

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
 Data File : VV014641.D
 Acq On : 20 Feb 2020 22:05
 Operator : SY/MD
 Sample : L1607-19
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 4:13:17 PM

Quant Time: Feb 21 06:10:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 21 03:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	263395	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	244313	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	118684	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58360	57.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	115.38%
7) Chloroethane-d5	1.59	69	39652	55.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.48%
11) 1,1-Dichloroethene-d2	2.13	63	72967	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
21) 2-Butanone-d5	3.93	46	84929	101.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.25%
24) Chloroform-d	4.40	84	148595	50.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.74%
26) 1,2-Dichloroethane-d4	5.08	65	98244	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
32) Benzene-d6	5.10	84	311110	53.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.50%
36) 1,2-Dichloropropane-d6	6.12	67	96280	54.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	109.42%
41) Toluene-d8	7.35	98	292479	52.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.06%
43) trans-1,3-Dichloropropene-	7.66	79	49234	50.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.48%
47) 2-Hexanone-d5	8.13	63	71114	101.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.13%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	120641	50.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.02%
64) 1,2-Dichlorobenzene-d4	11.67	152	111990	53.41	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.82%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	10690	12.301	ug/L	96
13) Acetone	2.20	43	2408	3.346	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	8541m	4.636	ug/L	
25) Chloroform	4.42	83	11749	3.800	ug/L	92
30) 1,1,1-Trichloroethane	4.66	97	25590	9.628	ug/L	99
31) Carbon tetrachloride	4.88	117	2435	1.015	ug/L	88
34) Trichloroethene	5.98	95	12007602	6936.940	ug/L	97
42) Toluene	7.43	91	4759	0.680	ug/L	91
45) 1,1,2-Trichloroethane	7.88	97	6998	4.277	ug/L	93
46) Tetrachloroethene	8.02	164	2641	1.940	ug/L	97

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

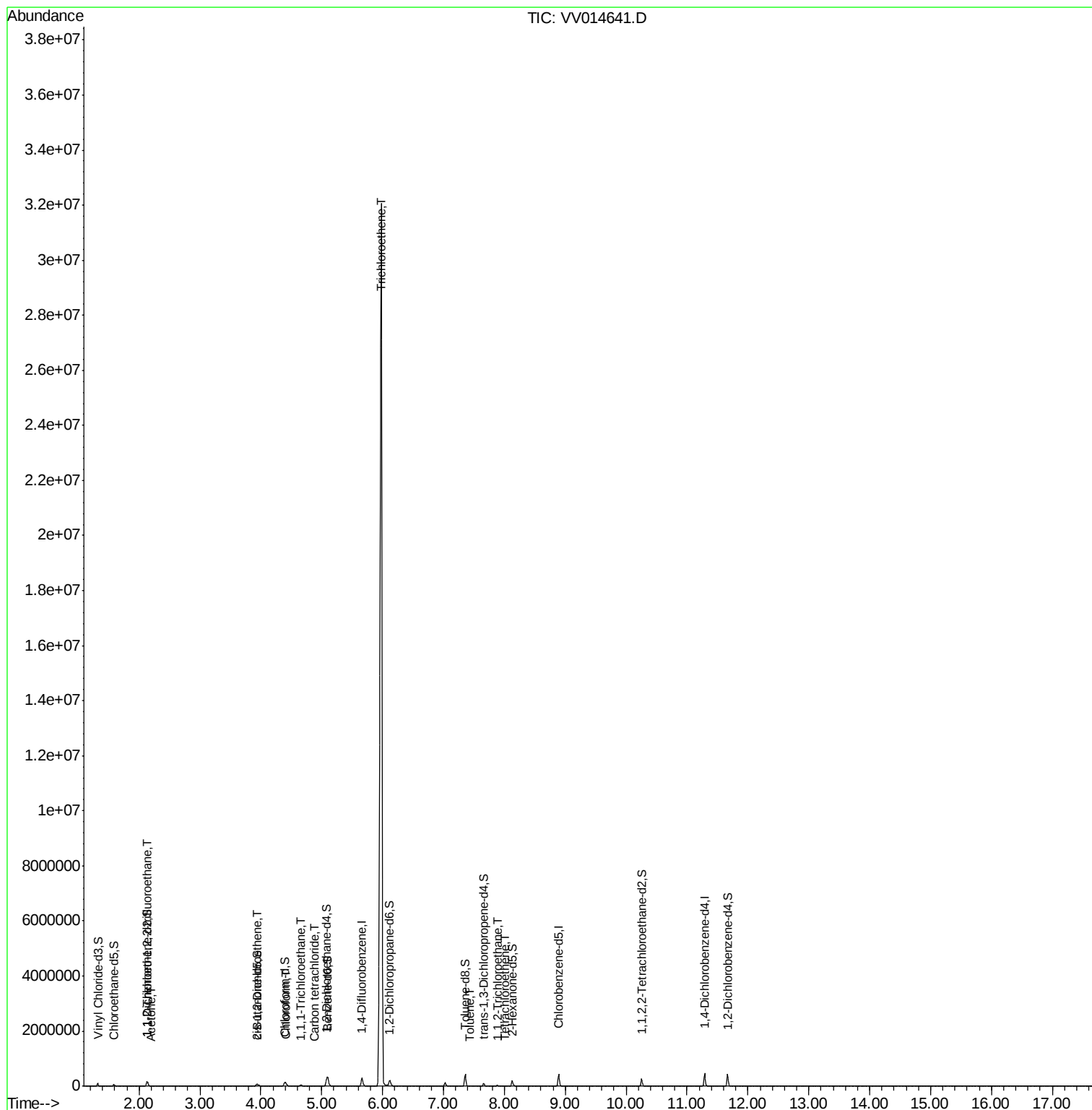
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022020\
Data File : VV014641.D
Acq On : 20 Feb 2020 22:05
Operator : SY/MD
Sample : L1607-19
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 25 Sample Multiplier: 1

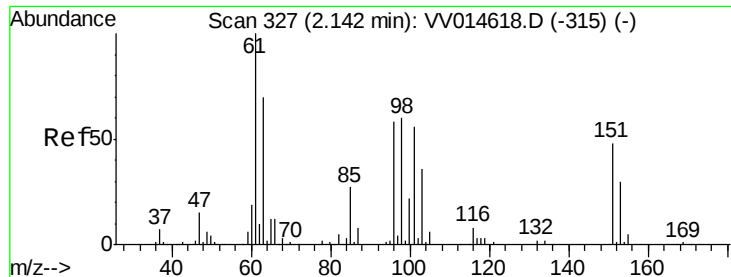
Instrument :
MSVOA_V
ClientSampleId :
C0AQ5

Manual Integrations
APPROVED

MMDadoda
2/24/2020 4:13:17 PM

Quant Time: Feb 21 06:10:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 12.301 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV014641.D

Acq: 20 Feb 2020 22:05

Instrument :

MSVOA_V

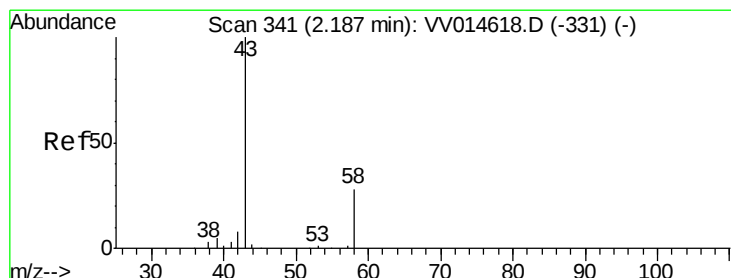
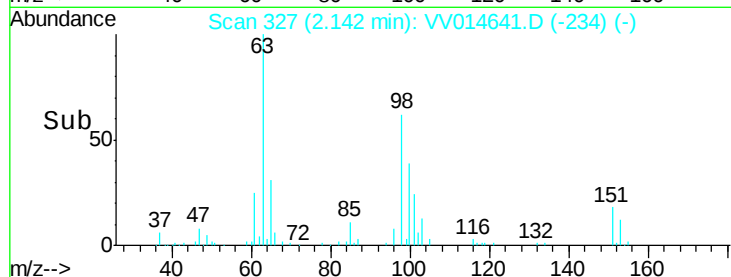
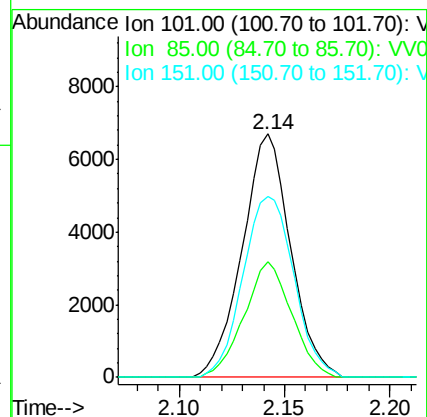
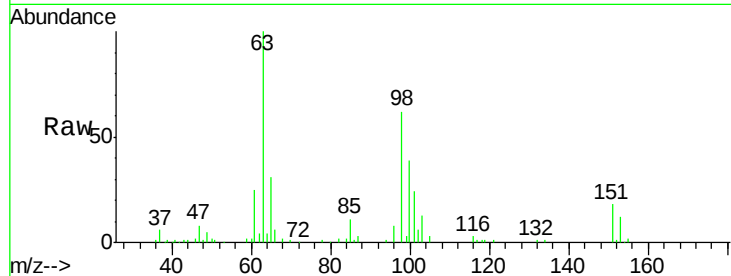
ClientSampled :

C0AQ5

Tot Ion:	101	Resp:	10690
Ion Ratio	Lower	Upper	
101	100		
85	46.7	35.4	53.0
151	78.2	65.4	98.2

Manual Integrations
APPROVED

MMDadoda
2/24/2020 4:13:17 PM



#13

Acetone

Concen: 3.346 ug/L

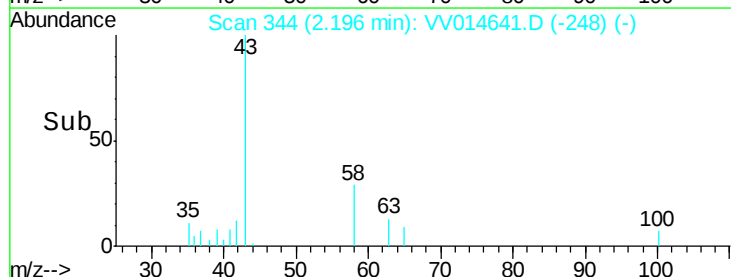
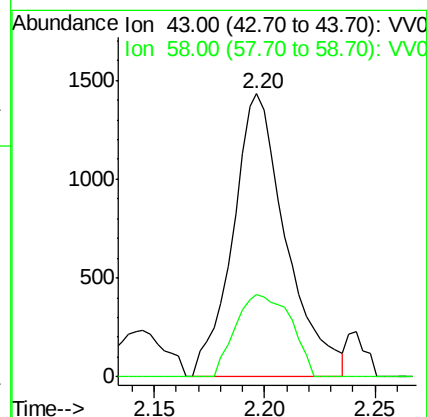
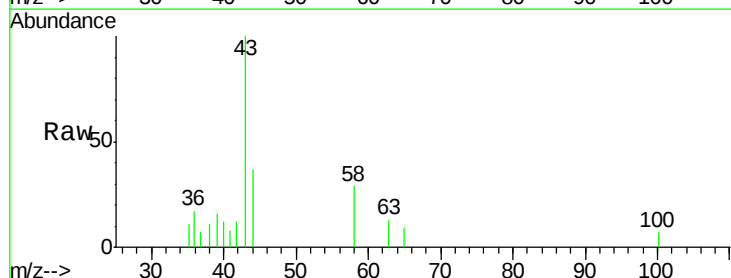
RT: 2.20 min Scan# 344

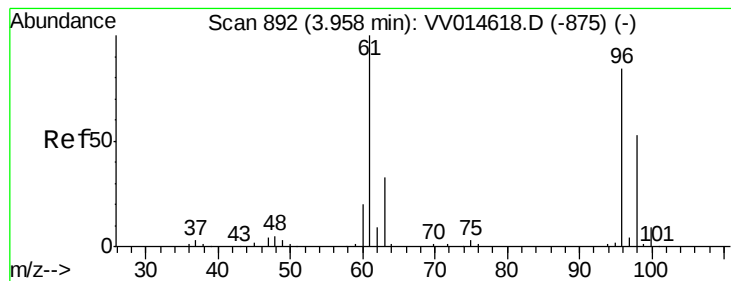
Delta R.T. 0.01 min

Lab File: VV014641.D

Acq: 20 Feb 2020 22:05

Tgt Ion:	43	Resp:	2408
Ion Ratio	Lower	Upper	
43	100		
58	30.1	0.0	58.8





#20

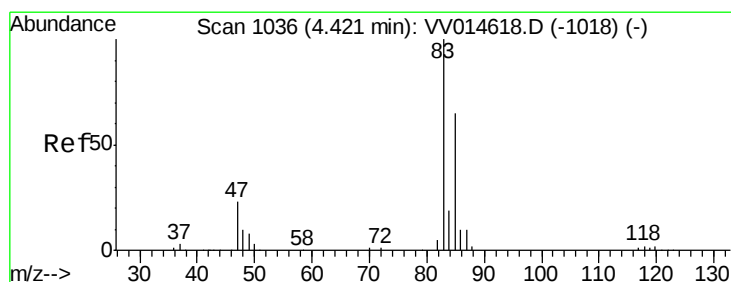
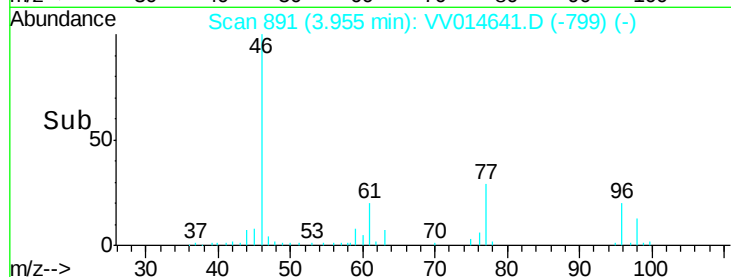
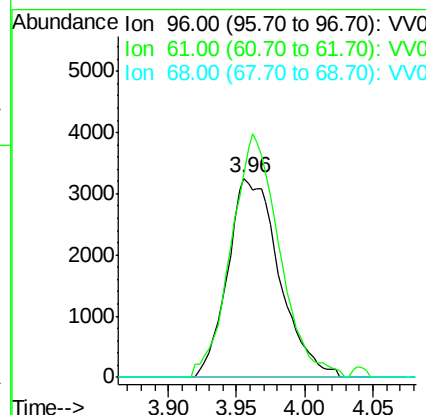
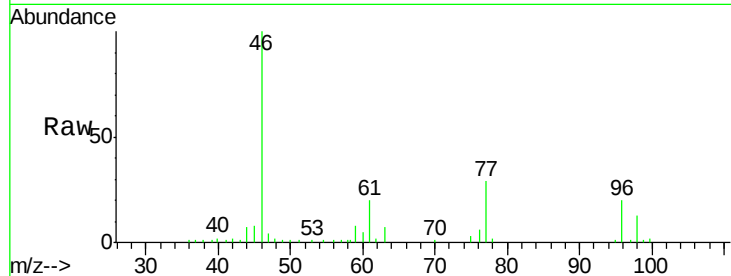
cis-1,2-Dichloroethene
 Concen: 4.636 ug/L m
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV014641.D
 Acq: 20 Feb 2020 22:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		8541		
61	102.0		85.9	159.5	
68	0.0		0.0	0.0	

Manual Integrations
 APPROVED

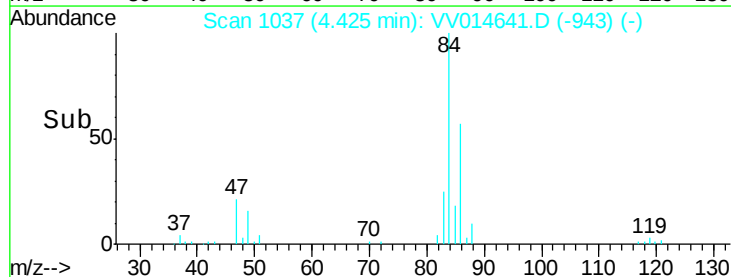
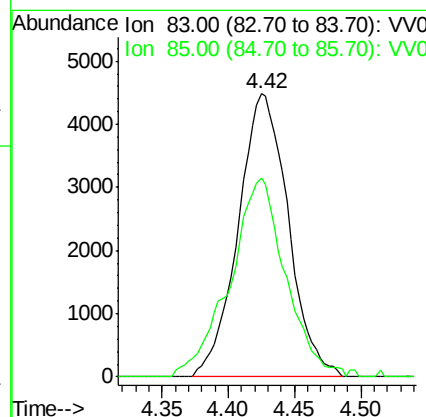
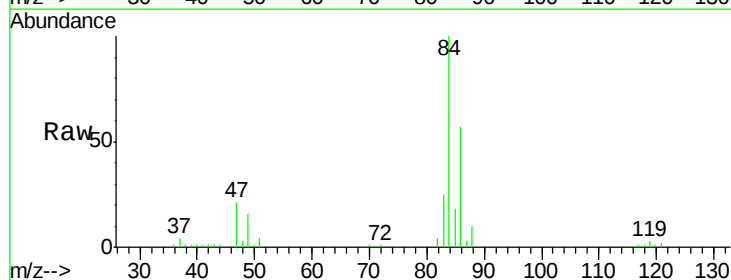
MMDadoda
 2/24/2020 4:13:17 PM

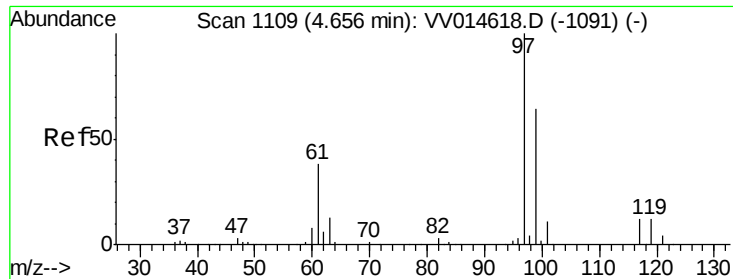


#25

Chloroform
 Concen: 3.800 ug/L
 RT: 4.42 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VV014641.D
 Acq: 20 Feb 2020 22:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		11749		
85	70.3		45.0	83.6	





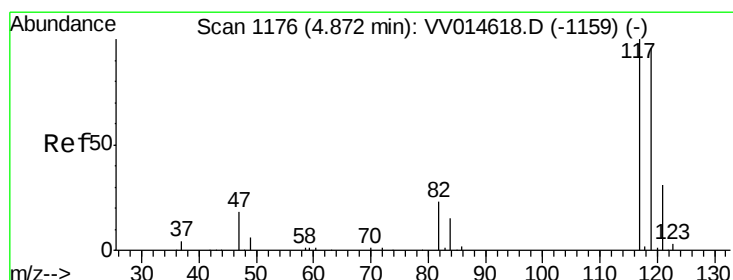
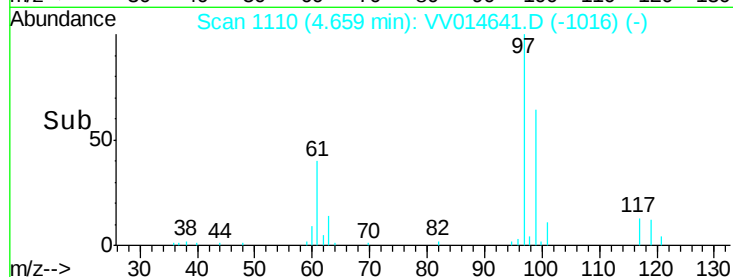
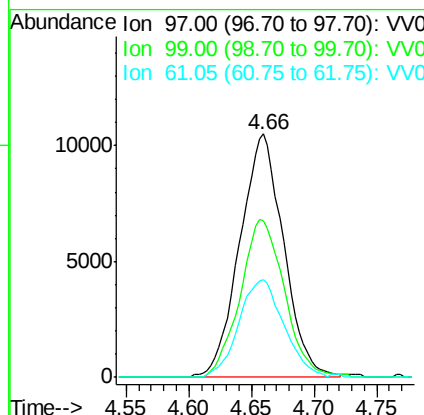
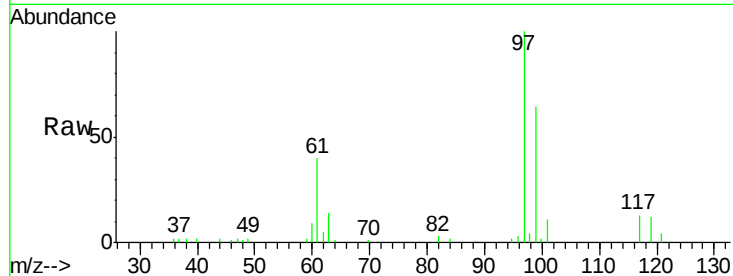
#30
 1,1,1-Trichloroethane
 Concen: 9.628 ug/L
 RT: 4.66 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VV014641.D
 Acq: 20 Feb 2020 22:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ5

Tot Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.2	76.8
61	41.1	32.4	48.6

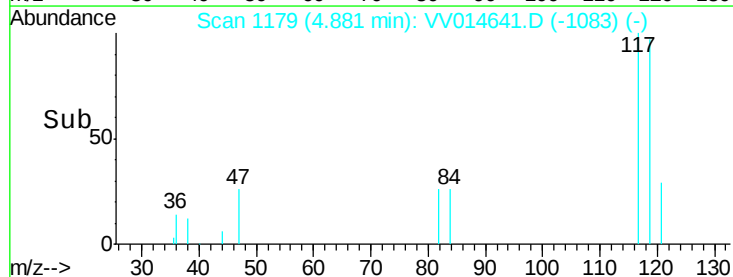
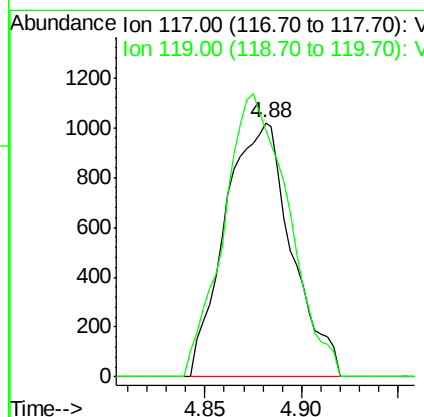
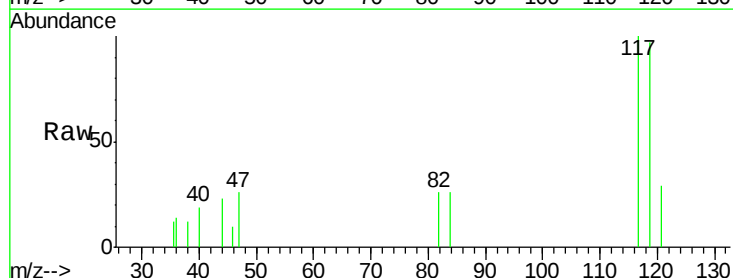
Manual Integrations
 APPROVED

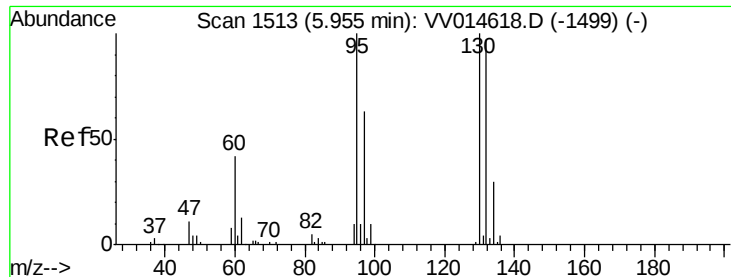
MMDadoda
 2/24/2020 4:13:17 PM



#31
 Carbon tetrachloride
 Concen: 1.015 ug/L
 RT: 4.88 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: VV014641.D
 Acq: 20 Feb 2020 22:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	108.5	77.6	116.4





#34

Trichloroethene

Concen: 6936.940 ug/L

RT: 5.98 min Scan# 1520

Delta R.T. 0.02 min

Lab File: VV014641.D

Acq: 20 Feb 2020 22:05

Instrument :

MSVOA_V

ClientSampleId :

C0AQ5

Tot Ion: 95 Resp:12007602

Ion Ratio Lower Upper

95 100

97 68.1 45.3 84.1

132 98.6 69.6 129.2

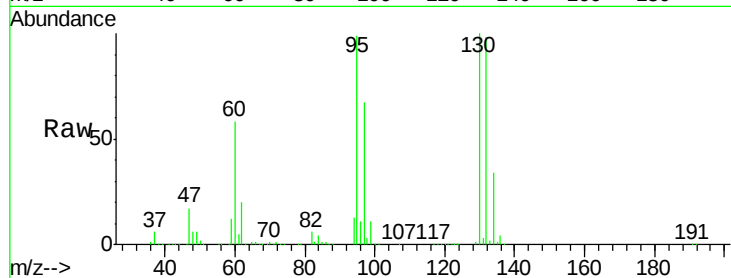
130 101.1 74.0 137.4

Manual Integrations

APPROVED

MMDadoda

2/24/2020 4:13:17 PM



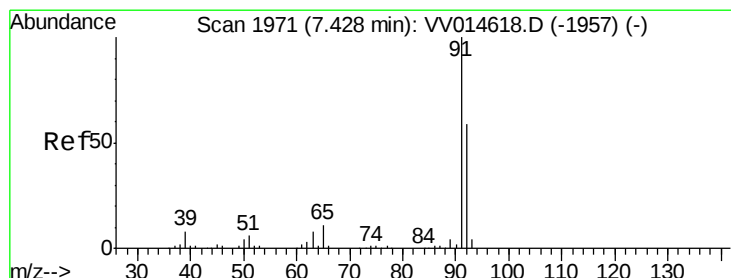
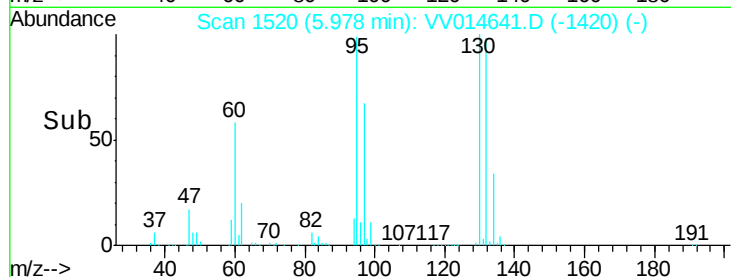
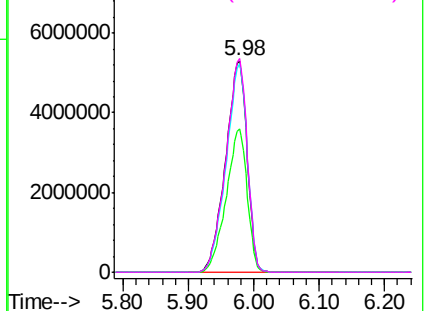
Abundance

Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#42

Toluene

Concen: 0.680 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

Lab File: VV014641.D

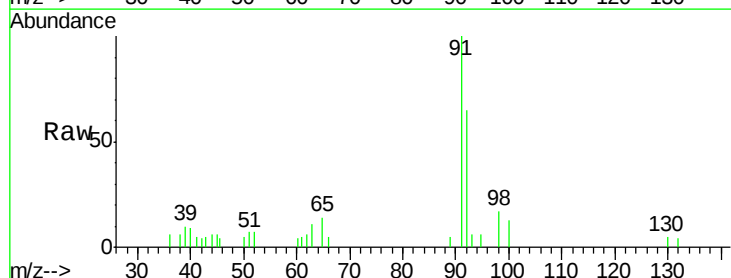
Acq: 20 Feb 2020 22:05

Tgt Ion: 91 Resp: 4759

Ion Ratio Lower Upper

91 100

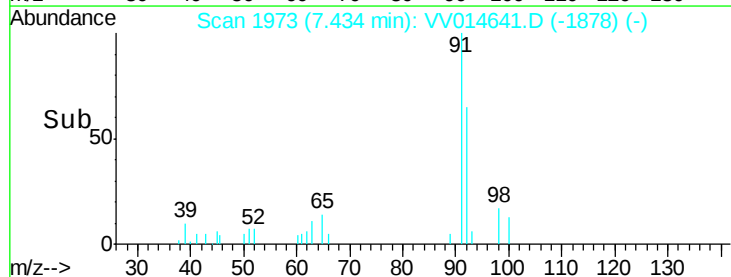
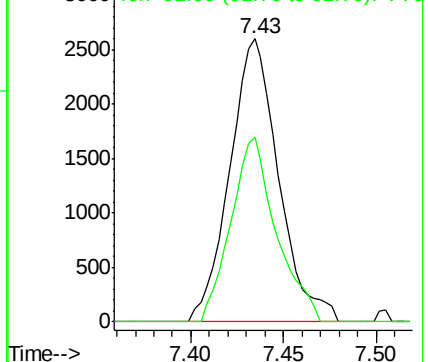
92 65.3 40.9 76.0

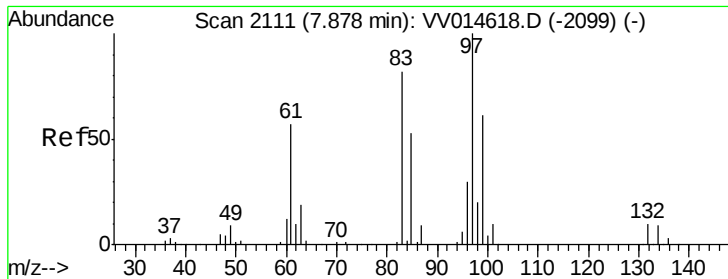


Abundance

Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0





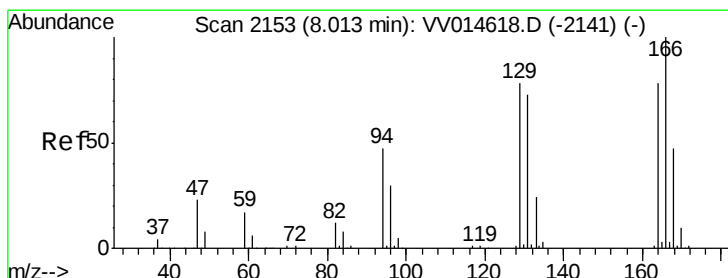
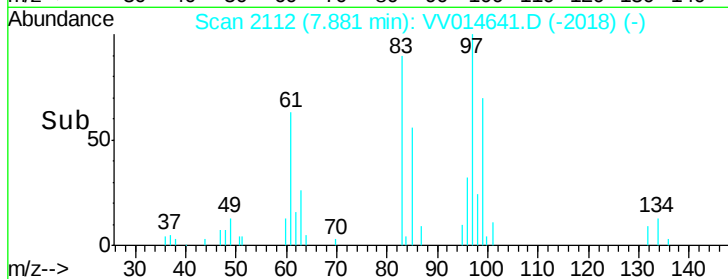
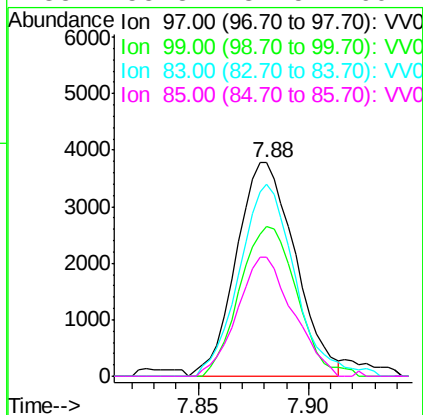
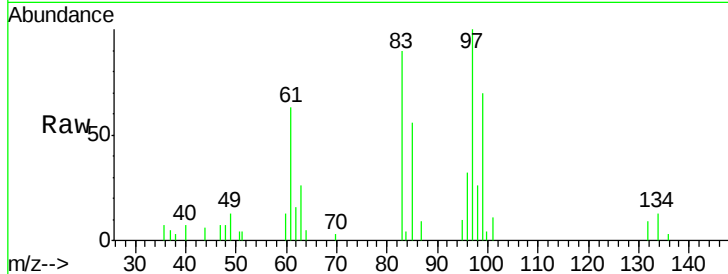
#45
1,1,2-Trichloroethane
Concen: 4.277 ug/L
RT: 7.88 min Scan# 2112
Delta R.T. 0.00 min
Lab File: VV014641.D
Acq: 20 Feb 2020 22:05

Instrument :
MSVOA_V
ClientSampleId :
C0AQ5

Tot Ion:	97	Resp:	6998
Ion	Ratio	Lower	Upper
97	100		
99	69.8	44.9	83.3
83	90.0	57.5	106.7
85	55.8	37.5	69.7

Manual Integrations
APPROVED

MMDadoda
2/24/2020 4:13:17 PM



#46
Tetrachloroethene
Concen: 1.940 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV014641.D
Acq: 20 Feb 2020 22:05

Tgt Ion:	164	Resp:	2641
Ion	Ratio	Lower	Upper
164	100		
129	90.6	67.8	126.0
131	95.0	64.5	119.9
166	126.8	88.6	164.6

