

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014359.D
 Acq On : 20 Jan 2020 15:53
 Operator : SY/MD
 Sample : L1194-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

Quant Time: Jan 20 16:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	783569	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721171	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	335935	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	542	0.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.20%#
7) Chloroethane-d5	1.59	69	213614	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	2.13	63	19573	0.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.80%#
20) 2-Butanone-d5	3.94	46	637997	48.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.88%
24) Chloroform-d	4.40	84	545012	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.08	65	261779	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.10	84	1082756	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	351111	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.37	98	5563	0.03	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.60%#
43) trans-1,3-Dichloropropene-	7.67	79	13510	0.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	9.20%#
46) 2-Hexanone-d5	8.13	63	460321	36.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.68%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	235026	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	319573	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

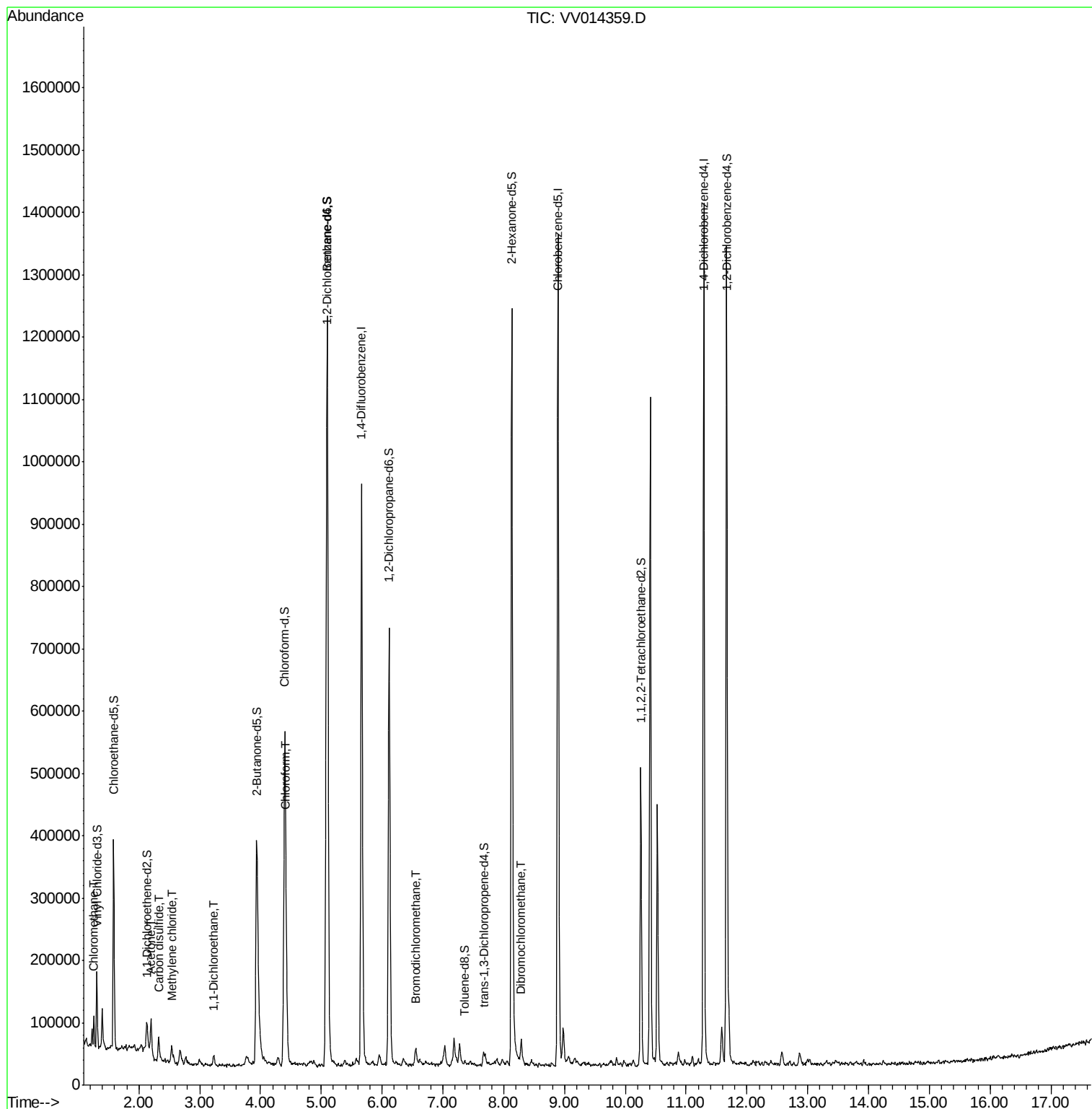
					Ovalue
3) Chloromethane	1.26	50	31602	0.538	ug/L 100
13) Acetone	2.20	43	68782	7.584	ug/L 99
14) Carbon disulfide	2.32	76	22598	0.145	ug/L 96
16) Methylene chloride	2.54	84	8079	0.142	ug/L 99
19) 1,1-Dichloroethane	3.23	63	15436	0.150	ug/L 93
25) Chloroform	4.43	83	55105	0.558	ug/L 98
38) Bromodichloromethane	6.55	83	14086	0.195	ug/L # 96
49) Dibromochloromethane	8.29	129	10471	0.231	ug/L 82

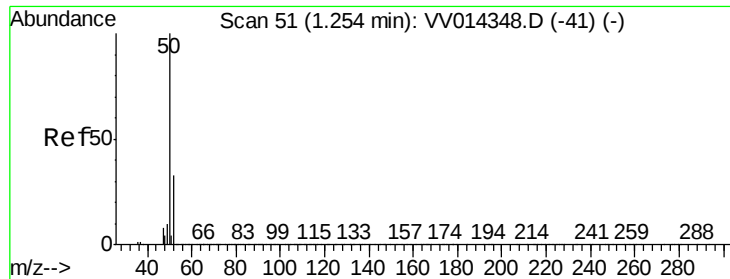
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.538 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV014359.D

Acq: 20 Jan 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

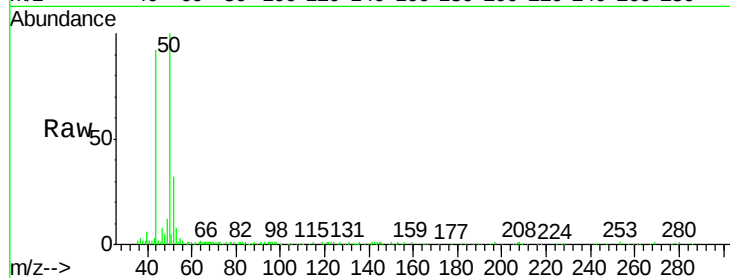
C0AC1

Tot Ion: 50 Resp: 31602

Ion Ratio Lower Upper

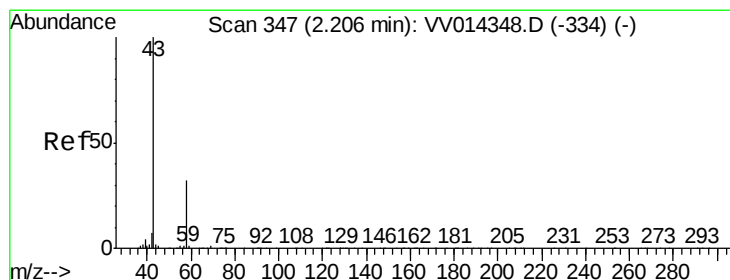
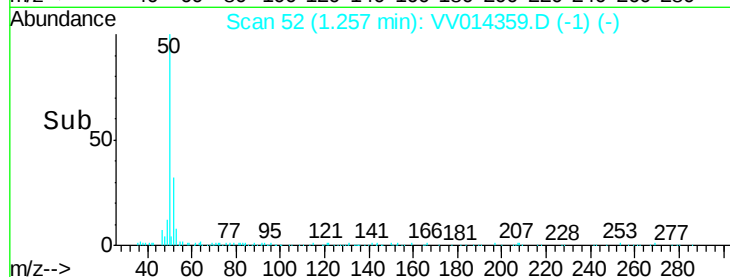
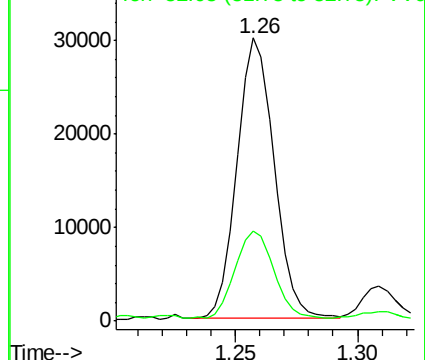
50 100

52 32.0 22.3 41.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#13

Acetone

Concen: 7.584 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

Lab File: VV014359.D

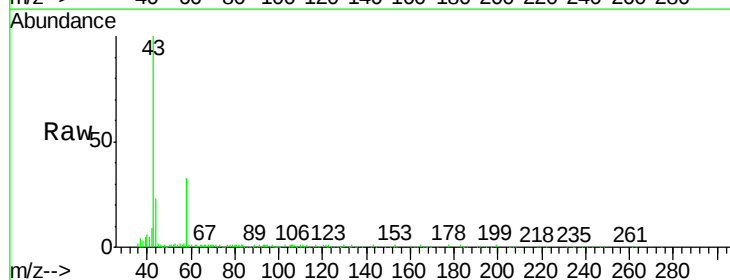
Acq: 20 Jan 2020 15:53

Tgt Ion: 43 Resp: 68782

Ion Ratio Lower Upper

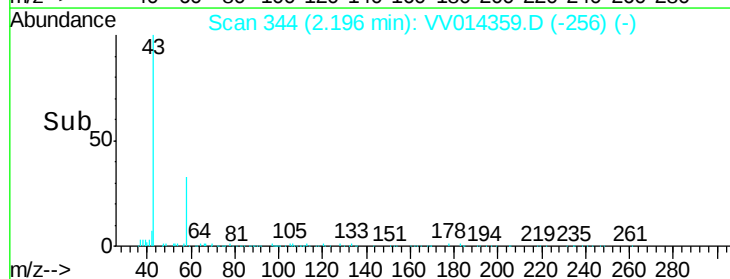
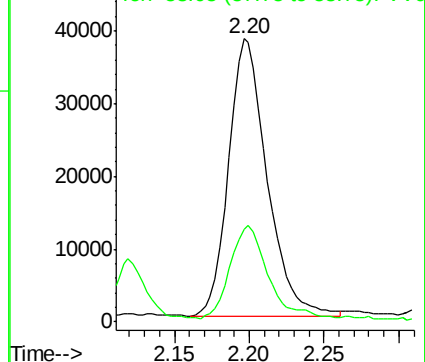
43 100

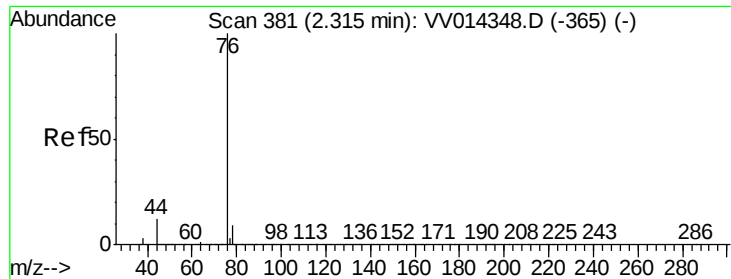
58 33.6 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.145 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014359.D

Acq: 20 Jan 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

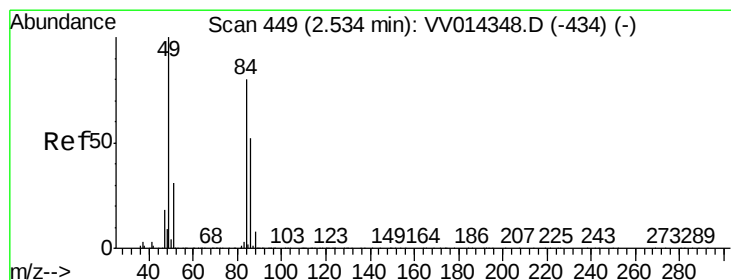
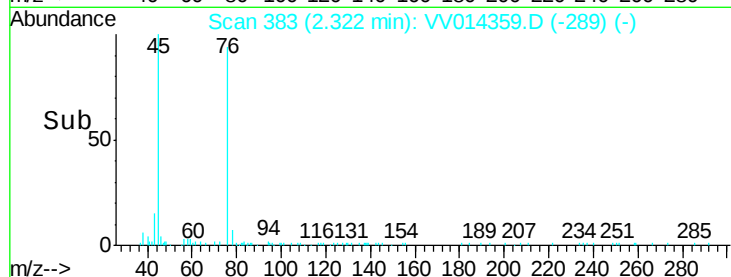
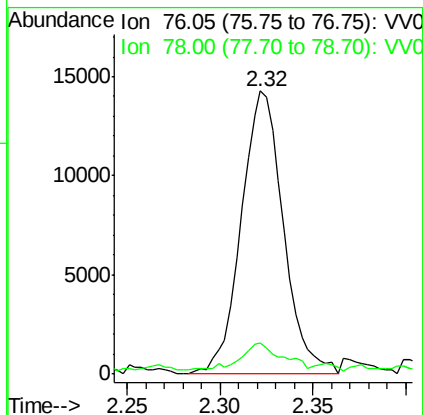
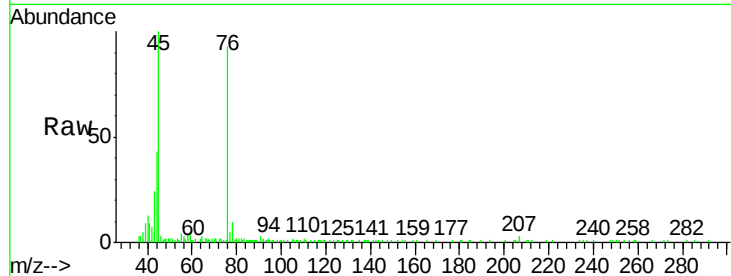
C0AC1

Tot Ion: 76 Resp: 22598

Ion Ratio Lower Upper

76 100

78 10.8 7.5 11.3



#16

Methylene chloride

Concen: 0.142 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014359.D

Acq: 20 Jan 2020 15:53

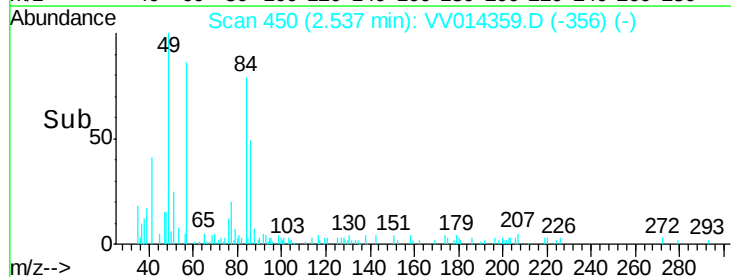
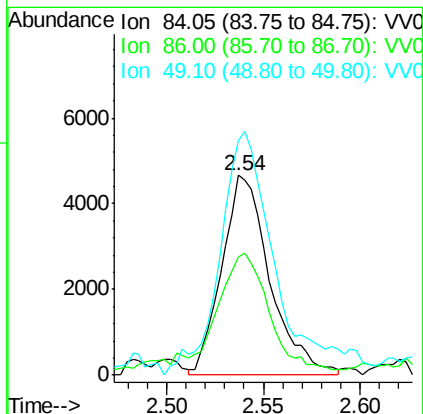
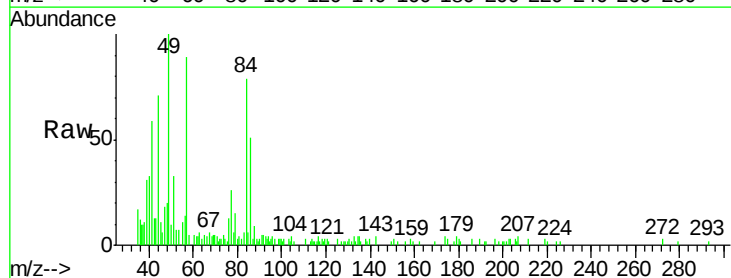
Tgt Ion: 84 Resp: 8079

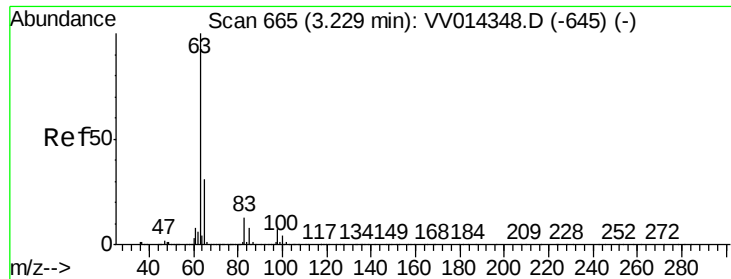
Ion Ratio Lower Upper

84 100

86 59.2 43.1 80.1

49 117.3 82.1 152.5

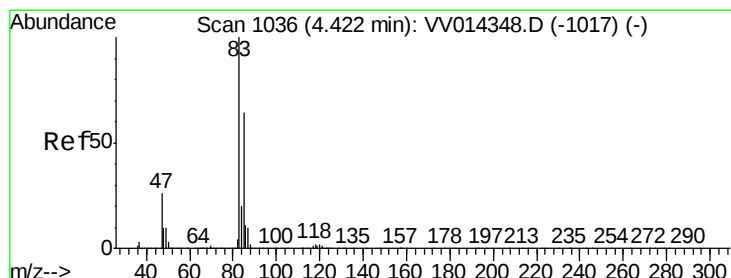
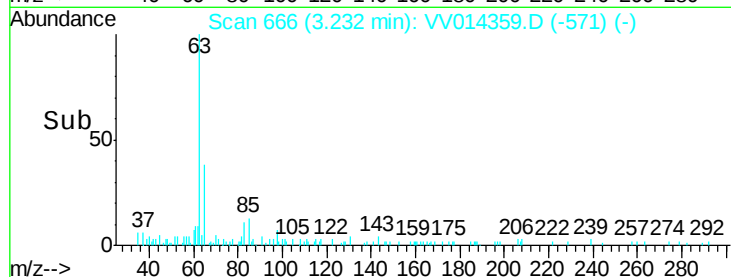
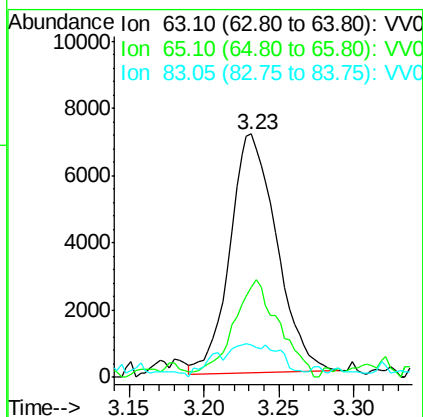
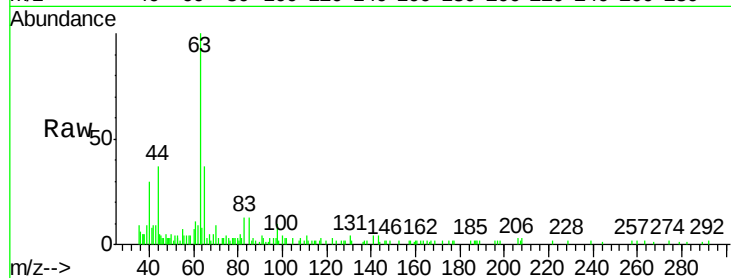




#19
 1,1-Dichloroethane
 Concen: 0.150 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.01 min
 Lab File: VV014359.D
 Acq: 20 Jan 2020 15:53

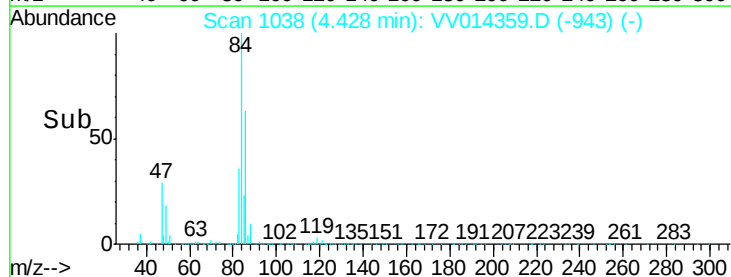
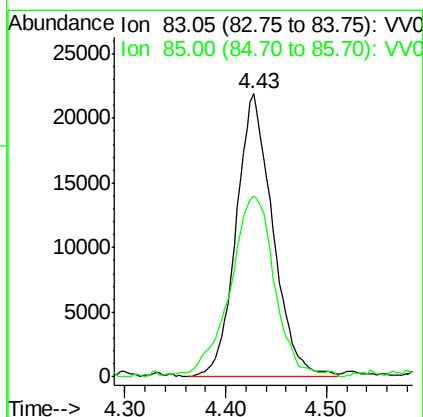
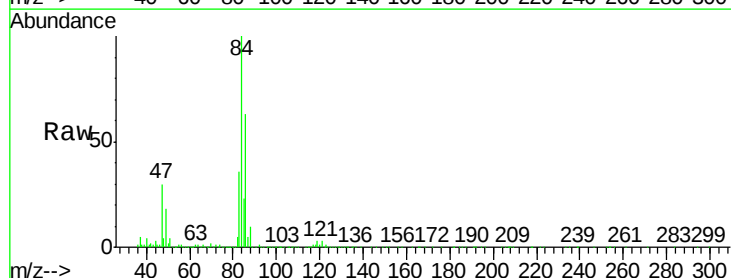
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

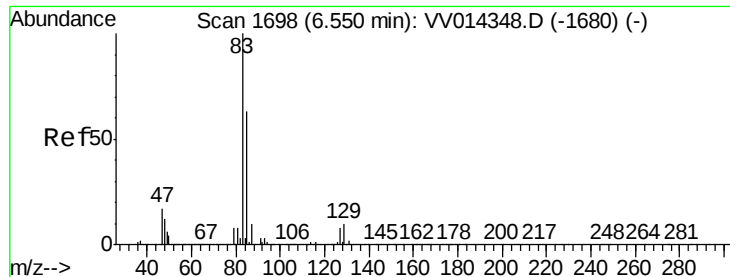
Tot Ion:	63	Resp:	15436
Ion	Ratio	Lower	Upper
63	100		
65	37.1	22.7	42.3
83	13.1	10.0	18.6



#25
 Chloroform
 Concen: 0.558 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV014359.D
 Acq: 20 Jan 2020 15:53

Tgt Ion:	83	Resp:	55105
Ion	Ratio	Lower	Upper
83	100		
85	64.1	46.2	85.8





#38

Bromodichloromethane

Concen: 0.195 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV014359.D

Acq: 20 Jan 2020 15:53

Instrument :

MSVOA_V

ClientSampleId :

C0AC1

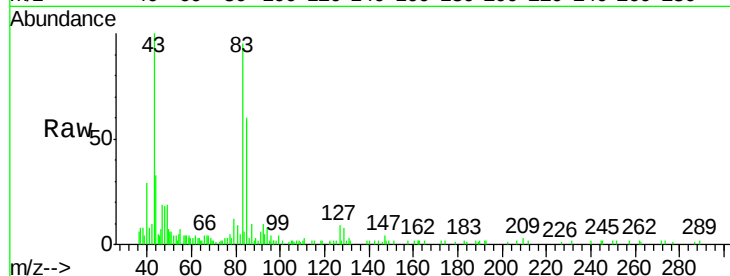
Tot Ion: 83 Resp: 14086

Ion Ratio Lower Upper

83 100

85 63.1 46.4 86.2

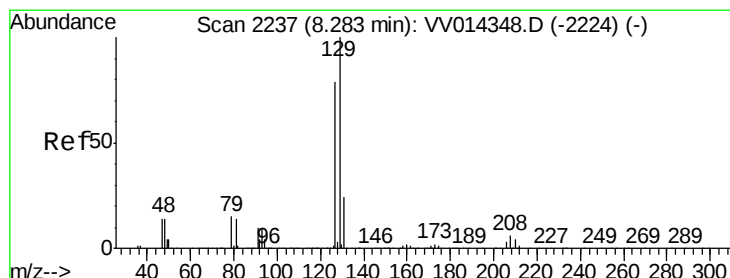
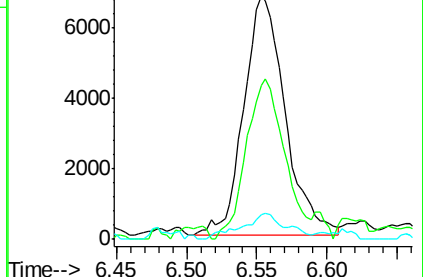
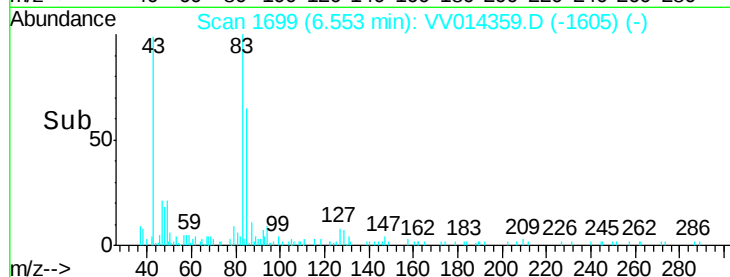
127 9.9 6.3 9.5#



Abundance Ion 82.95 (82.65 to 83.65): VV014359.D (-1605) (-)

Ion 85.00 (84.70 to 85.70): VV014359.D (-1605) (-)

Ion 126.90 (126.60 to 127.60): VV014359.D (-1605) (-)



#49

Dibromochloromethane

Concen: 0.231 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV014359.D

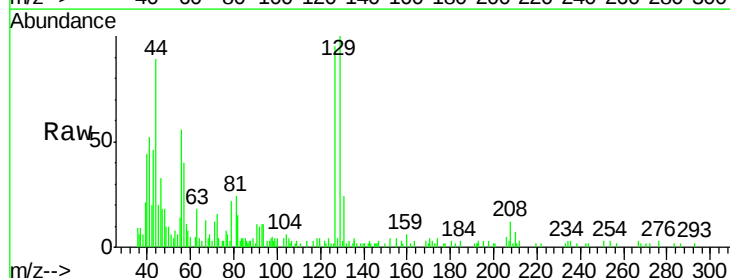
Acq: 20 Jan 2020 15:53

Tgt Ion:129 Resp: 10471

Ion Ratio Lower Upper

129 100

127 95.2 55.7 103.5



Abundance Ion 128.95 (128.65 to 129.65): VV014359.D (-2144) (-)

Ion 126.90 (126.60 to 127.60): VV014359.D (-2144) (-)

