

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012120\
 Data File : VV014367.D
 Acq On : 21 Jan 2020 11:58
 Operator : SY/MD
 Sample : L1194-03RE
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC2RE

Manual Integrations
 APPROVED

MMDadoda
 1/22/2020 10:52:31 AM

Quant Time: Jan 21 16:12:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 21 15:31:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	740927	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	677140	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	319047	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	198869	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	63008	0.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	16.40%#
20) 2-Butanone-d5	3.96	46	680347	54.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.26%
24) Chloroform-d	4.40	84	531603	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.08	65	254412	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	1033836	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.11	67	344323	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.36	98	56527	0.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	6.20%#
43) trans-1,3-Dichloropropene-	7.66	79	39907	1.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	28.80%#
46) 2-Hexanone-d5	8.13	63	520022	44.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	240160	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	314549	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.26	50	21580	0.389	ug/L	96
13) Acetone	2.23	43	24663m	2.876	ug/L	
14) Carbon disulfide	2.32	76	20516	0.140	ug/L #	95
16) Methylene chloride	2.54	84	5954	0.110	ug/L	91
25) Chloroform	4.42	83	51750	0.554	ug/L	97
31) Carbon tetrachloride	4.87	117	6856	0.099	ug/L	88
38) Bromodichloromethane	6.55	83	14064	0.207	ug/L #	92
49) Dibromochloromethane	8.29	129	9720	0.229	ug/L	83

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

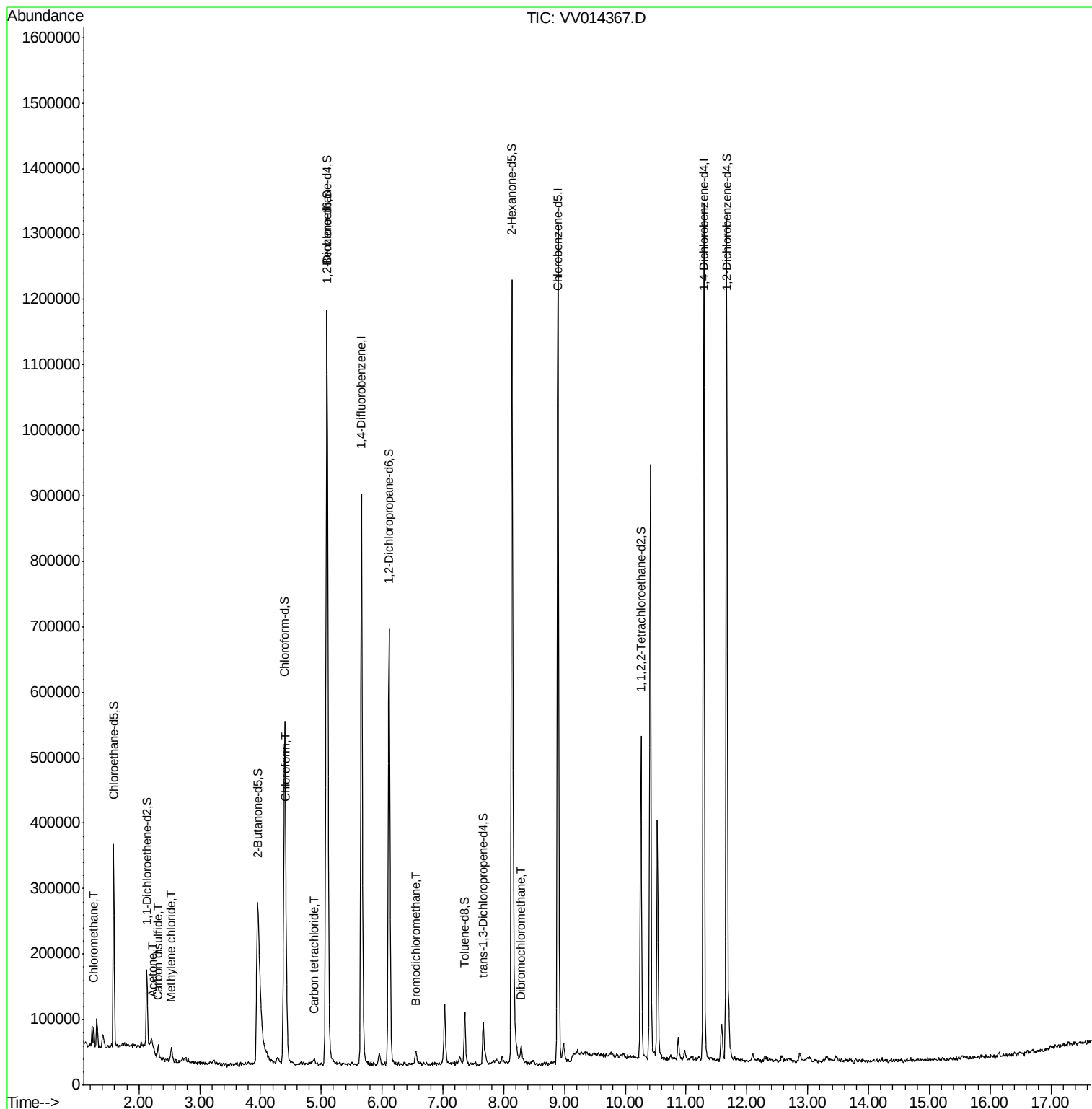
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012120\
Data File : VV014367.D
Acq On : 21 Jan 2020 11:58
Operator : SY/MD
Sample : L1194-03RE
Misc : 25.0mL/MSVOA V/WATER
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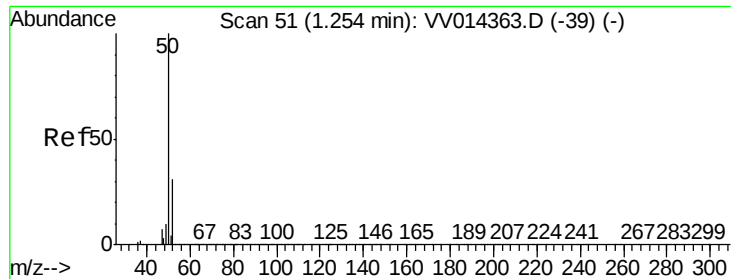
Instrument :
MSVOA_V
ClientSampleId :
C0AC2RE

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Quant Time: Jan 21 16:12:21 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jan 21 15:31:21 2020
Response via : Initial Calibration





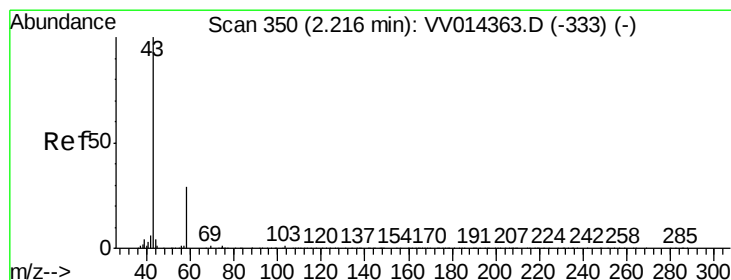
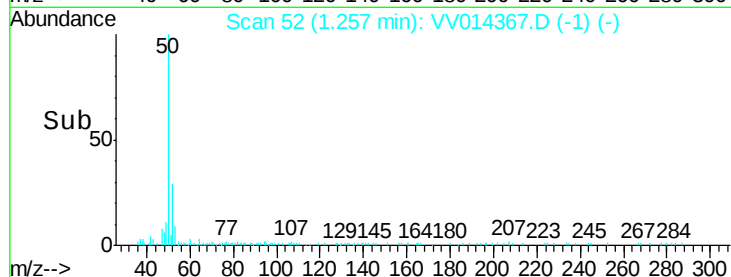
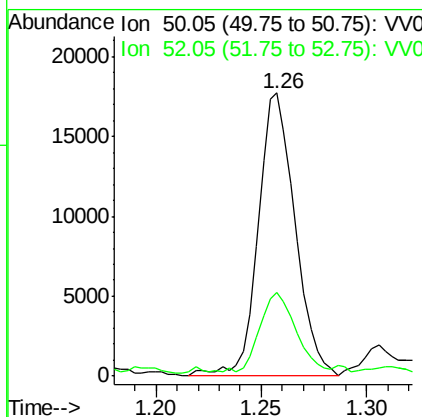
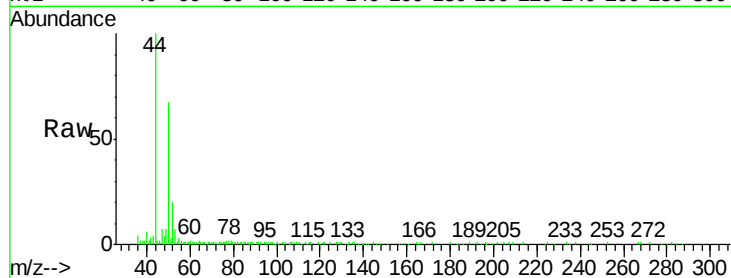
#3
Chloromethane
Concen: 0.389 ug/L
RT: 1.26 min Scan# 52
Delta R.T. 0.00 min
Lab File: VV014367.D
Acq: 21 Jan 2020 11:58

Instrument :
MSVOA_V
ClientSampleId :
C0AC2RE

Tot Ion	Ratio	Lower	Upper
50	100		
52	29.4	22.3	41.3

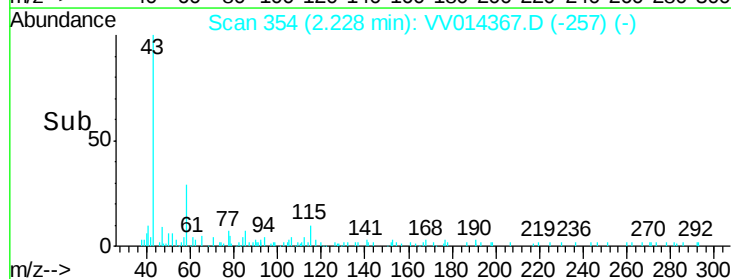
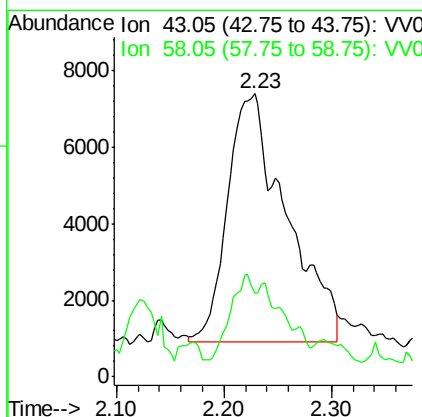
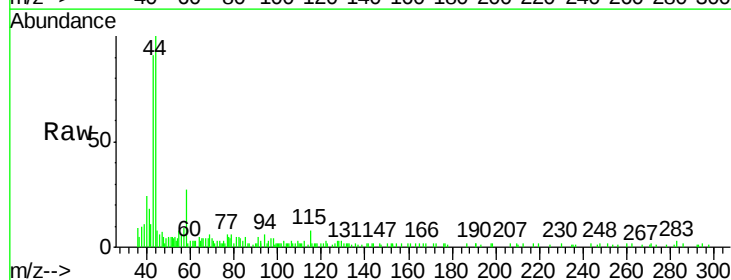
Manual Integrations
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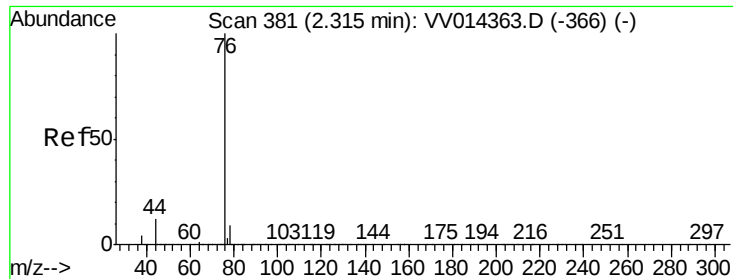
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#13
Acetone
Concen: 2.876 ug/L m
RT: 2.23 min Scan# 354
Delta R.T. 0.01 min
Lab File: VV014367.D
Acq: 21 Jan 2020 11:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	13.3	0.0	66.0





#14

Carbon disulfide

Concen: 0.140 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014367.D

Acq: 21 Jan 2020 11:58

Instrument :

MSVOA_V

ClientSampleId :

C0AC2RE

Tot Ion: 76 Resp: 20516

Ion Ratio Lower Upper

76 100

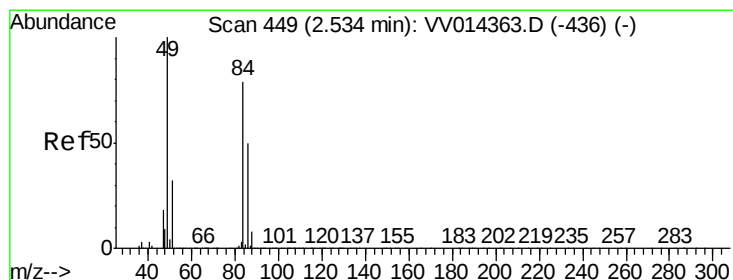
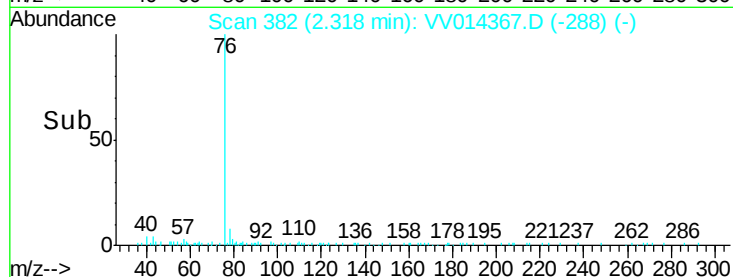
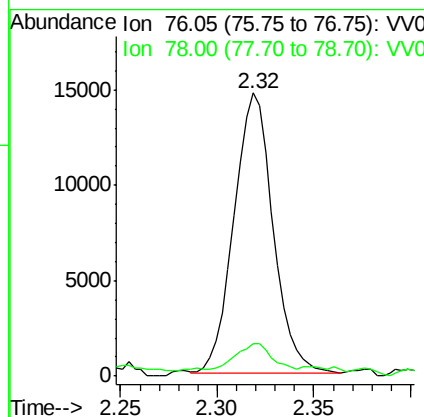
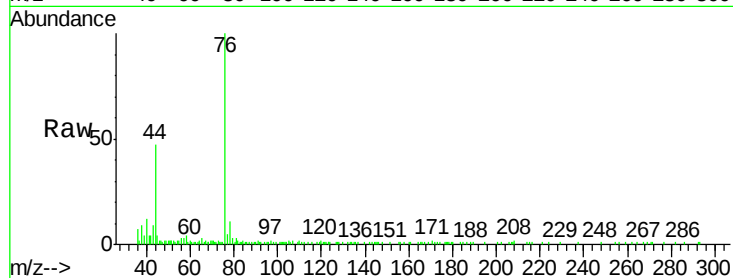
78 11.3 7.5 11.3#

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#16

Methylene chloride

Concen: 0.110 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV014367.D

Acq: 21 Jan 2020 11:58

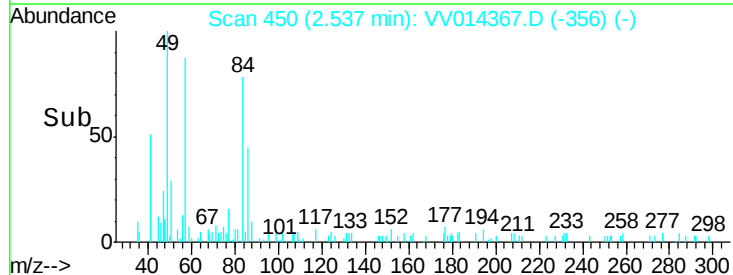
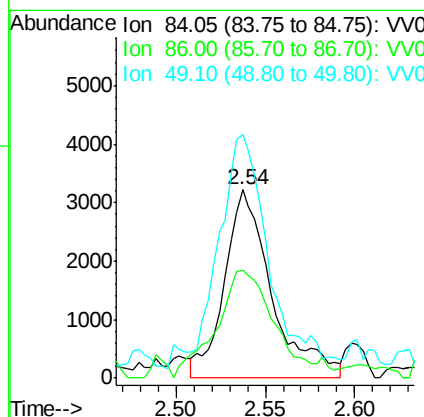
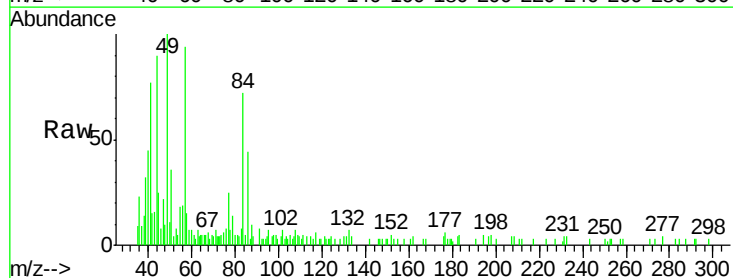
Tgt Ion: 84 Resp: 5954

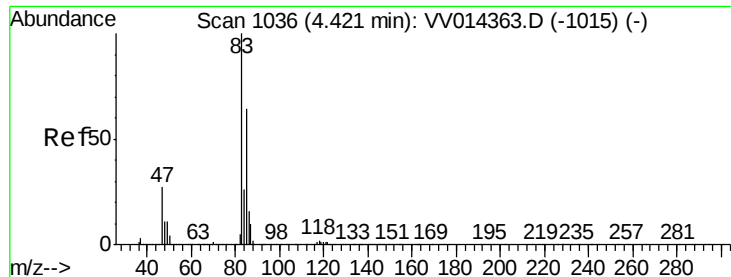
Ion Ratio Lower Upper

84 100

86 57.5 43.1 80.1

49 129.4 82.1 152.5





#25

Chloroform

Concen: 0.554 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV014367.D

Acq: 21 Jan 2020 11:58

Instrument :

MSVOA_V

ClientSampleId :

C0AC2RE

Tot Ion: 83 Resp: 51750

Ion Ratio Lower Upper

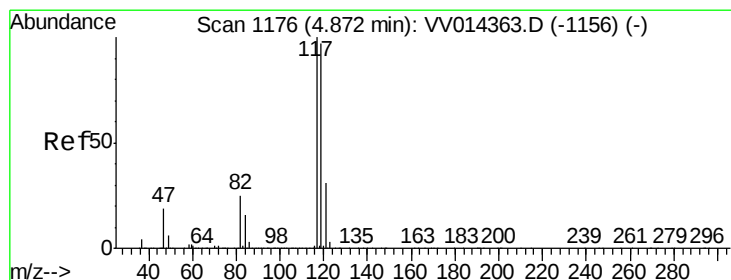
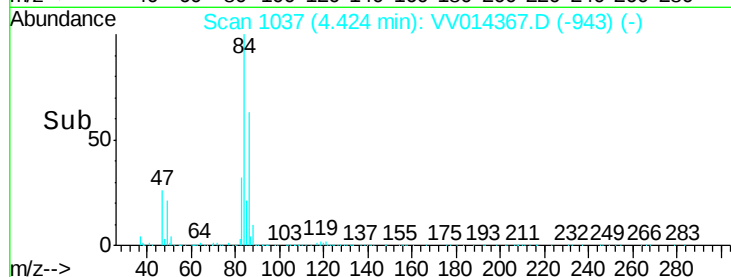
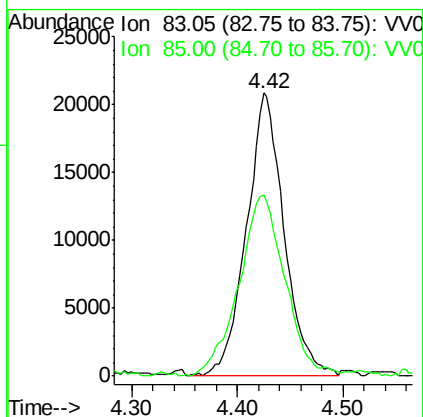
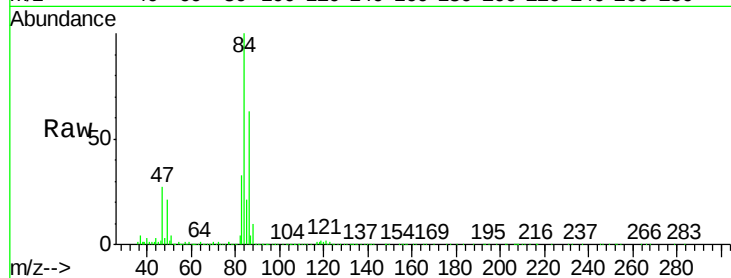
83 100

85 63.9 46.2 85.8

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#31

Carbon tetrachloride

Concen: 0.099 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV014367.D

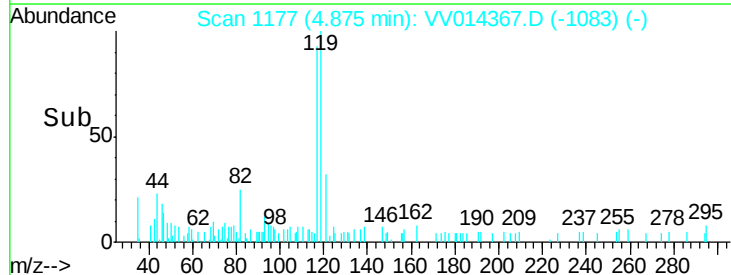
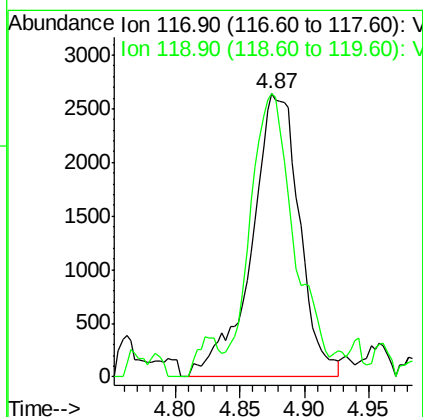
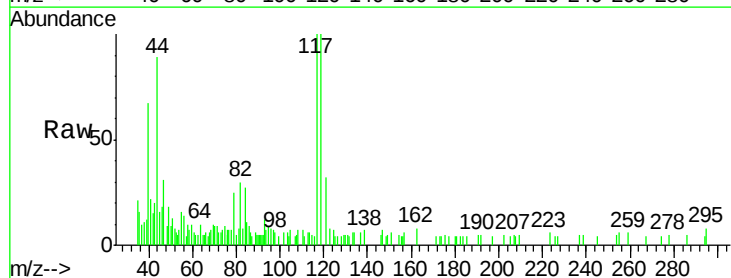
Acq: 21 Jan 2020 11:58

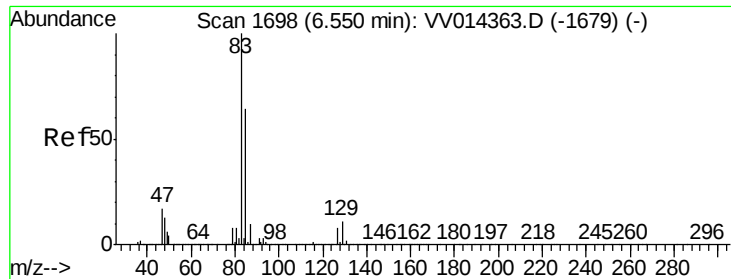
Tgt Ion: 117 Resp: 6856

Ion Ratio Lower Upper

117 100

119 84.0 76.8 115.2





#38

Bromodichloromethane

Concen: 0.207 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV014367.D

Acq: 21 Jan 2020 11:58

Instrument :

MSVOA_V

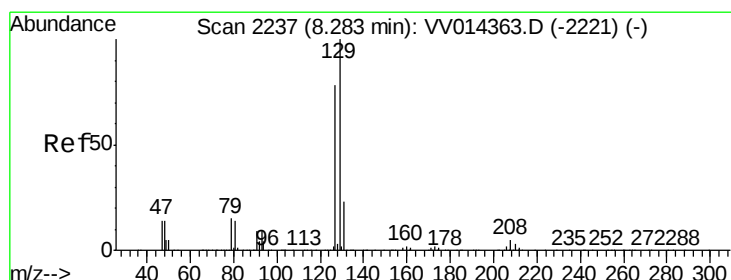
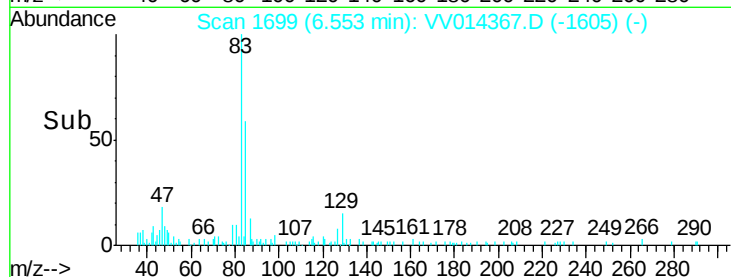
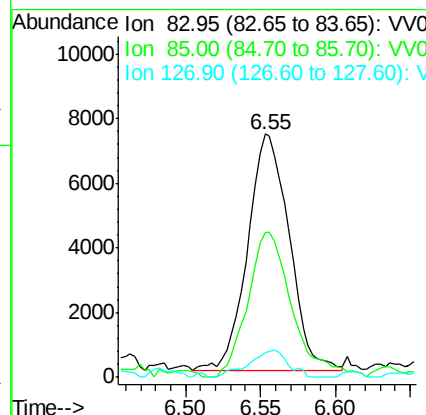
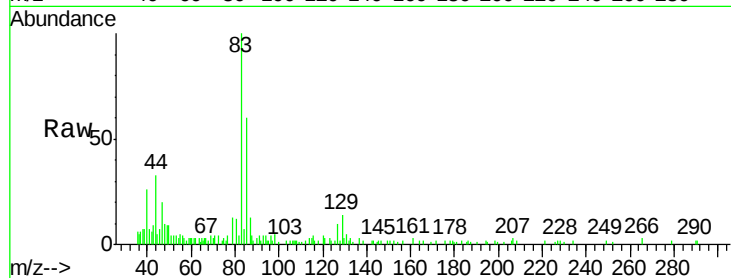
ClientSampleId :

C0AC2RE

Tot Ion:	83	Resp:	14064
Ion Ratio	Lower	Upper	
83	100		
85	59.6	46.4	86.2
127	10.0	6.3	9.5#

Manual Integrations
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1/22/2020 10:52:31 AM



#49

Dibromochloromethane

Concen: 0.229 ug/L

RT: 8.29 min Scan# 2238

Delta R.T. 0.00 min

Lab File: VV014367.D

Acq: 21 Jan 2020 11:58

Tgt Ion:	129	Resp:	9720
Ion Ratio	Lower	Upper	
129	100		
127	94.2	55.7	103.5

