

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014339.D
 Acq On : 17 Jan 2020 15:36
 Operator : SY/MD
 Sample : L1169-09
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF770

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 12:20:22 PM

Quant Time: Jan 20 09:19:22 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	782467	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	721333	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	331040	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	232675	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	1.59	69	199451	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.13	63	287606	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.93	46	672518	51.14	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.28%
24) Chloroform-d	4.40	84	487240	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.08	65	248435	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	1046541	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	338724	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	926433	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloropropene-	7.66	79	133246	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	598333	47.87	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.74%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	233072	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	305210	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Ovalue
12) 1,1-Dichloroethene	2.14	96	3027	0.087 ug/L #	1
13) Acetone	2.19	43	18595m	2.053 ug/L	
14) Carbon disulfide	2.32	76	7812	0.050 ug/L #	62
22) cis-1,2-Dichloroethene	3.96	96	176977	3.072 ug/L #	95
25) Chloroform	4.43	83	22809	0.231 ug/L	99
27) 1,2-Dichloroethane	5.18	62	19219	0.326 ug/L	97
34) Trichloroethene	5.96	95	45062	0.789 ug/L	96
51) Chlorobenzene	8.92	112	56790	0.394 ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	13764	0.133 ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	26084	0.253 ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	39332	0.596 ug/L	96

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

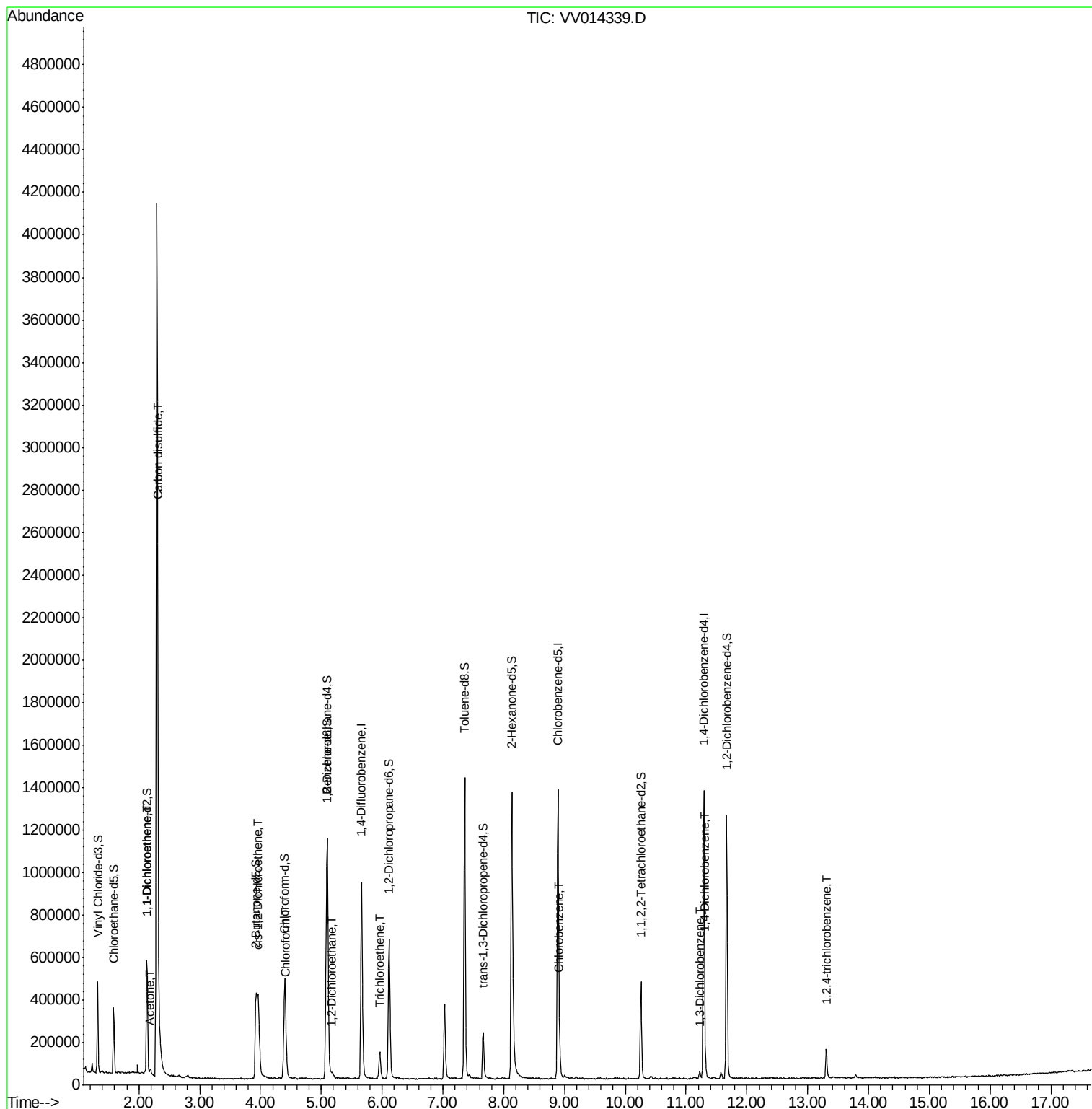
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
Data File : VV014339.D
Acq On : 17 Jan 2020 15:36
Operator : SY/MD
Sample : L1169-09
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

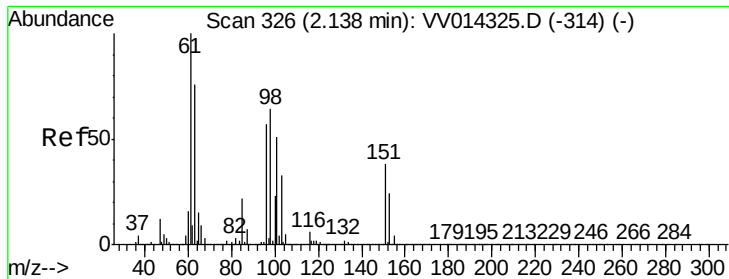
Instrument :
MSVOA_V
ClientSampleId :
BF770

Manual Integrations
APPROVED

MMDadoda
1/20/2020 12:20:22 PM

Quant Time: Jan 20 09:19:22 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





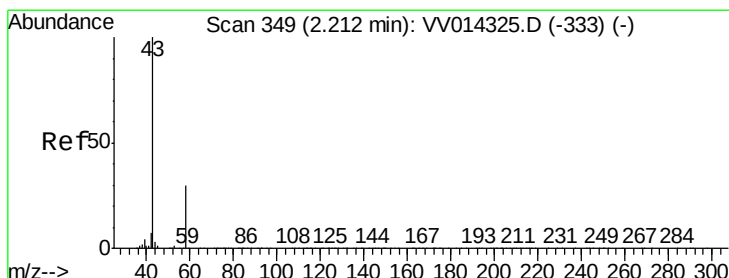
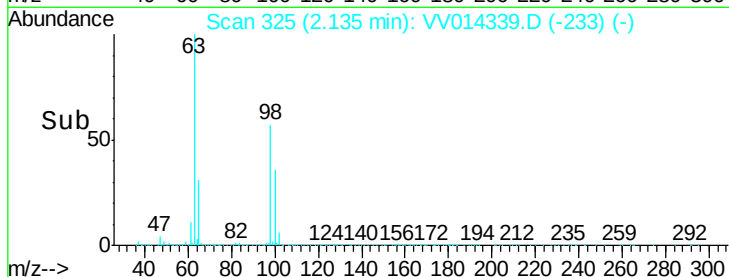
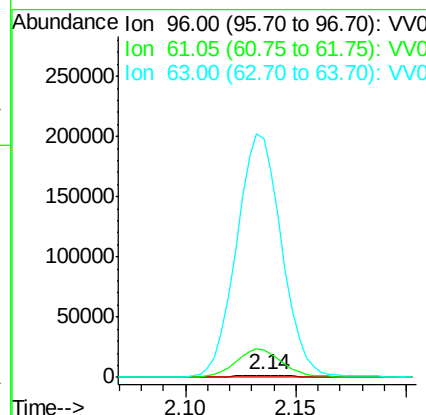
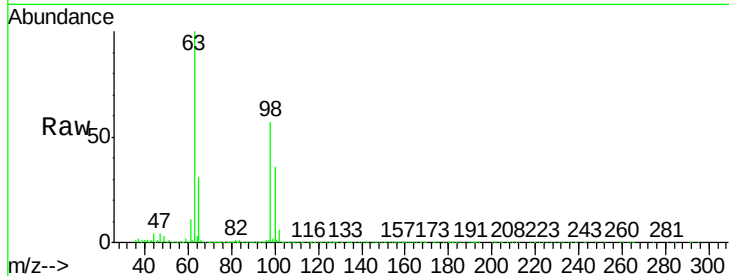
#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.14 min Scan# 325
Delta R.T. -0.00 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument :
MSVOA_V
ClientSampled :
BF770

Tot Ion: 96 Resp: 3027
Ion Ratio Lower Upper
96 100
61 1217.3 121.5 225.7
63 10588.2 90.3 167.

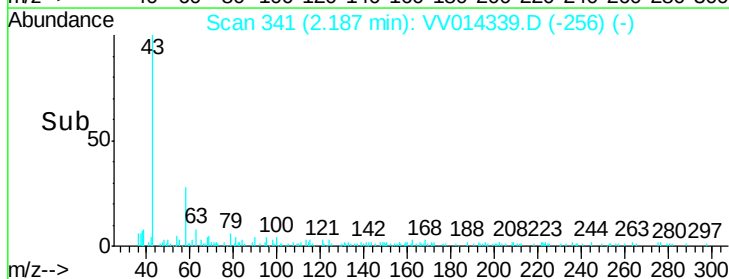
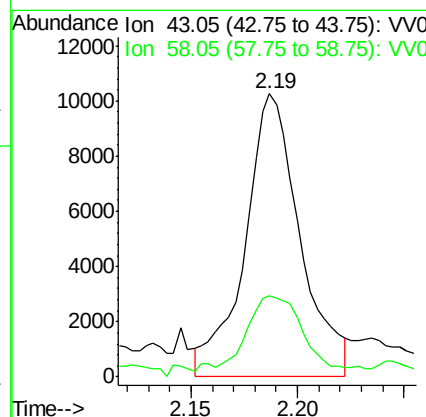
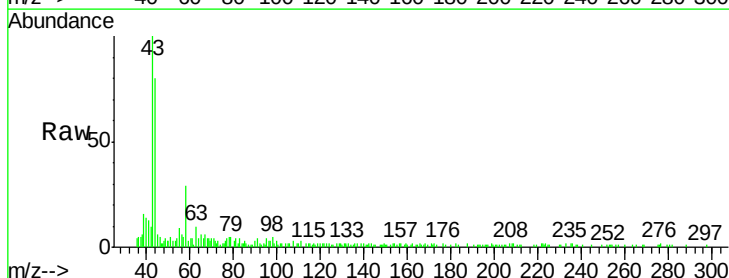
Manual Integrations
APPROVED

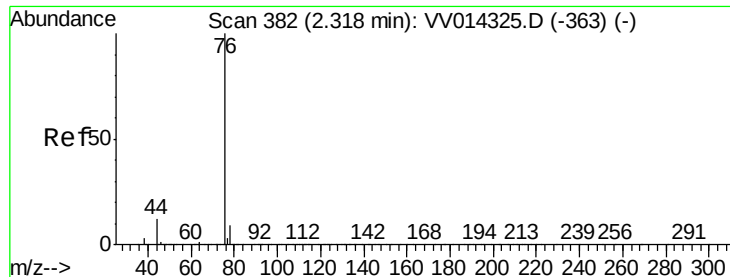
MMDadoda
1/20/2020 12:20:22 PM



#13
Acetone
Concen: 2.053 ug/L m
RT: 2.19 min Scan# 341
Delta R.T. -0.03 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion: 43 Resp: 18595
Ion Ratio Lower Upper
43 100
58 112.8 0.0 66.0#





#14

Carbon disulfide

Concen: 0.050 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV014339.D

Acq: 17 Jan 2020 15:36

Instrument :

MSVOA_V

ClientSampled :

BF770

Tot Ion: 76 Resp: 7812

Ion Ratio Lower Upper

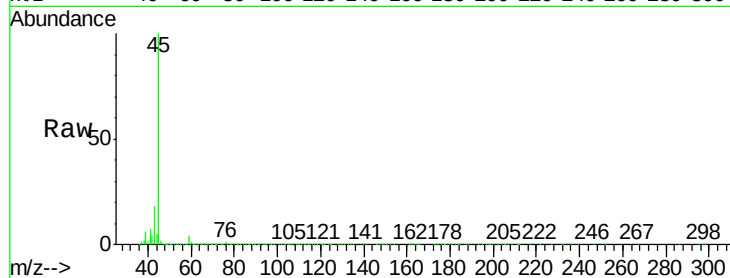
76 100

78 23.2 7.5 11.3#

Manual Integrations
APPROVED

MMDadoda

1/20/2020 12:20:22 PM



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

5000

4000

3000

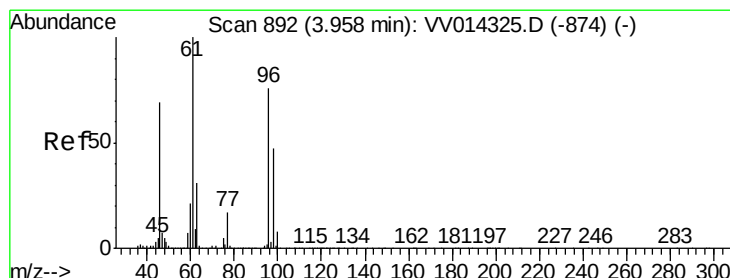
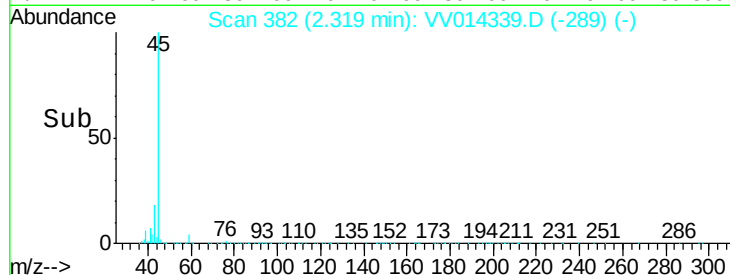
2000

1000

0

2.30 2.35

Time-->



#22

cis-1,2-Dichloroethene

Concen: 3.072 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV014339.D

Acq: 17 Jan 2020 15:36

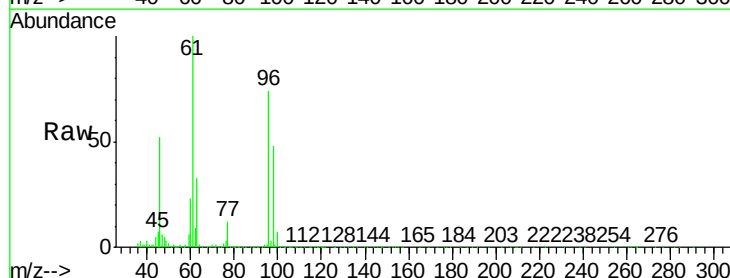
Tgt Ion: 96 Resp: 176977

Ion Ratio Lower Upper

96 100

61 135.9 90.6 168.3

68 0.2 0.3 0.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

120000

100000

80000

60000

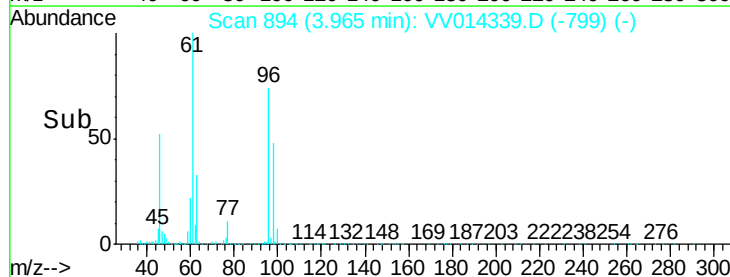
40000

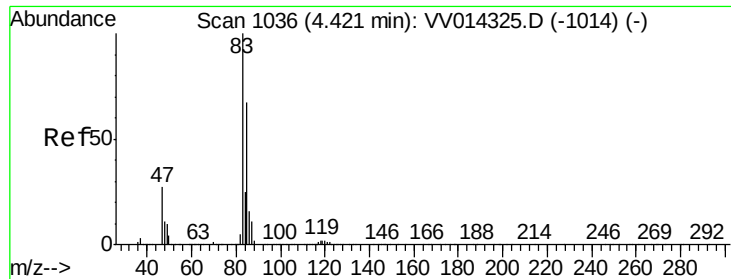
20000

0

3.80 3.90 4.00 4.10

Time-->





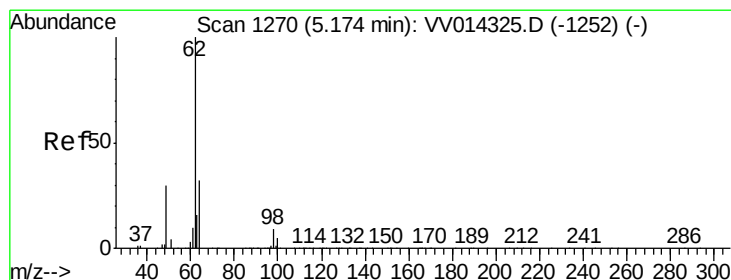
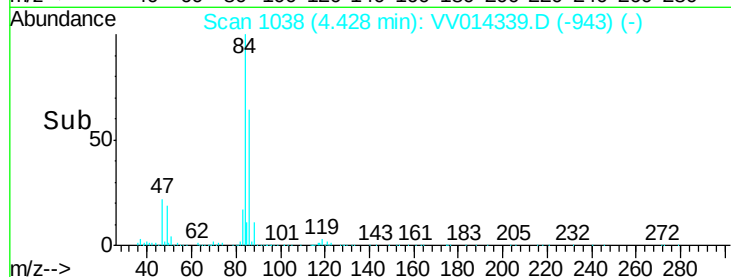
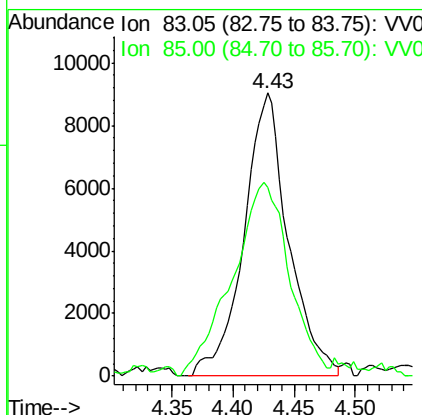
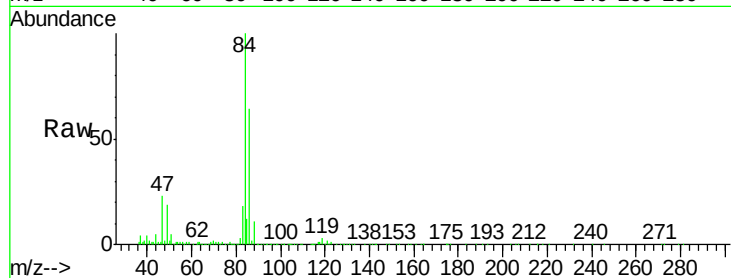
#25
Chloroform
Concen: 0.231 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Instrument :
MSVOA_V
ClientSampleId :
BF770

Tot Ion	83	Resp	22809
Ion Ratio	100	Lower	Upper
83	100		
85	66.7	46.2	85.8

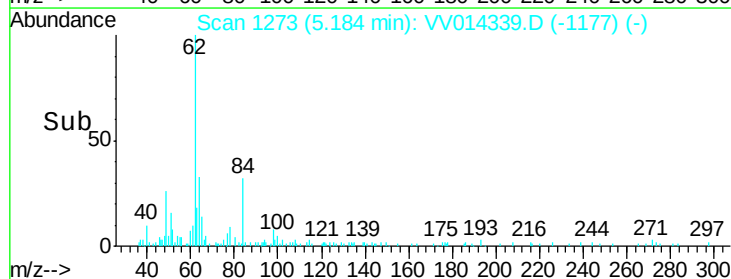
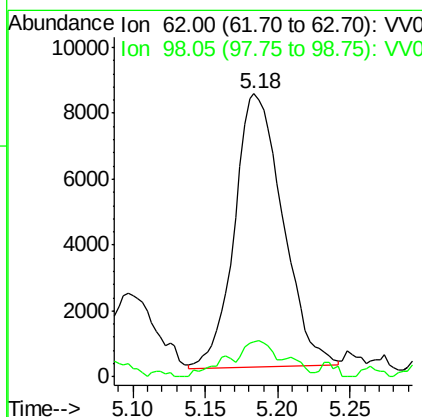
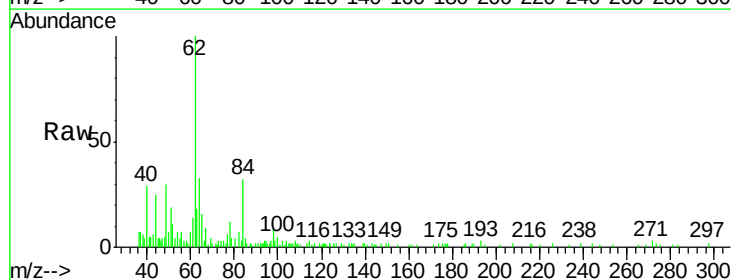
Manual Integrations
APPROVED

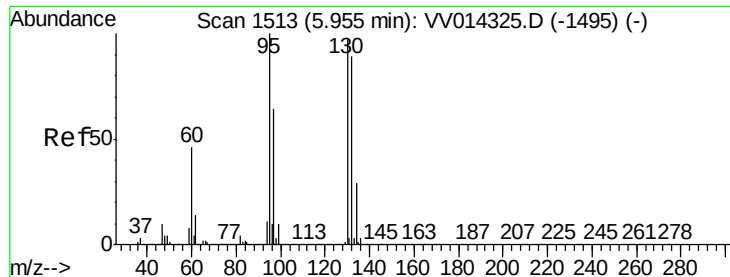
MMDadoda
1/20/2020 12:20:22 PM



#27
1,2-Dichloroethane
Concen: 0.326 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VV014339.D
Acq: 17 Jan 2020 15:36

Tgt Ion	62	Resp	19219
Ion Ratio	100	Lower	Upper
62	100		
98	12.5	9.2	13.8





#34

Trichloroethene

Concen: 0.789 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV014339.D

Acq: 17 Jan 2020 15:36

Instrument :

MSVOA_V

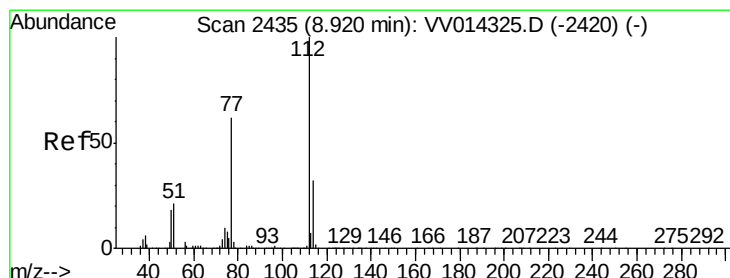
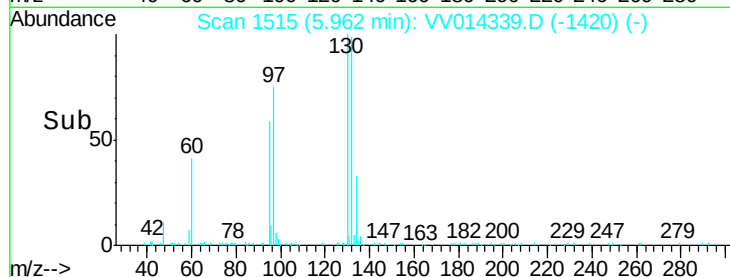
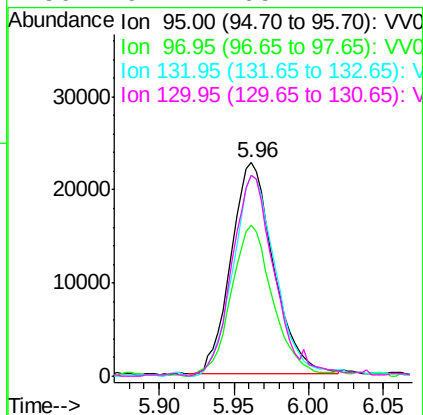
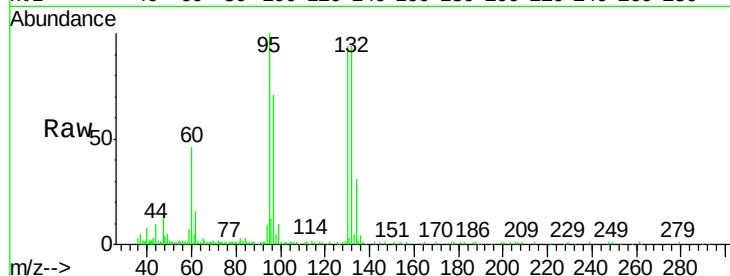
ClientSampleId :

BF770

Tot Ion	95	Resp:	45062
Ion	Ratio	Lower	Upper
95	100		
97	70.8	43.8	81.3
132	93.9	63.4	117.8
130	94.1	65.7	122.1

Manual Integrations
APPROVED

MMDadoda
1/20/2020 12:20:22 PM



#51

Chlorobenzene

Concen: 0.394 ug/L

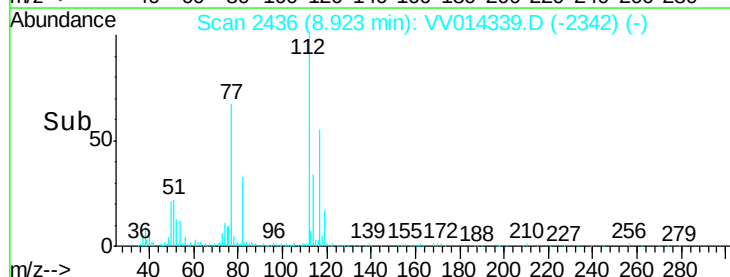
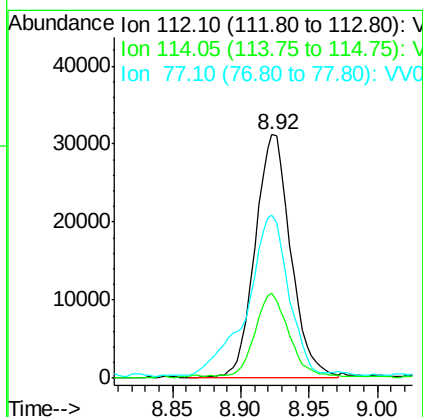
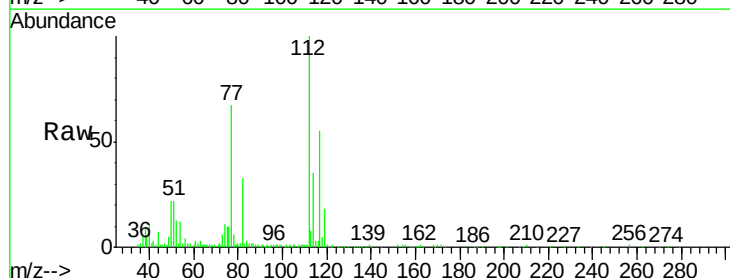
RT: 8.92 min Scan# 2436

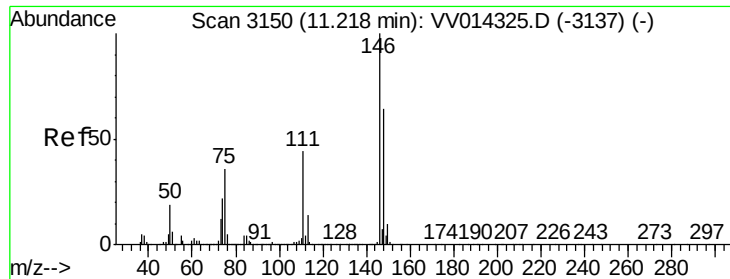
Delta R.T. 0.00 min

Lab File: VV014339.D

Acq: 17 Jan 2020 15:36

Tgt Ion	112	Resp:	56790
Ion	Ratio	Lower	Upper
112	100		
114	34.7	22.5	41.7
77	66.9	49.3	73.9





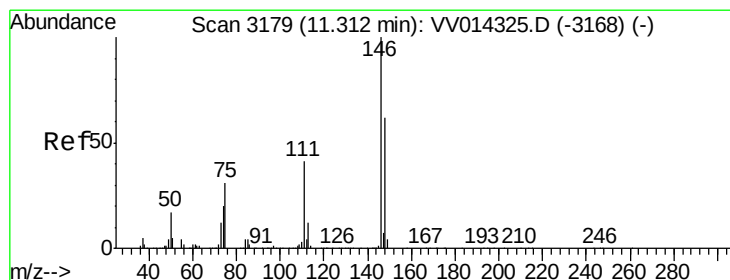
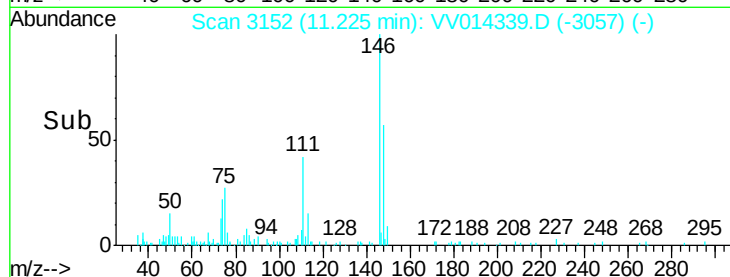
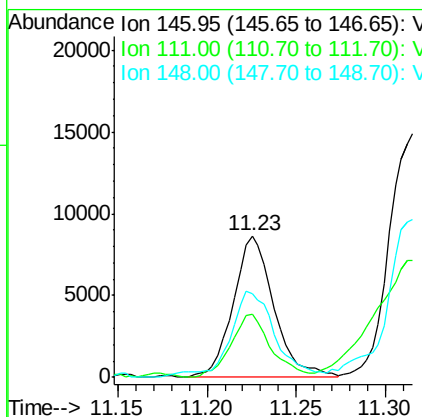
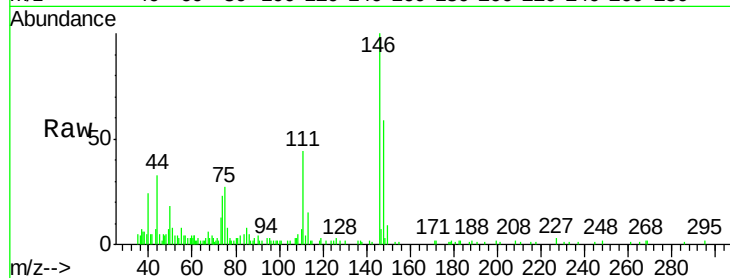
#62
 1,3-Dichlorobenzene
 Concen: 0.133 ug/L
 RT: 11.23 min Scan# 3152
 Delta R.T. 0.01 min
 Lab File: VV014339.D
 Acq: 17 Jan 2020 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 BF770

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	30.7	57.1
148	62.1	44.4	82.5

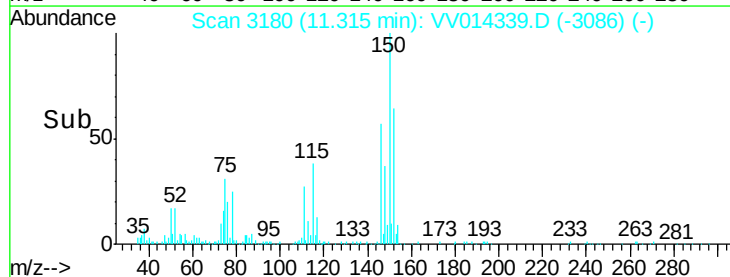
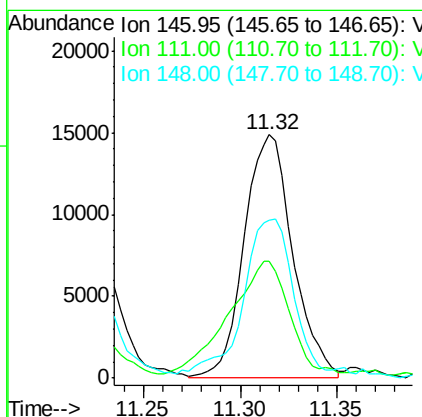
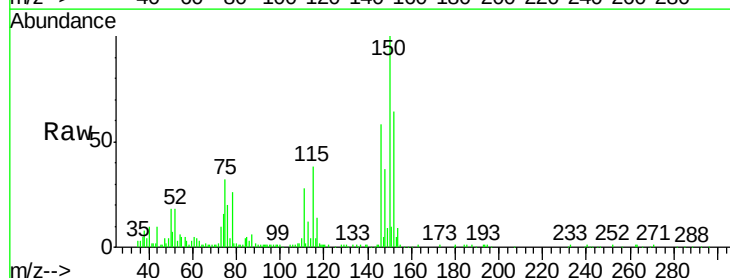
Manual Integrations
 APPROVED

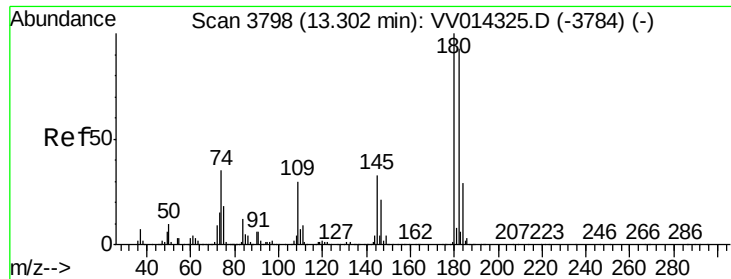
MMDadoda
 1/20/2020 12:20:22 PM



#63
 1,4-Dichlorobenzene
 Concen: 0.253 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV014339.D
 Acq: 17 Jan 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	47.9	28.8	53.4
148	64.8	44.5	82.7





#68
 1,2,4-trichlorobenzene
 Concen: 0.596 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV014339.D
 Acq: 17 Jan 2020 15:36

Instrument :
 MSVOA_V
 ClientSampleId :
 BF770

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	75.2	112.8
145	33.6	26.2	39.4

Manual Integrations
 APPROVED

MMDadoda
 1/20/2020 12:20:22 PM

