

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042020\
 Data File : VV015575.D
 Acq On : 20 Apr 2020 12:11
 Operator : SY/MD
 Sample : L2333-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC6

Manual Integrations
 APPROVED

apatel
 4/21/2020 10:42:38 AM

Quant Time: Apr 21 01:08:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 21 00:05:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97103	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	91871	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	43494	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	21921	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	21995	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.12	63	46020	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	3.92	46	72388	51.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.34%
24) Chloroform-d	4.38	84	53712	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.06	65	30236	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.08	84	99787	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.10	67	32469	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	89340	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	7.65	79	8434	3.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.00%
46) 2-Hexanone-d5	8.11	63	52474	39.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.82%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22613	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	33499	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	2773	0.289	ug/L	98
12) 1,1-Dichloroethene	2.13	96	21025	3.449	ug/L #	79
13) Acetone	2.20	43	3269m	3.271	ug/L	
19) 1,1-Dichloroethane	3.22	63	3610	0.279	ug/L	91
22) cis-1,2-Dichloroethene	3.94	96	21952	3.078	ug/L	98
25) Chloroform	4.40	83	2841	0.214	ug/L	81
29) 1,1,1-Trichloroethane	4.63	97	3923	0.329	ug/L	96
31) Carbon tetrachloride	4.86	117	1414	0.136	ug/L	88
34) Trichloroethene	5.94	95	85023	11.488	ug/L	99
47) Tetrachloroethene	8.00	164	59887	10.922	ug/L	98

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

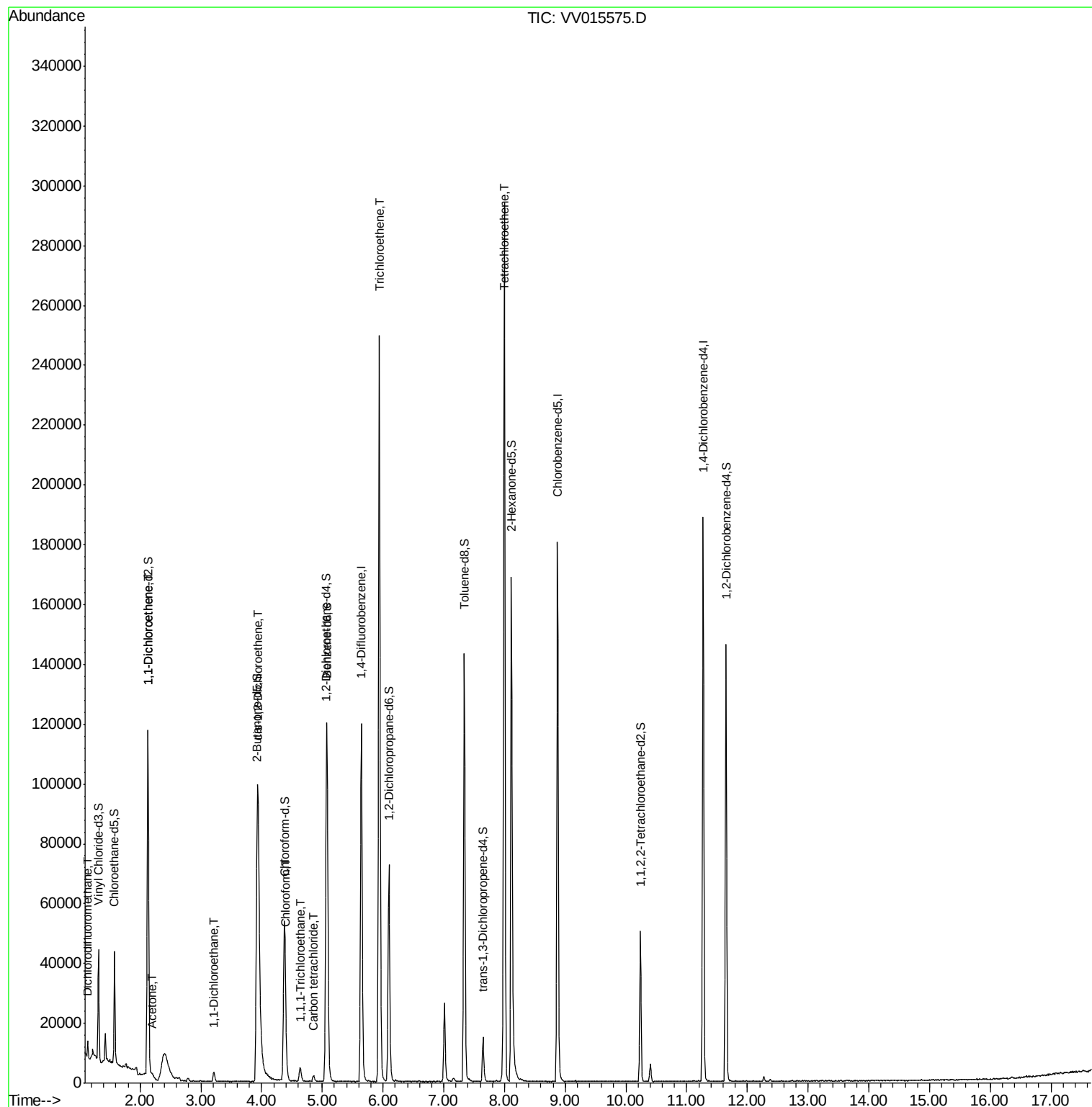
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV042020\
Data File : VV015575.D
Acq On : 20 Apr 2020 12:11
Operator : SY/MD
Sample : L2333-14
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

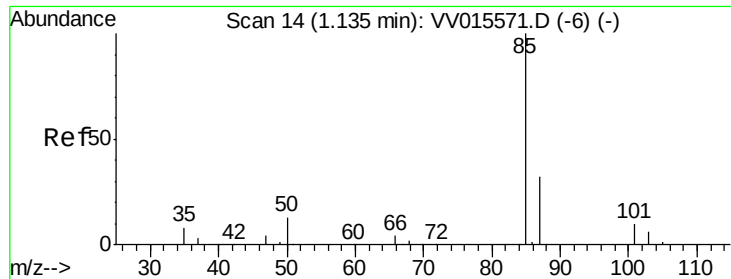
Instrument :
MSVOA_V
ClientSampleId :
C0AC6

Manual Integrations
APPROVED

apatel
4/21/2020 10:42:38 AM

Quant Time: Apr 21 01:08:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 21 00:05:52 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.289 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV015575.D

Acq: 20 Apr 2020 12:11

Instrument :

MSVOA_V

ClientSampled :

C0AC6

Tot Ion: 85 Resp: 2773

Ion Ratio Lower Upper

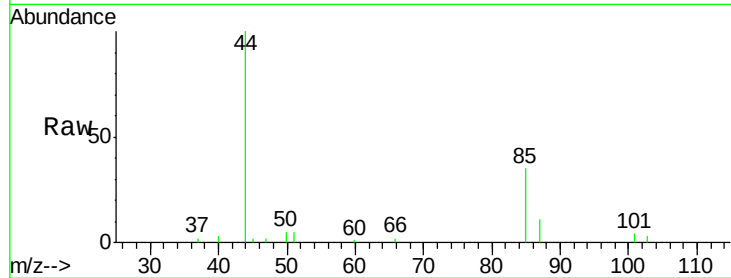
85 100

87 32.5 25.3 37.9

Manual Integrations
APPROVED

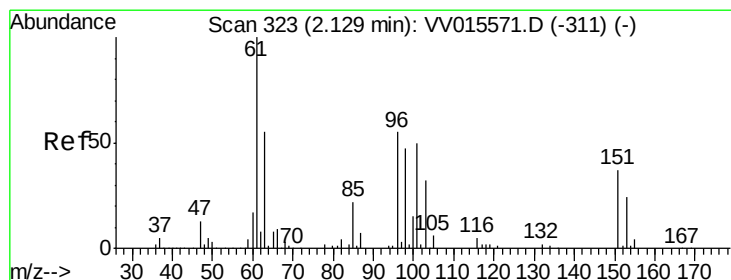
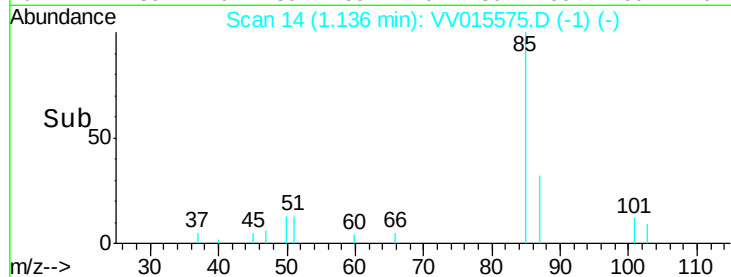
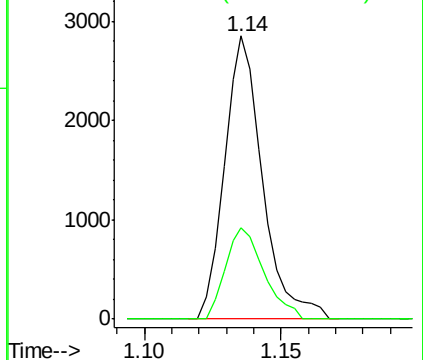
apatel

4/21/2020 10:42:38 AM



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0



#12

1,1-Dichloroethene

Concen: 3.449 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV015575.D

Acq: 20 Apr 2020 12:11

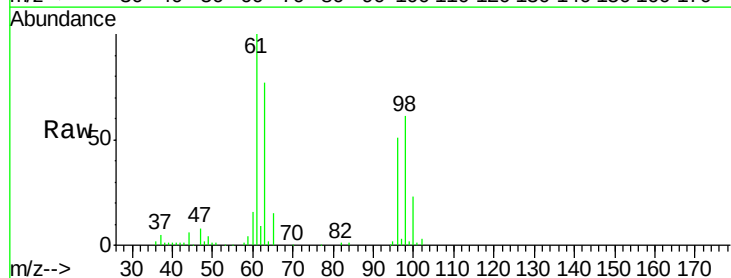
Tgt Ion: 96 Resp: 21025

Ion Ratio Lower Upper

96 100

61 194.4 127.7 237.1

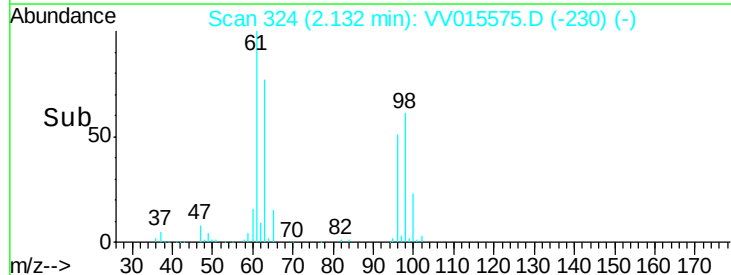
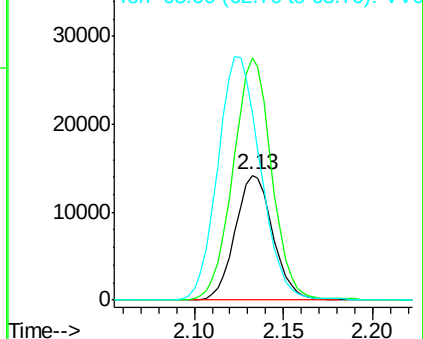
63 150.3 75.1 139.5#

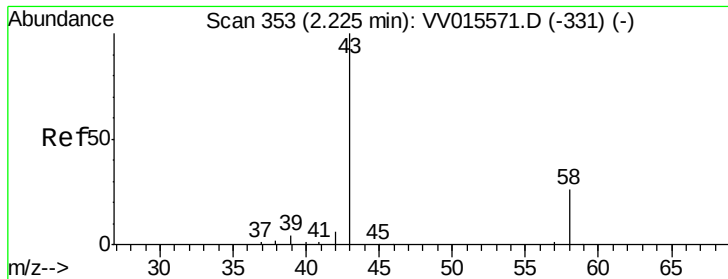


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





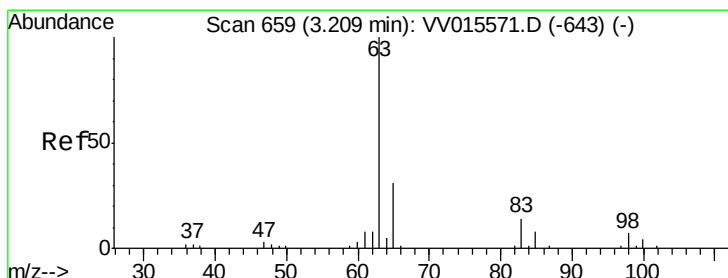
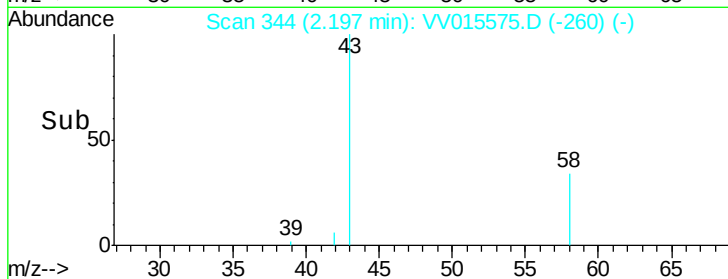
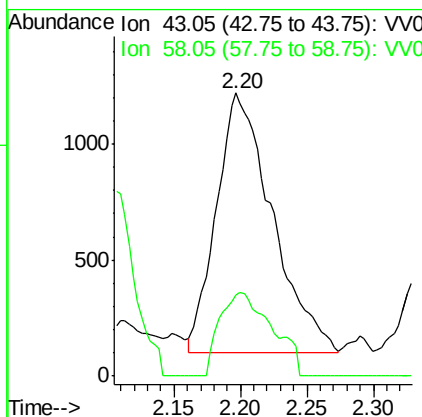
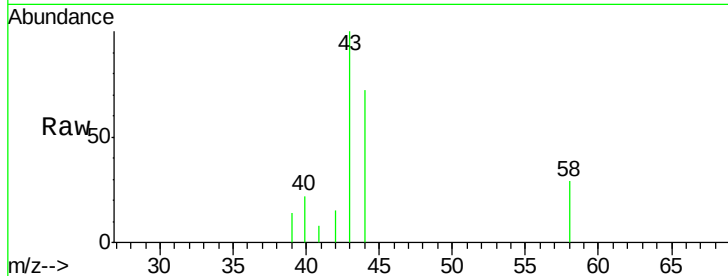
#13
Acetone
Concen: 3.271 ug/L m
RT: 2.20 min Scan# 344
Delta R.T. -0.03 min
Lab File: VV015575.D
Acq: 20 Apr 2020 12:11

Instrument :
MSVOA_V
ClientSampled :
C0AC6

Tot Ion: 43 Resp: 3269
Ion Ratio Lower Upper
43 100
58 1.3 0.0 22.2

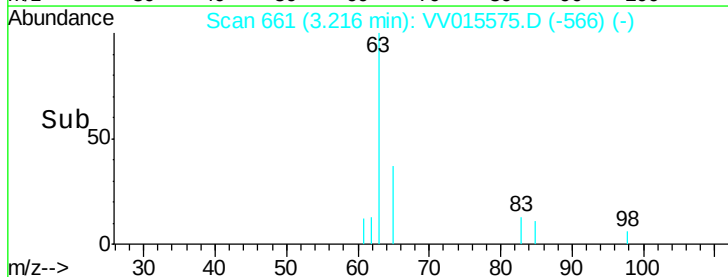
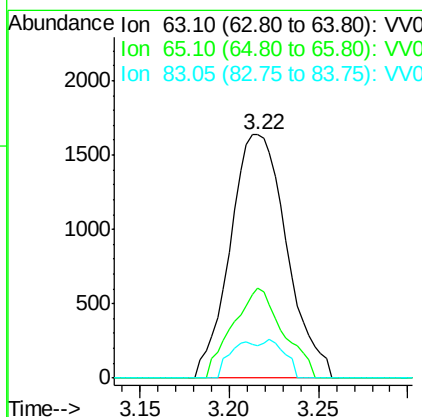
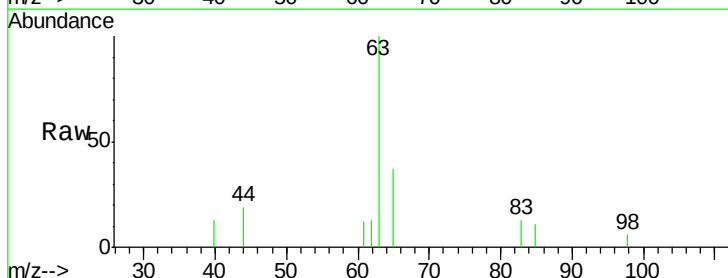
Manual Integrations
APPROVED

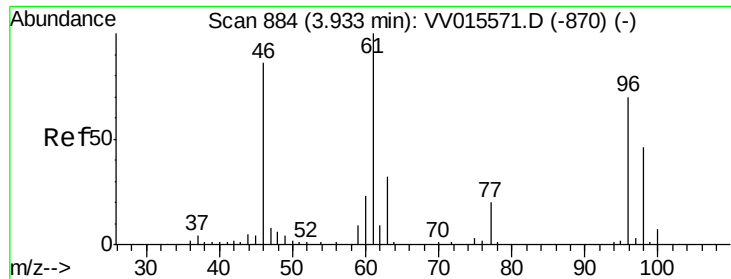
apatel
4/21/2020 10:42:38 AM



#19
1,1-Dichloroethane
Concen: 0.279 ug/L
RT: 3.22 min Scan# 661
Delta R.T. 0.01 min
Lab File: VV015575.D
Acq: 20 Apr 2020 12:11

Tgt Ion: 63 Resp: 3610
Ion Ratio Lower Upper
63 100
65 37.2 21.3 39.6
83 13.4 9.4 17.6





#22

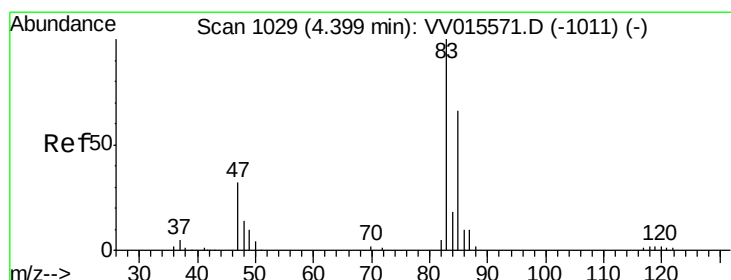
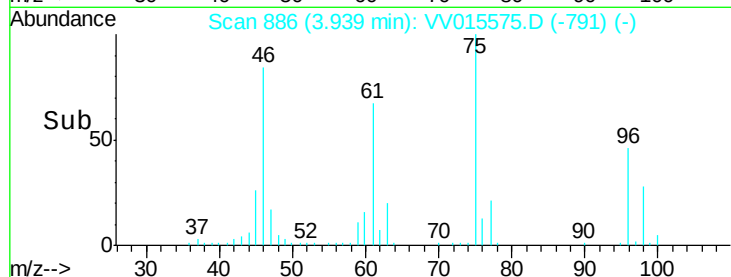
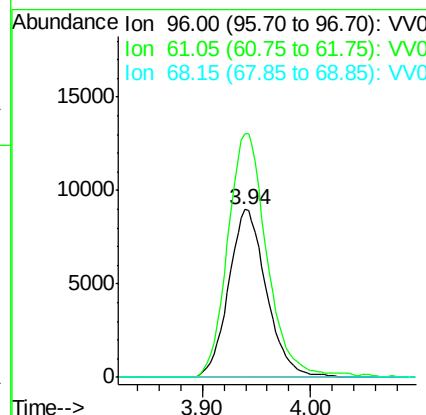
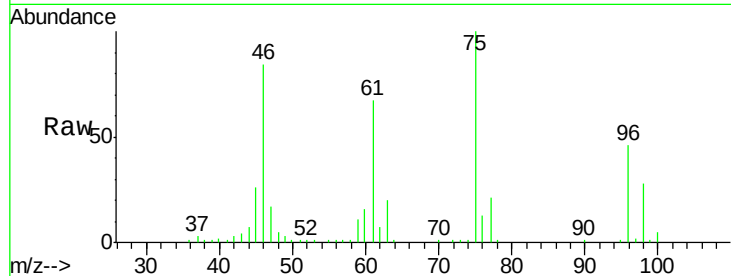
cis-1,2-Dichloroethene
Concen: 3.078 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015575.D
Acq: 20 Apr 2020 12:11

Instrument :
MSVOA_V
ClientSampled :
C0AC6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		21952		
61	145.0	100.0	185.8		
68	0.0	0.0	0.0		

Manual Integrations
APPROVED

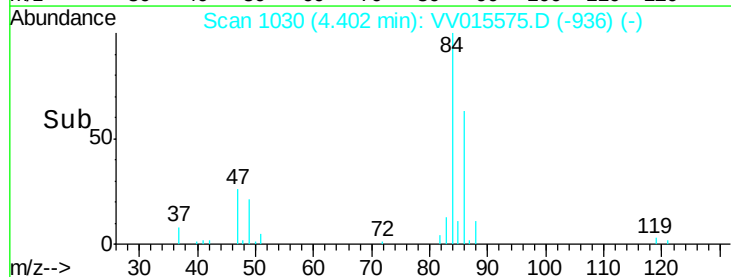
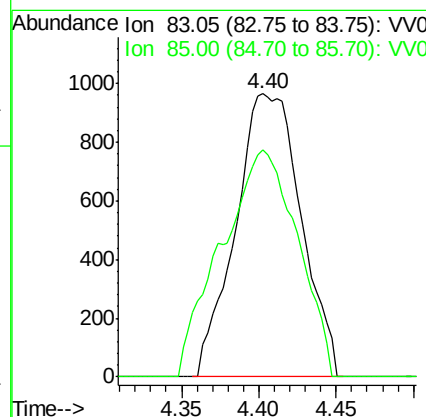
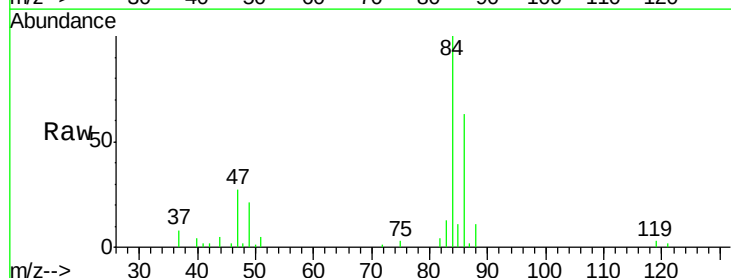
apatel
4/21/2020 10:42:38 AM

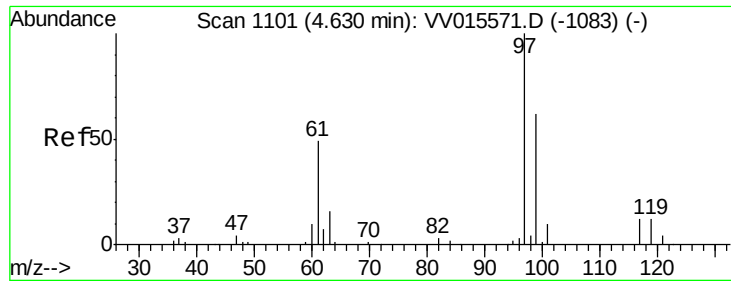


#25

Chloroform
Concen: 0.214 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015575.D
Acq: 20 Apr 2020 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		2841		
85	80.3	45.9	85.3		





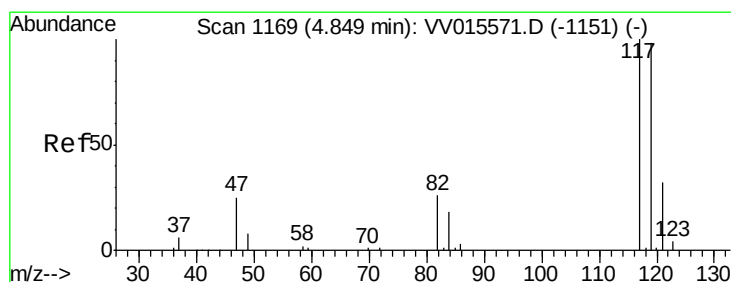
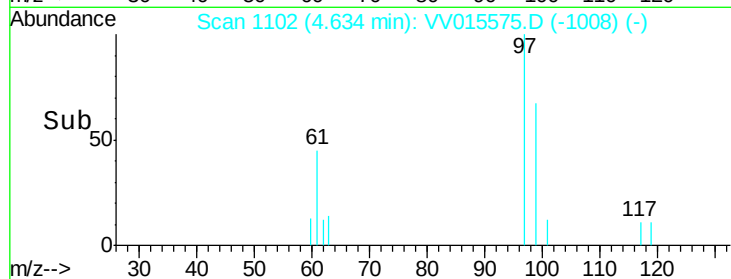
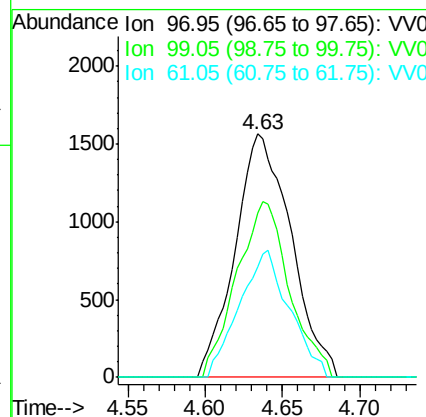
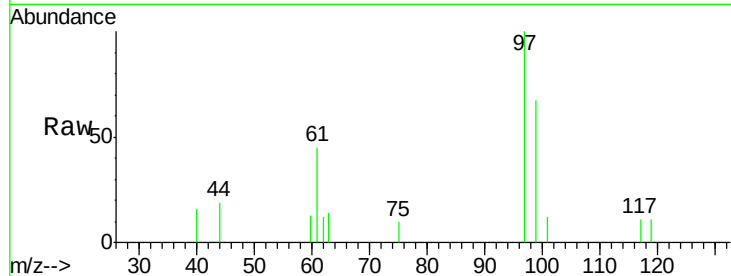
#29
 1,1,1-Trichloroethane
 Concen: 0.329 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV015575.D
 Acq: 20 Apr 2020 12:11

Instrument :
 MSVOA_V
 ClientSampled :
 C0AC6

Tot Ion	Ratio	Lower	Upper
97	100		
99	68.2	51.6	77.4
61	46.8	39.0	58.6

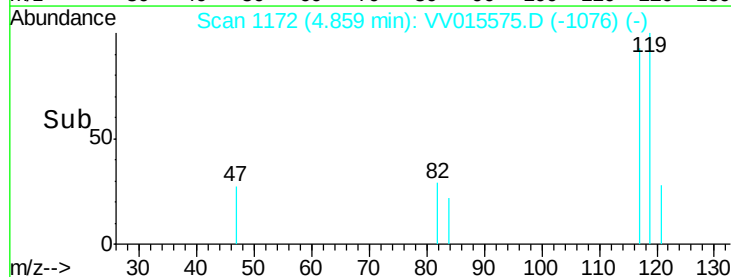
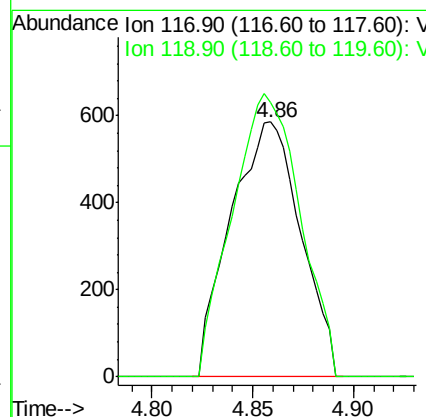
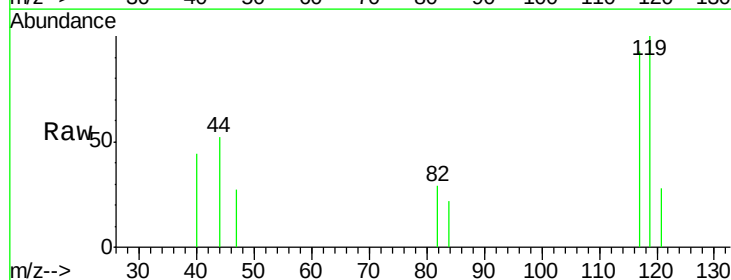
Manual Integrations
 APPROVED

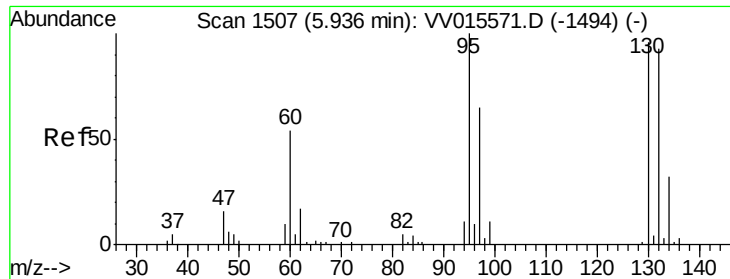
apatel
 4/21/2020 10:42:38 AM



#31
 Carbon tetrachloride
 Concen: 0.136 ug/L
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VV015575.D
 Acq: 20 Apr 2020 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	107.9	76.6	115.0





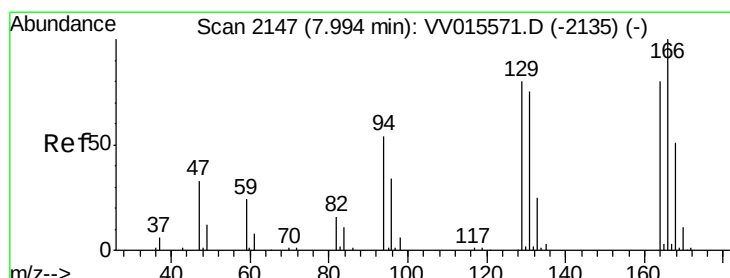
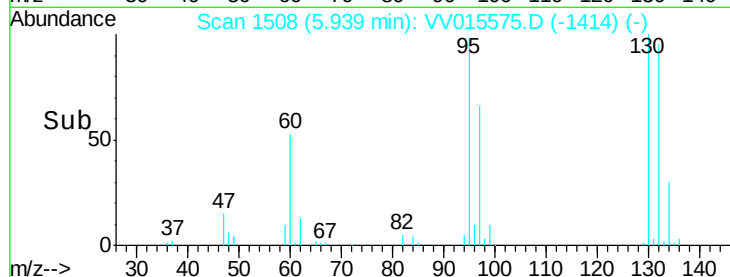
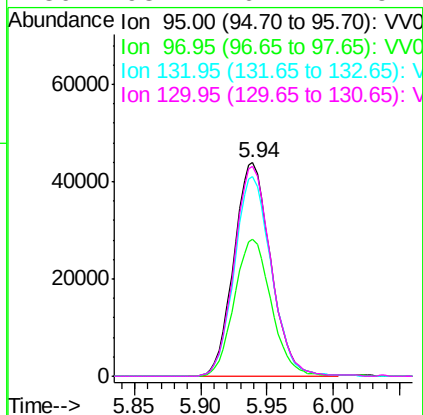
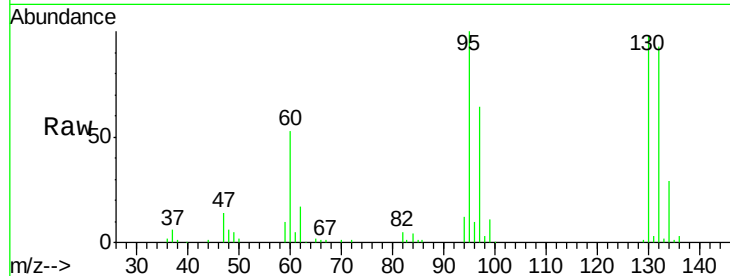
#34
 Trichloroethene
 Concen: 11.488 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV015575.D
 Acq: 20 Apr 2020 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC6

Tot Ion:	95	Resp:	85023
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.4	84.4
132	93.3	64.8	120.4
130	98.1	67.4	125.2

Manual Integrations
 APPROVED

apatel
 4/21/2020 10:42:38 AM



#47
 Tetrachloroethene
 Concen: 10.922 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015575.D
 Acq: 20 Apr 2020 12:11

Tgt Ion:	164	Resp:	59887
Ion	Ratio	Lower	Upper
164	100		
129	99.1	70.6	131.0
131	93.9	68.3	126.8
166	127.4	88.3	163.9

