

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014360.D
 Acq On : 20 Jan 2020 16:15
 Operator : SY/MD
 Sample : L1194-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2

Quant Time: Jan 20 16:53:49 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	827936	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	753725	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	354054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	0.00	65	0d	0.00	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.59	69	189292	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.13	63	51580	0.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	12.00%#
20) 2-Butanone-d5	3.95	46	591437	42.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.00%
24) Chloroform-d	4.40	84	500107	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.08	65	248477	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
32) Benzene-d6	5.10	84	1021018	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.12	67	317223	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	111633	0.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	10.80%#
43) trans-1,3-Dichloropropene-	7.67	79	38919	1.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	25.20%#
46) 2-Hexanone-d5	8.14	63	384729	29.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	58.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	223160	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	296210	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

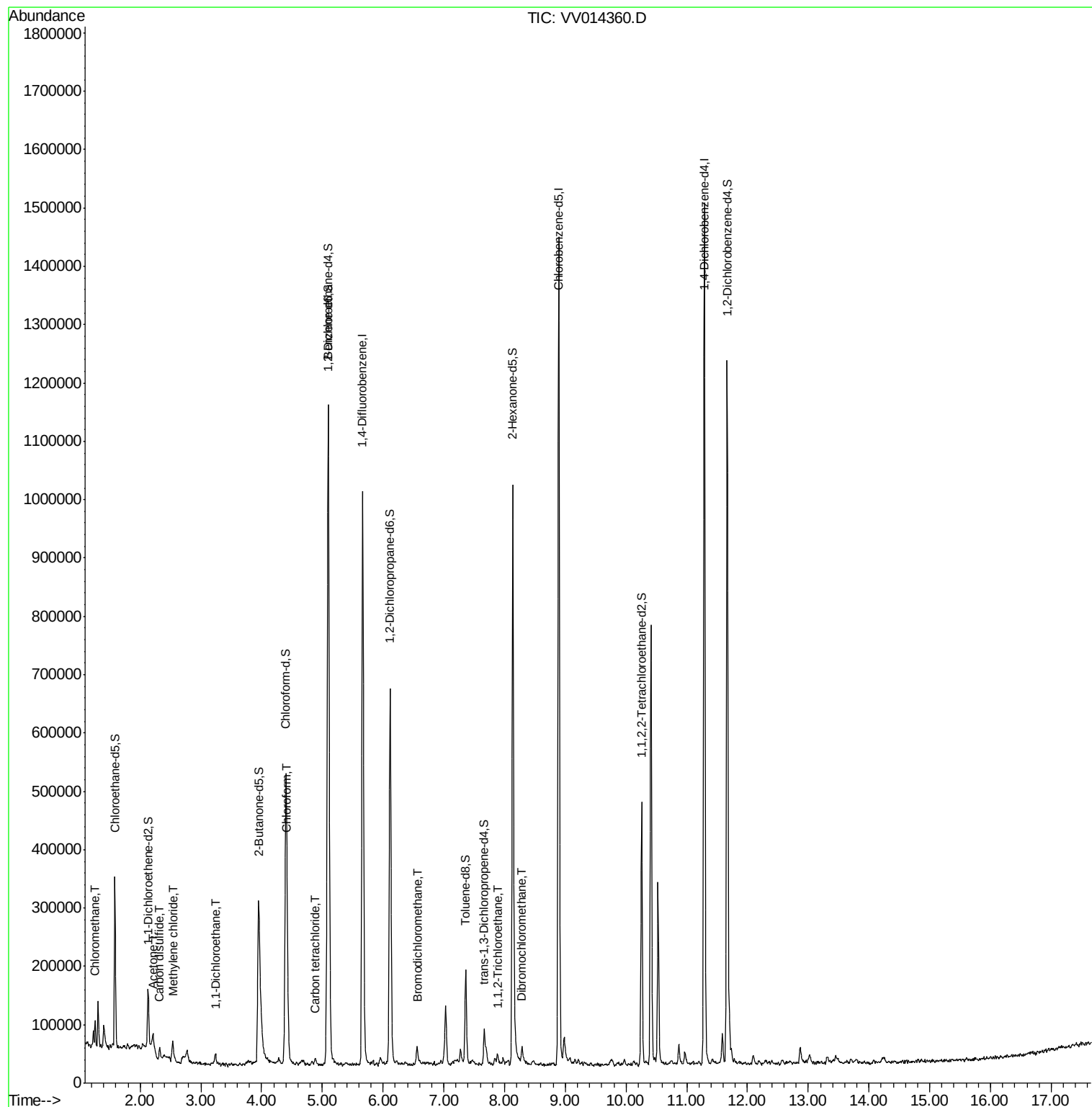
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	30372	0.490	ug/L	99
13) Acetone	2.21	43	57967	6.049	ug/L	94
14) Carbon disulfide	2.32	76	26205	0.160	ug/L	99
16) Methylene chloride	2.54	84	10604	0.176	ug/L	91
19) 1,1-Dichloroethane	3.23	63	19217	0.176	ug/L	97
25) Chloroform	4.43	83	55906	0.536	ug/L	97
31) Carbon tetrachloride	4.88	117	8518	0.111	ug/L	100
38) Bromodichloromethane	6.56	83	15770	0.209	ug/L #	98
45) 1,1,2-Trichloroethane	7.88	97	5881	0.157	ug/L	93
49) Dibromochloromethane	8.29	129	11237	0.237	ug/L	97

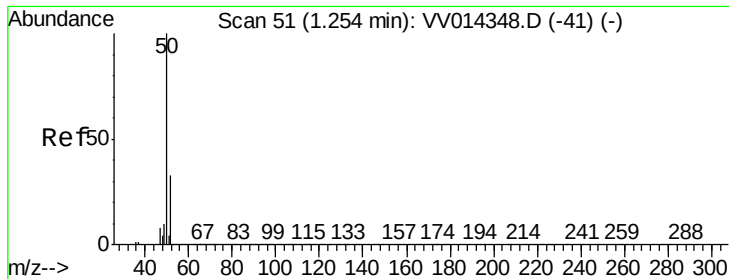
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 17 22:51:36 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.490 ug/L

RT: 1.26 min Scan# 52

Delta R.T. 0.00 min

Lab File: VV014360.D

Acq: 20 Jan 2020 16:15

Instrument :

MSVOA_V

ClientSampleId :

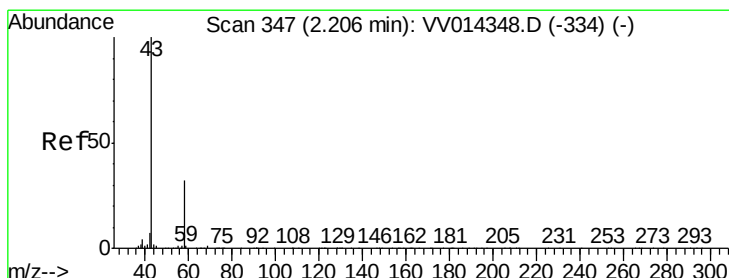
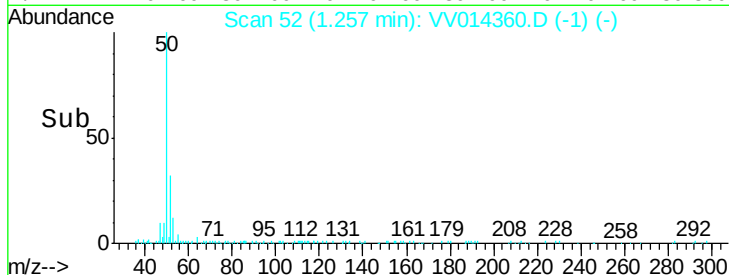
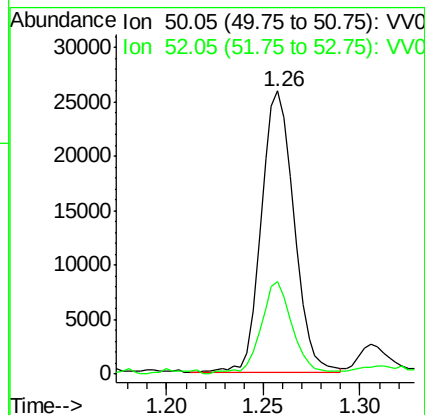
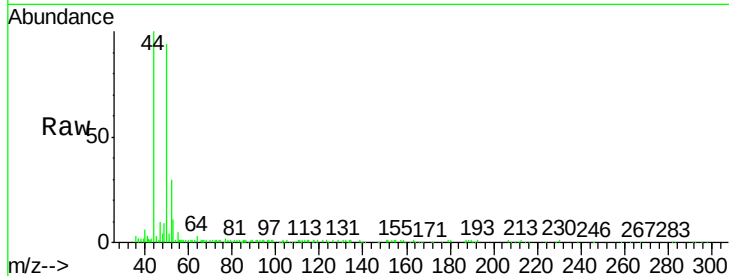
C0AC2

Tot Ion: 50 Resp: 30372

Ion Ratio Lower Upper

50 100

52 32.5 22.3 41.3



#13

Acetone

Concen: 6.049 ug/L

RT: 2.21 min Scan# 349

Delta R.T. 0.00 min

Lab File: VV014360.D

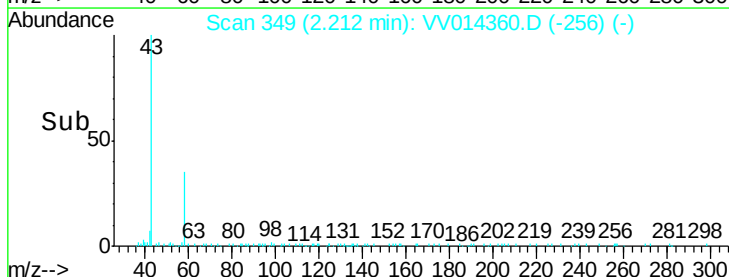
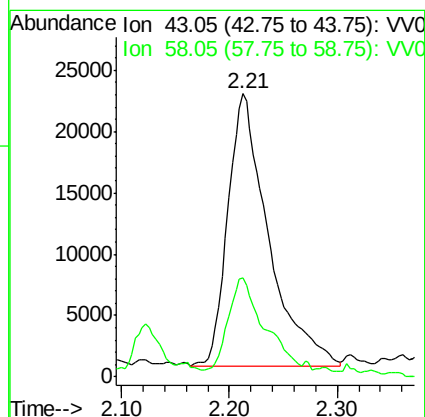
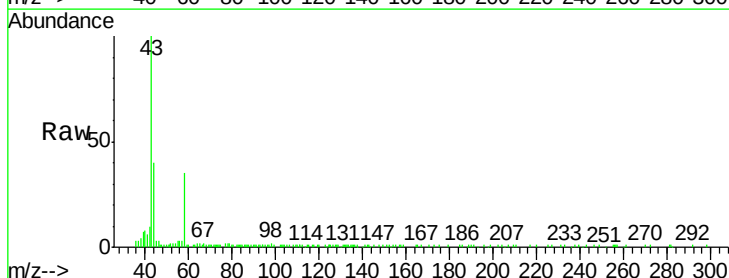
Acq: 20 Jan 2020 16:15

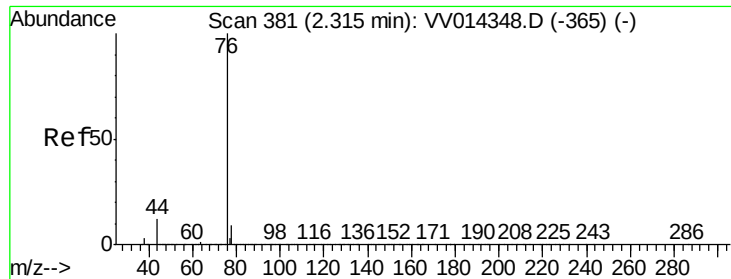
Tgt Ion: 43 Resp: 57967

Ion Ratio Lower Upper

43 100

58 29.6 0.0 66.0





#14

Carbon disulfide

Concen: 0.160 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014360.D

Acq: 20 Jan 2020 16:15

Instrument :

MSVOA_V

ClientSampleId :

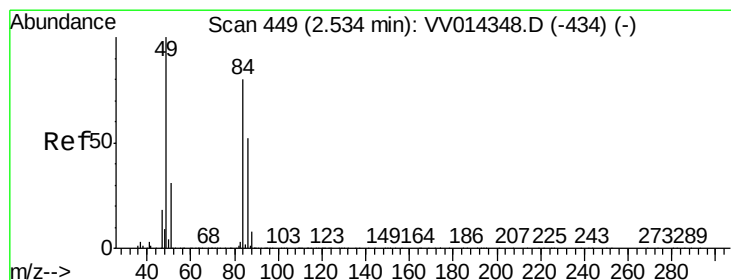
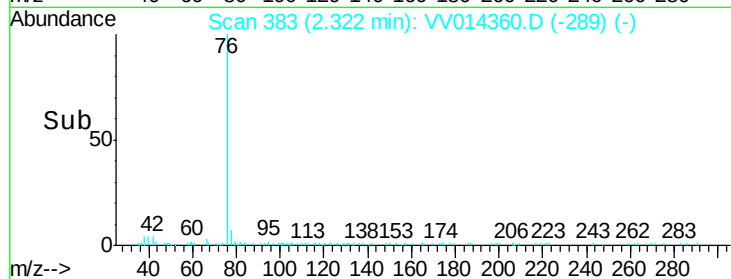
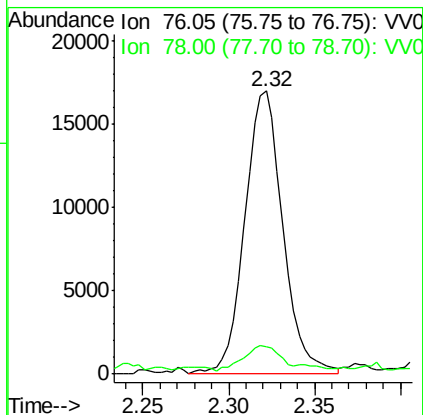
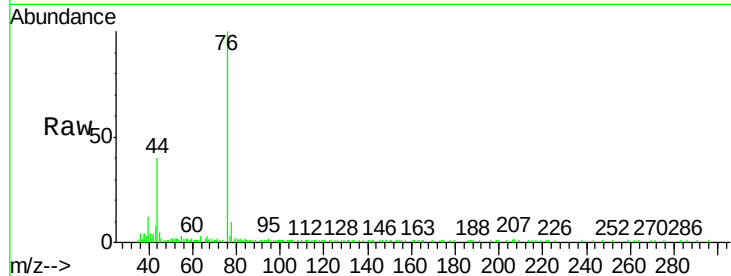
C0AC2

Tot Ion: 76 Resp: 26205

Ion Ratio Lower Upper

76 100

78 9.9 7.5 11.3



#16

Methylene chloride

Concen: 0.176 ug/L

RT: 2.54 min Scan# 451

Delta R.T. 0.01 min

Lab File: VV014360.D

Acq: 20 Jan 2020 16:15

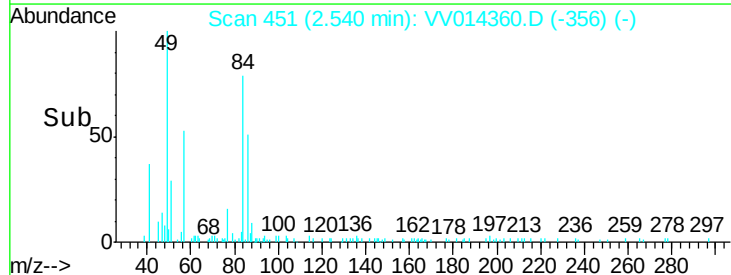
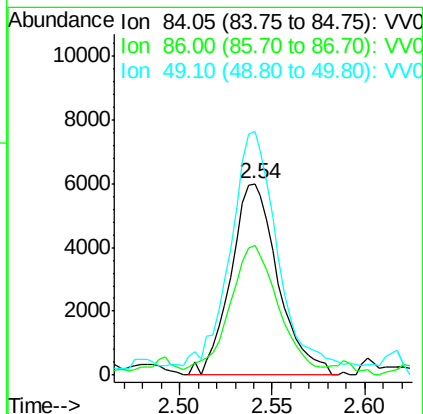
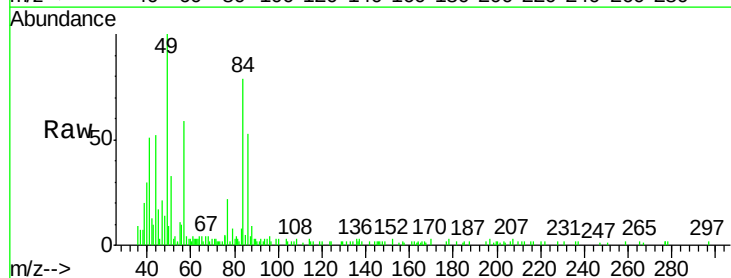
Tgt Ion: 84 Resp: 10604

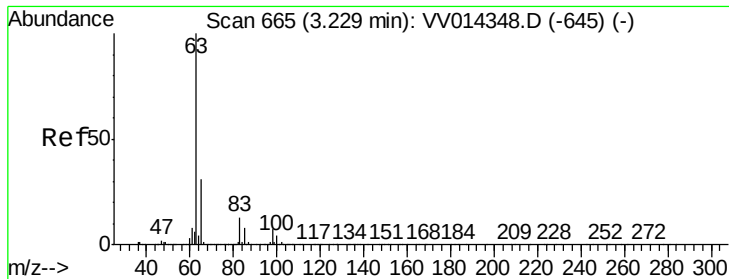
Ion Ratio Lower Upper

84 100

86 67.5 43.1 80.1

49 127.2 82.1 152.5

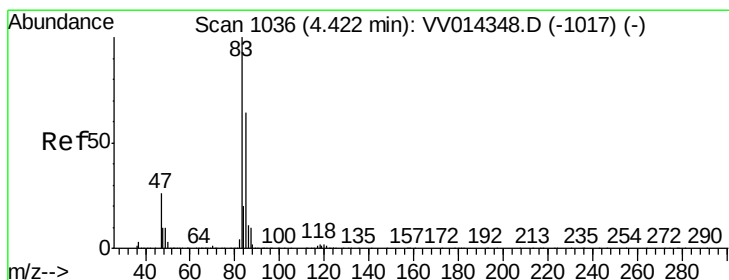
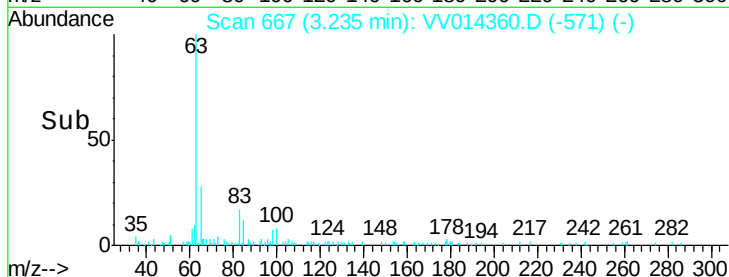
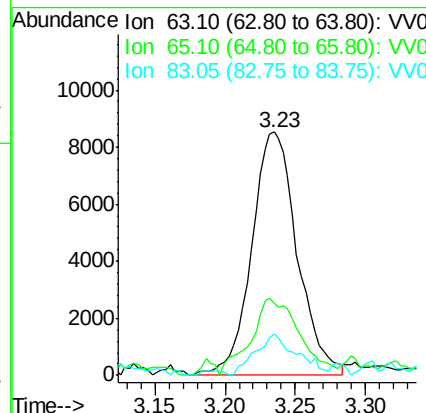
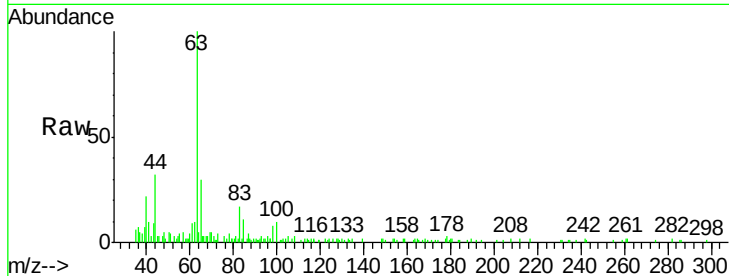




#19
1,1-Dichloroethane
Concen: 0.176 ug/L
RT: 3.23 min Scan# 667
Delta R.T. 0.01 min
Lab File: VV014360.D
Acq: 20 Jan 2020 16:15

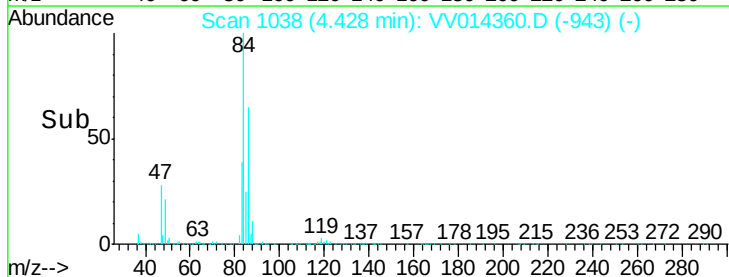
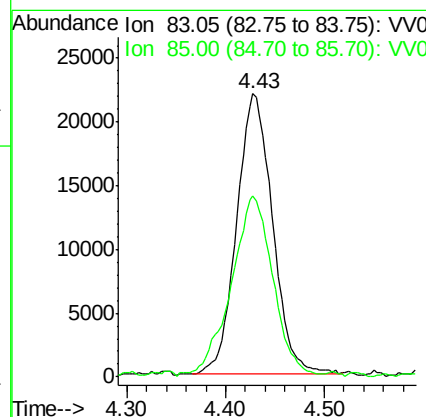
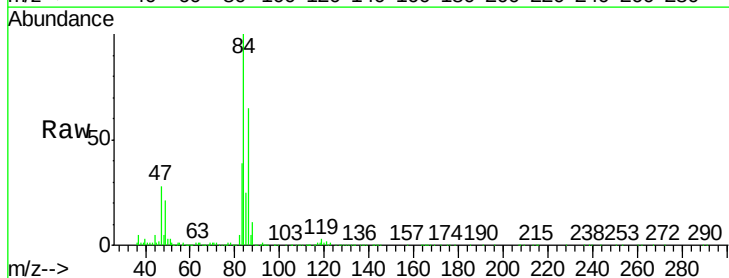
Instrument :
MSVOA_V
ClientSampled :
C0AC2

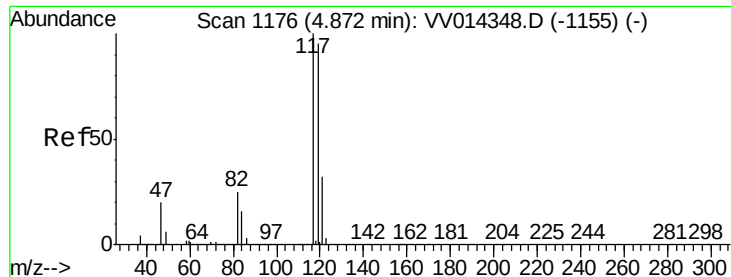
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.3
83	17.0	10.0	18.6



#25
Chloroform
Concen: 0.536 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014360.D
Acq: 20 Jan 2020 16:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	46.2	85.8





#31

Carbon tetrachloride

Concen: 0.111 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VV014360.D

Acq: 20 Jan 2020 16:15

Instrument :

MSVOA_V

ClientSampleId :

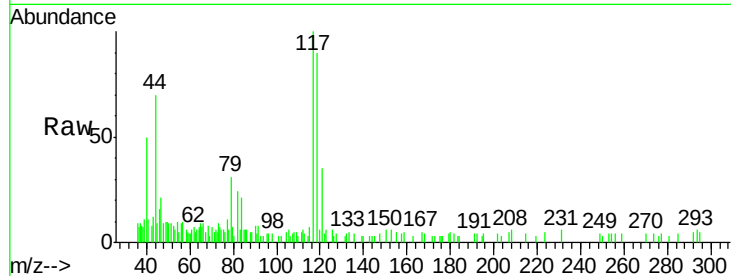
C0AC2

Tot Ion:117 Resp: 8518

Ion Ratio Lower Upper

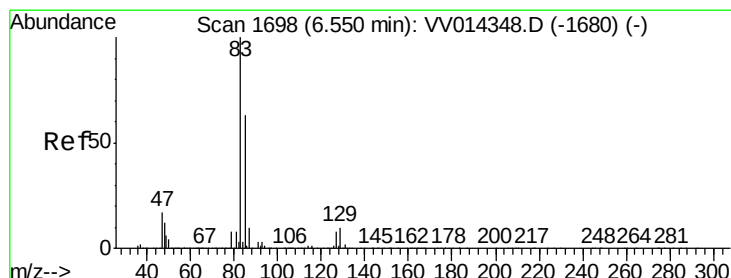
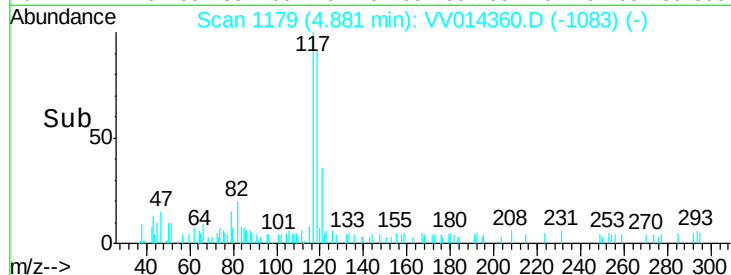
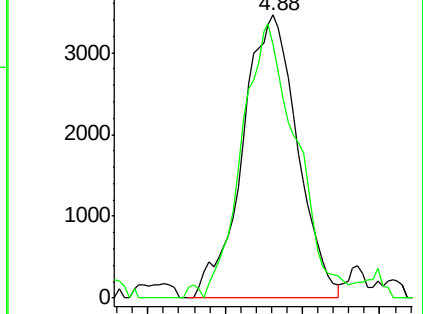
117 100

119 96.4 76.8 115.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#38

Bromodichloromethane

Concen: 0.209 ug/L

RT: 6.56 min Scan# 1700

Delta R.T. 0.01 min

Lab File: VV014360.D

Acq: 20 Jan 2020 16:15

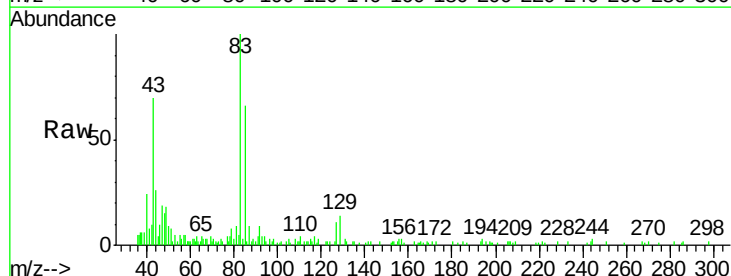
Tgt Ion: 83 Resp: 15770

Ion Ratio Lower Upper

83 100

85 65.9 46.4 86.2

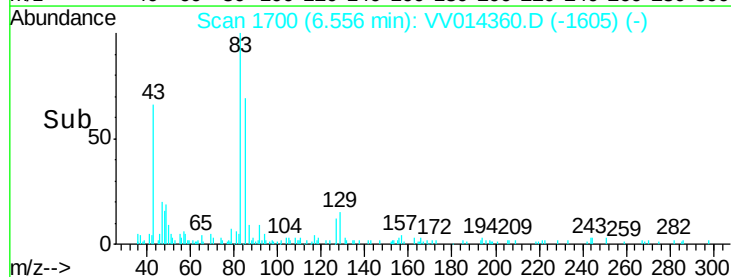
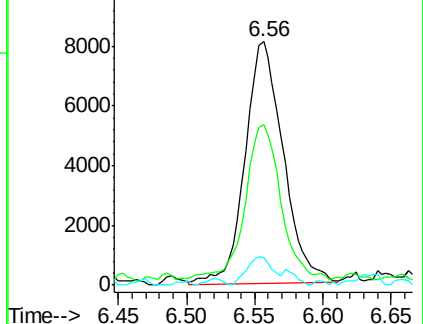
127 11.3 6.3 9.5#

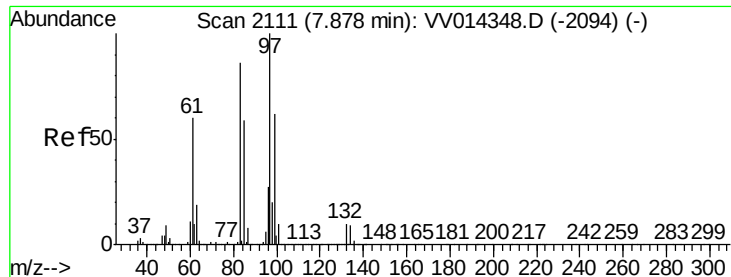


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): V

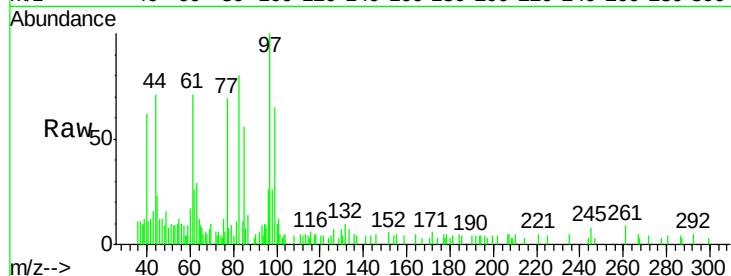




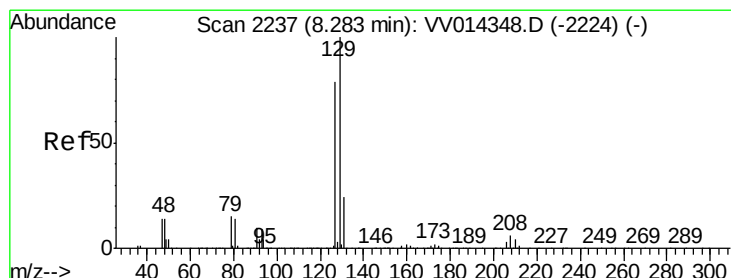
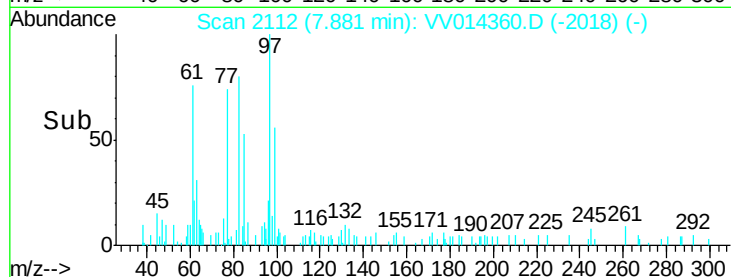
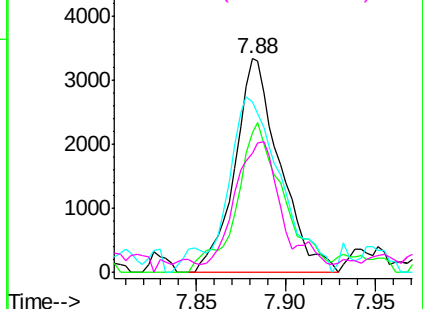
#45
1,1,2-Trichloroethane
Concen: 0.157 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV014360.D
Acq: 20 Jan 2020 16:15

Instrument :
MSVOA_V
ClientSampleId :
C0AC2

Tot Ion:	97	Resp:	5881
Ion	Ratio	Lower	Upper
97	100		
99	65.1	43.7	81.1
83	79.8	60.0	111.4
85	63.5	39.2	72.8

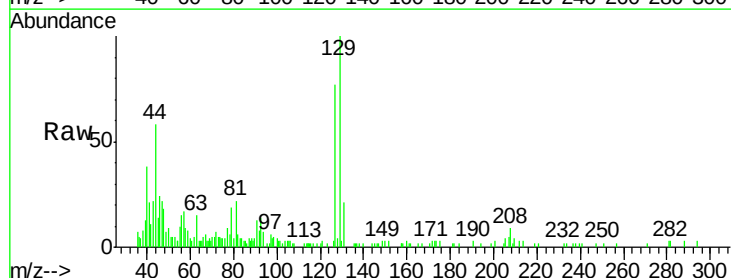


Abundance Ion 96.95 (96.65 to 97.65): VV014360.D (-2094) (-)
Ion 99.05 (98.75 to 99.75): VV014360.D (-2094) (-)
Ion 82.95 (82.65 to 83.65): VV014360.D (-2094) (-)
Ion 85.00 (84.70 to 85.70): VV014360.D (-2094) (-)



#49
Dibromochloromethane
Concen: 0.237 ug/L
RT: 8.29 min Scan# 2238
Delta R.T. 0.00 min
Lab File: VV014360.D
Acq: 20 Jan 2020 16:15

Tgt Ion:	129	Resp:	11237
Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.7	103.5



Abundance Ion 128.95 (128.65 to 129.65): VV014360.D (-2144) (-)
Ion 126.90 (126.60 to 127.60): VV014360.D (-2144) (-)

