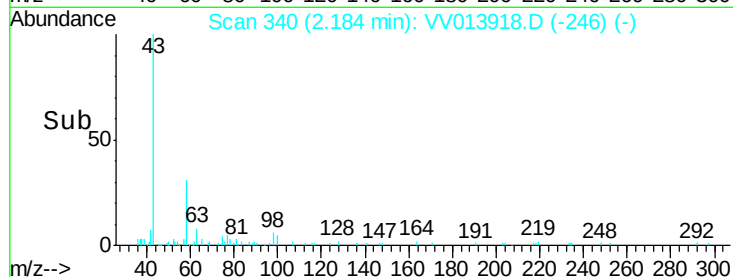
4000

2000

0

Time-->

2.10 2.15 2.20 2.25



#25

Chloroform

Concen: 14.628 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VV013918.D

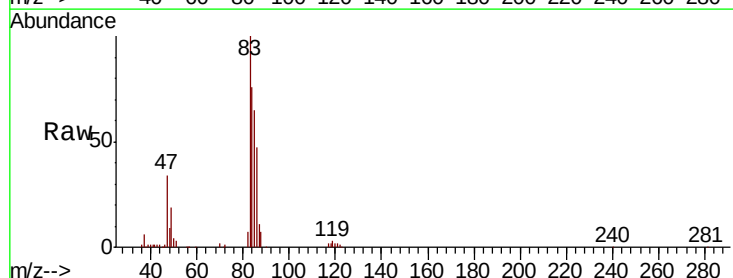
Acq: 05 Dec 2019 16:00

Tgt Ion: 83 Resp: 115346

Ion Ratio Lower Upper

83 100

85 64.7 45.7 84.9



Abundance Ion 83.00 (82.70 to 83.70): VV013909.D (-1017) (-)

Ion 85.00 (84.70 to 85.70): VV013909.D (-1017) (-)

4.42

50000

40000

30000

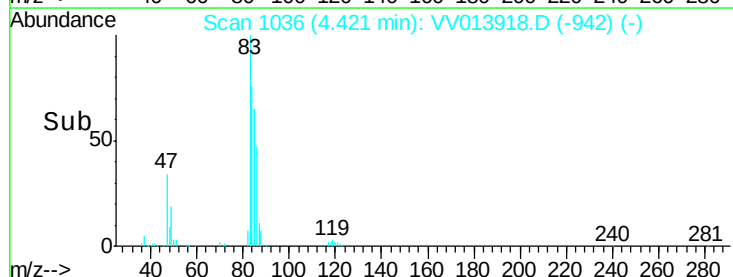
20000

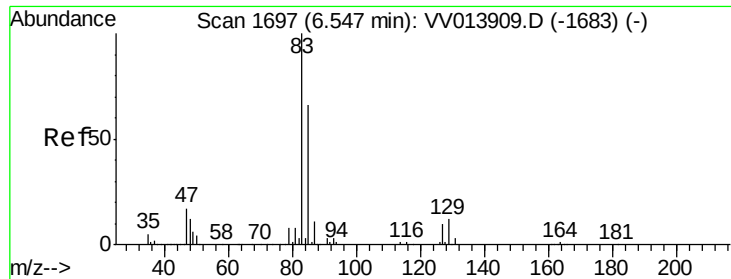
10000

0

Time-->

4.35 4.40 4.45 4.50

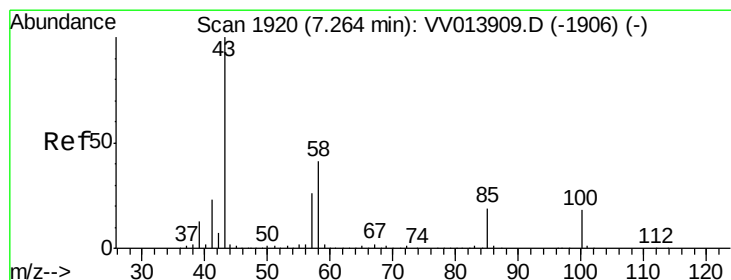
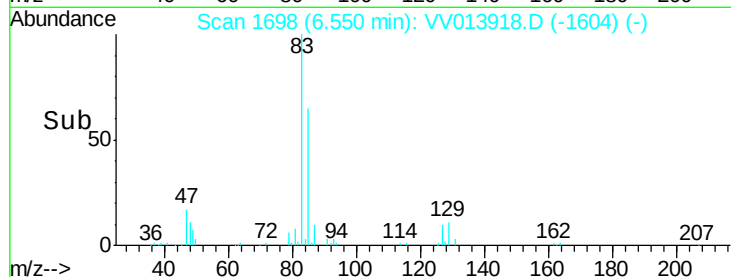
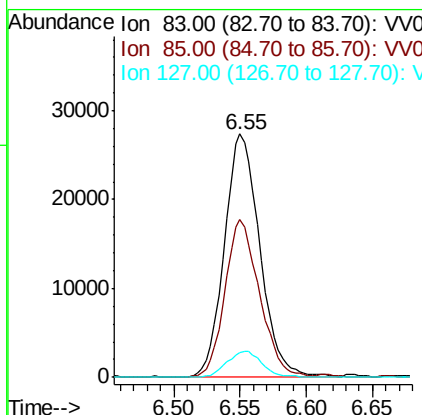
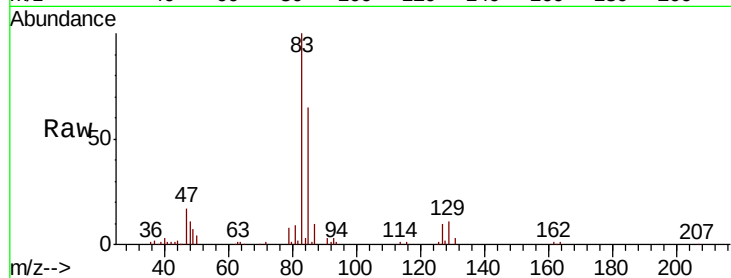




#38
 Bromodichloromethane
 Concen: 8.587 ug/L
 RT: 6.55 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VV013918.D
 Acq: 05 Dec 2019 16:00

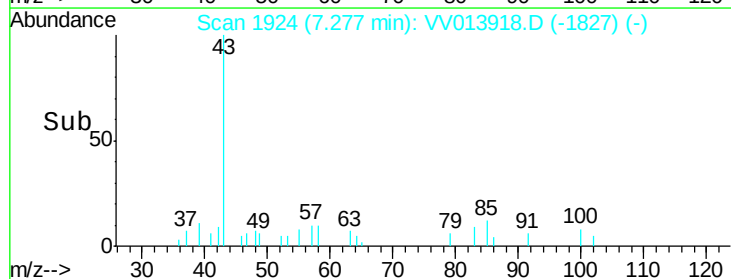
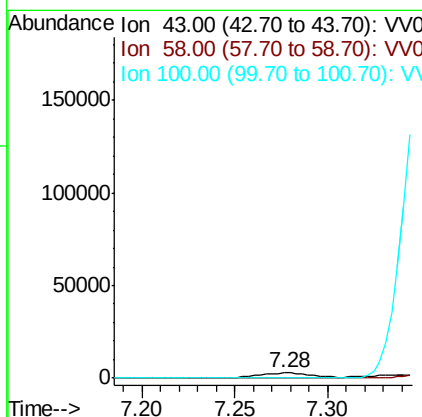
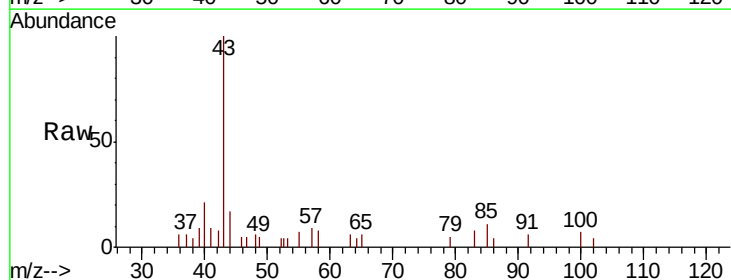
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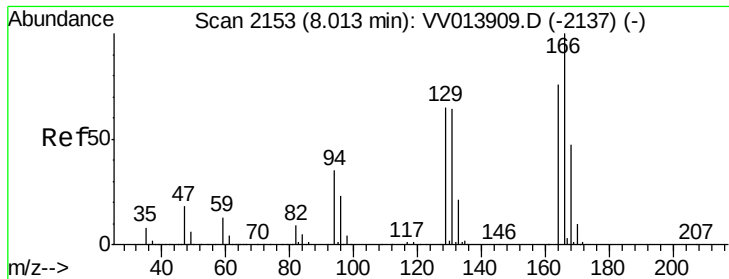
Tot Ion: 83 Resp: 51010
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.8 83.2
 127 10.1 7.7 11.5



#40
 4-Methyl-2-pentanone
 Concen: 1.068 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.01 min
 Lab File: VV013918.D
 Acq: 05 Dec 2019 16:00

Tgt Ion: 43 Resp: 5817
 Ion Ratio Lower Upper
 43 100
 58 9.2 31.9 47.9#
 100 3.0 13.7 20.5#





#46

Tetrachloroethene

Concen: 0.762 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.01 min

Lab File: VV013918.D

Acq: 05 Dec 2019 16:00

Instrument :

MSVOA_V

ClientSampleId :

DBBW3

Tot Ion:164 Resp: 3192

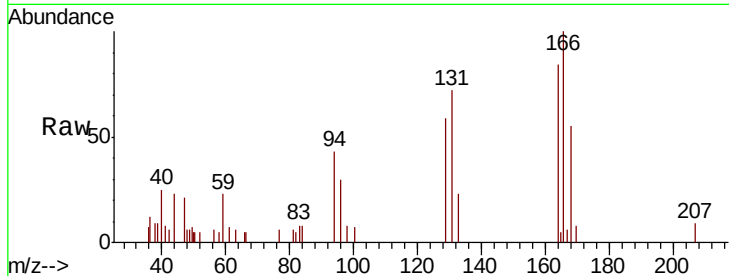
Ion Ratio Lower Upper

164 100

129 70.6 61.7 114.7

131 85.9 58.4 108.6

166 118.8 93.4 173.6

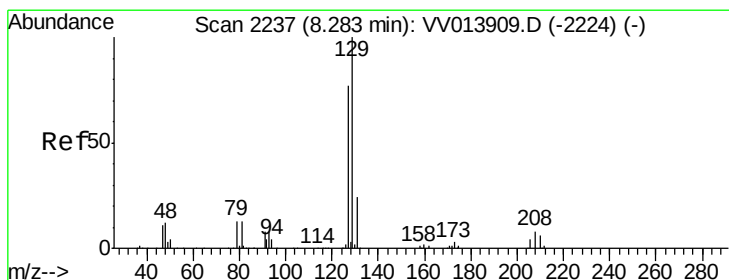
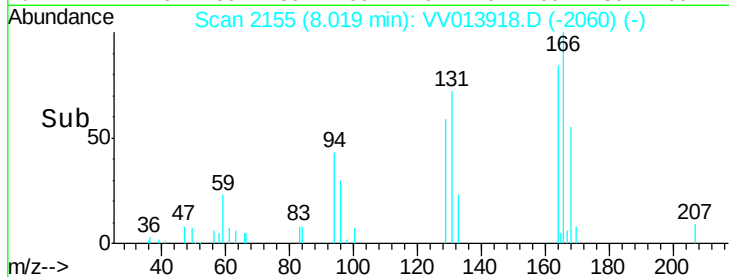
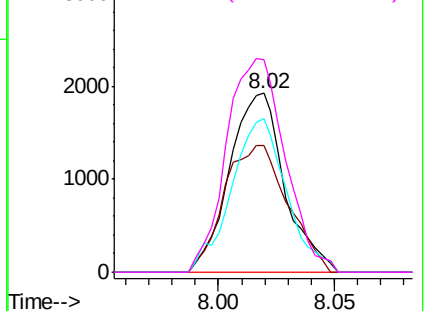


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

Dibromochloromethane

Concen: 3.286 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV013918.D

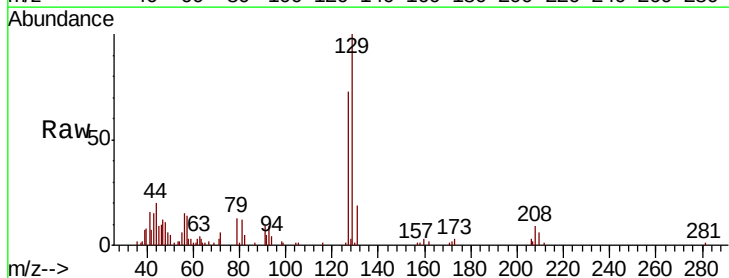
Acq: 05 Dec 2019 16:00

Tgt Ion:129 Resp: 16703

Ion Ratio Lower Upper

129 100

127 73.0 53.7 99.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

