

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013327.D
 Acq On : 24 Oct 2019 20:57
 Operator : SY/MD
 Sample : K5457-10
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K15

Manual Integrations
 APPROVED

MMDadoda
 10/26/2019 10:04:11 AM

Quant Time: Oct 25 05:26:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	437818	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	475264	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	244862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	170777	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.58	69	138782	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.20%
11) 1,1-Dichloroethene-d2	2.13	63	238673	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.20%
20) 2-Butanone-d5	3.94	46	367696	59.32	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.64%
24) Chloroform-d	4.40	84	356724	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	169805	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	721418	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	221293	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	605350	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	7.66	79	62260	3.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.00%
46) 2-Hexanone-d5	8.13	63	190685	30.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	146773	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	245344	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	3605	0.086	ug/L	92
12) 1,1-Dichloroethene	2.14	96	52399	1.522	ug/L #	49
13) Acetone	2.20	43	4146m	1.294	ug/L	
19) 1,1-Dichloroethane	3.23	63	7442	0.113	ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	27548	0.634	ug/L #	94
25) Chloroform	4.43	83	48019	0.558	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	9180	0.131	ug/L	96
31) Carbon tetrachloride	4.87	117	6792	0.108	ug/L	98
34) Trichloroethene	5.96	95	233644	4.798	ug/L	96
47) Tetrachloroethene	8.02	164	102260	2.312	ug/L	97

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

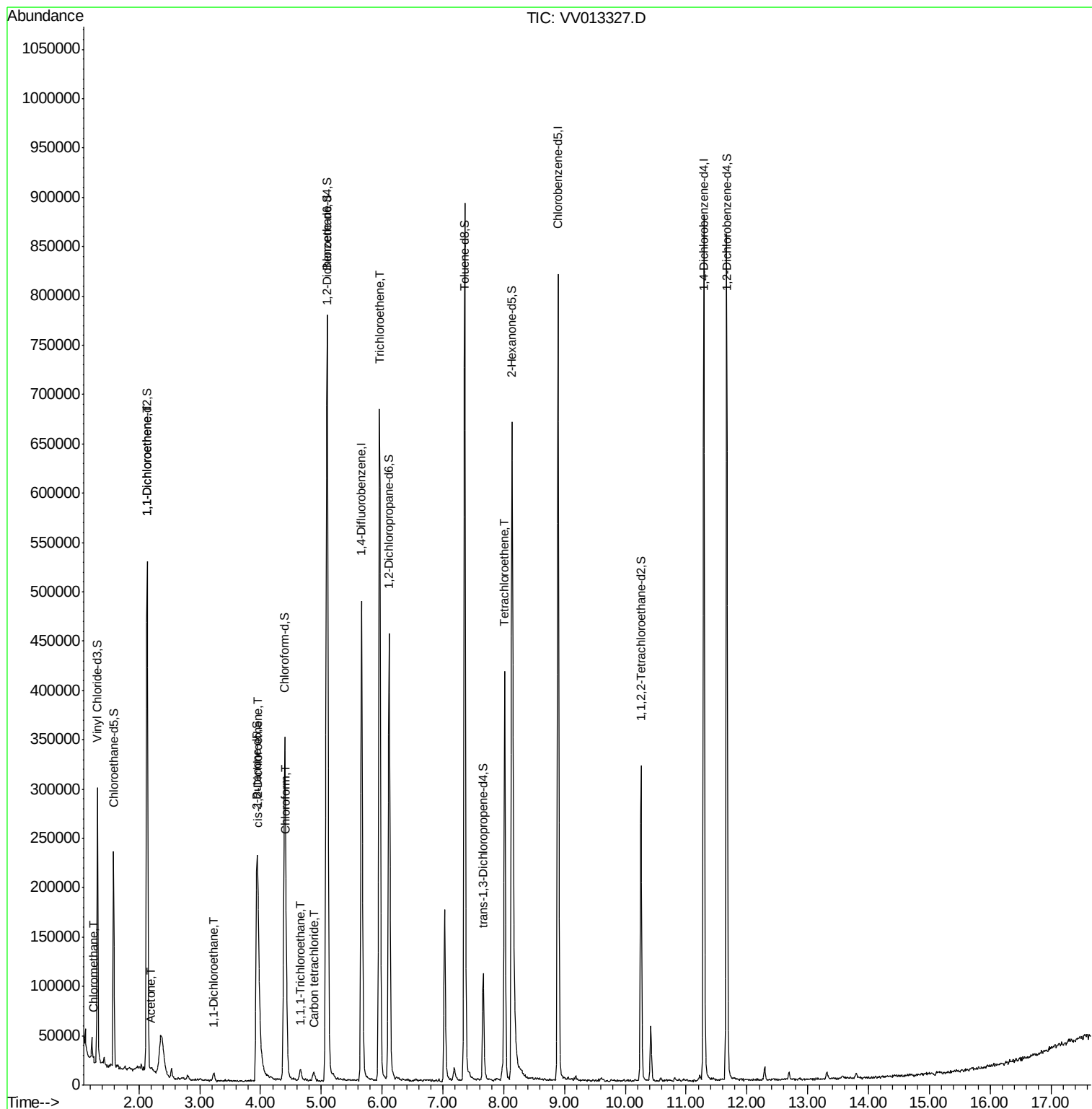
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102519\
Data File : VV013327.D
Acq On : 24 Oct 2019 20:57
Operator : SY/MD
Sample : K5457-10
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 10 Sample Multiplier: 1

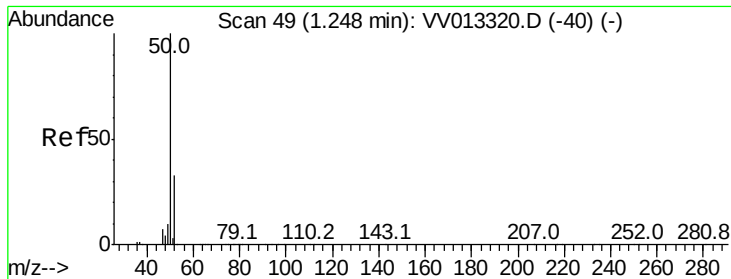
Instrument :
MSVOA_V
ClientSampled :
C0K15

Manual Integrations
APPROVED

MMDadoda
10/26/2019 10:04:11 AM

Quant Time: Oct 25 05:26:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 04:42:43 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.086 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

Instrument :

MSVOA_V

ClientSampleId :

C0K15

Tot Ion: 50 Resp: 3605

Ion Ratio Lower Upper

50 100

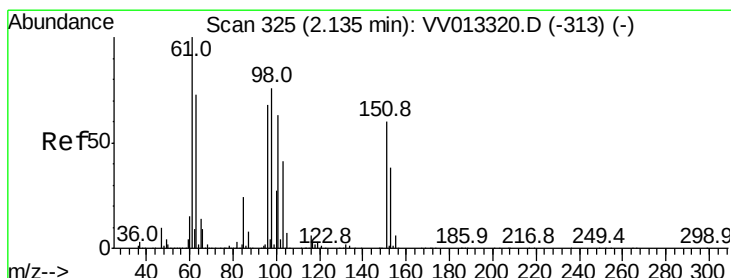
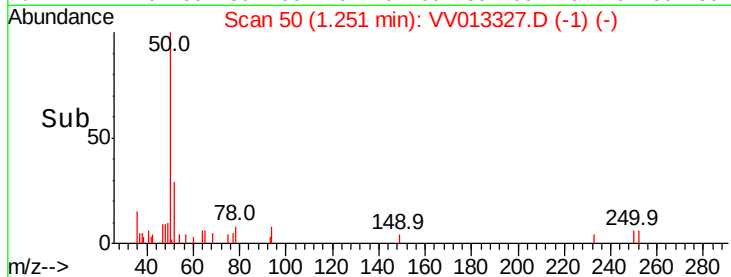
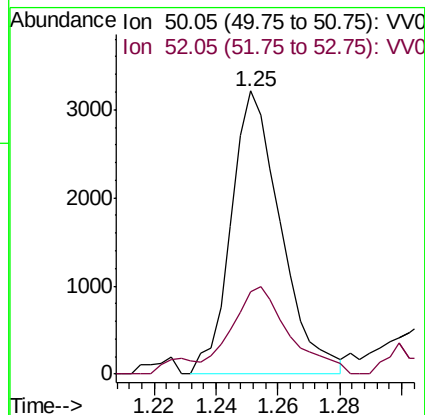
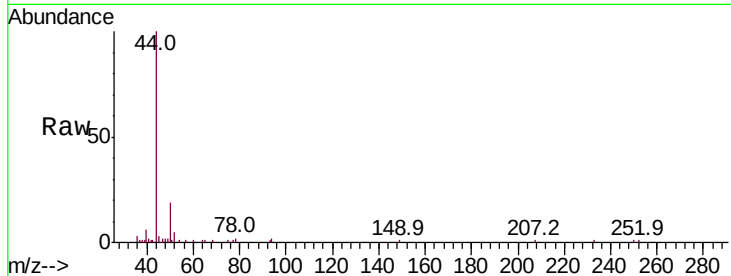
52 28.9 23.3 43.3

Manual Integrations

APPROVED

MMDadoda

10/26/2019 10:04:11 AM



#12

1,1-Dichloroethene

Concen: 1.522 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.01 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

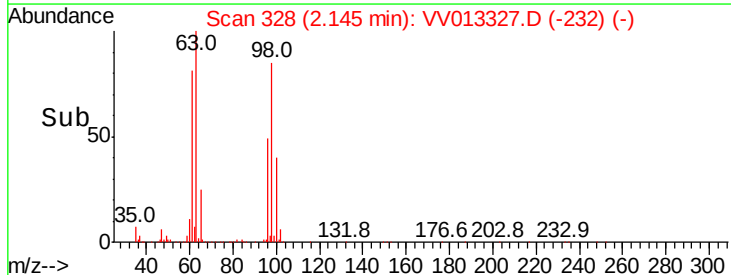
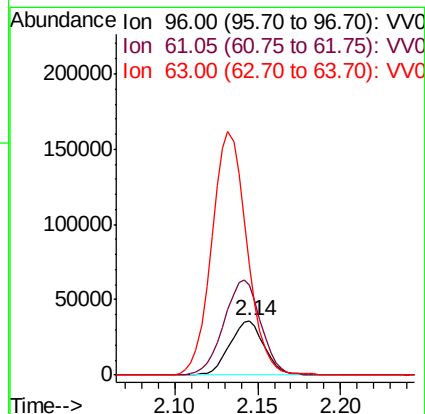
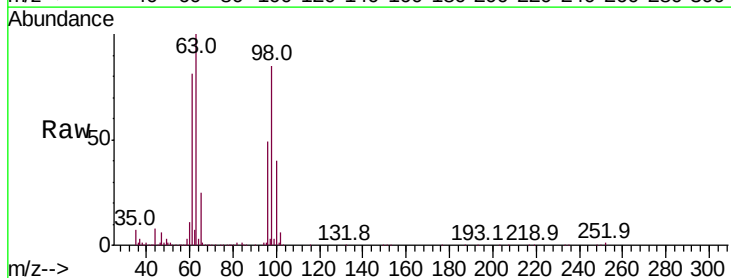
Tgt Ion: 96 Resp: 52399

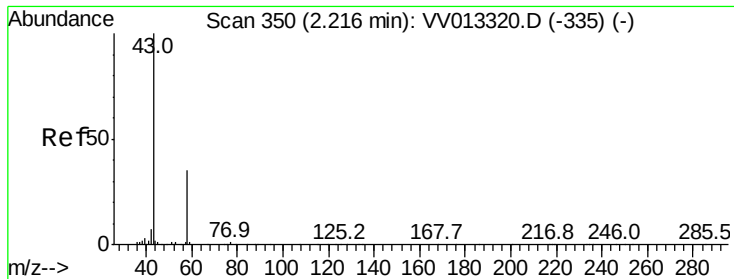
Ion Ratio Lower Upper

96 100

61 165.1 104.0 193.1

63 202.6 67.1 124.5#





#13

Acetone

Concen: 1.294 ug/L m

RT: 2.20 min Scan# 346

Delta R.T. -0.01 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

Instrument :

MSVOA_V

ClientSampled :

C0K15

Tot Ion: 43 Resp: 4146

Ion Ratio Lower Upper

43 100

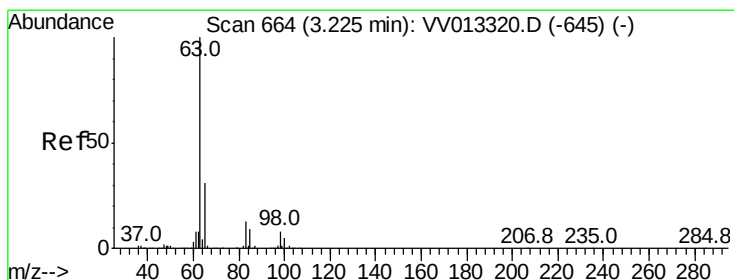
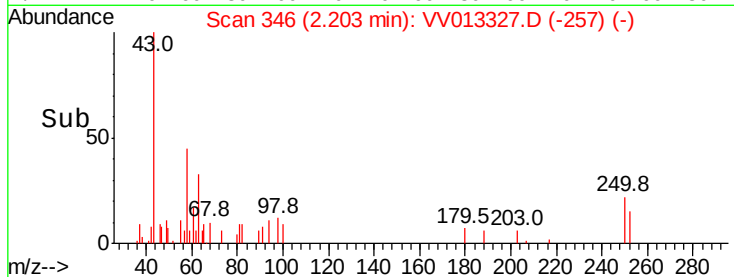
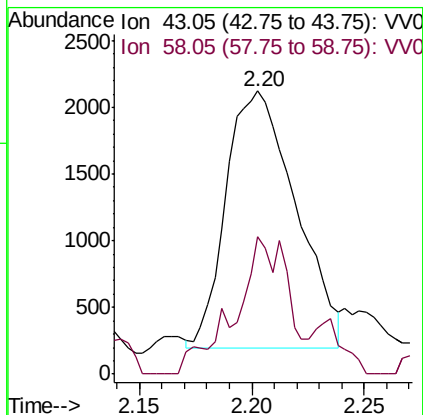
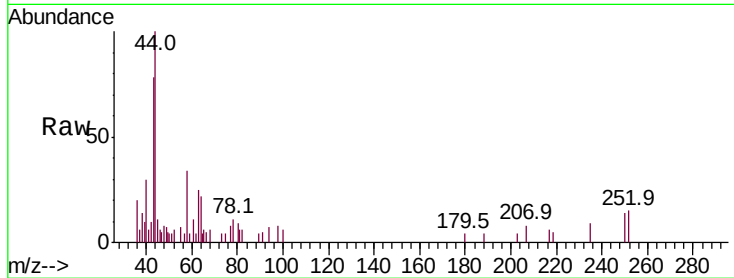
58 19.5 0.0 26.2

Manual Integrations

APPROVED

MMDadoda

10/26/2019 10:04:11 AM



#19

1,1-Dichloroethane

Concen: 0.113 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.01 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

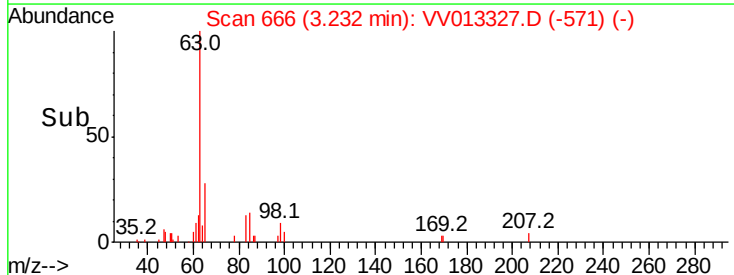
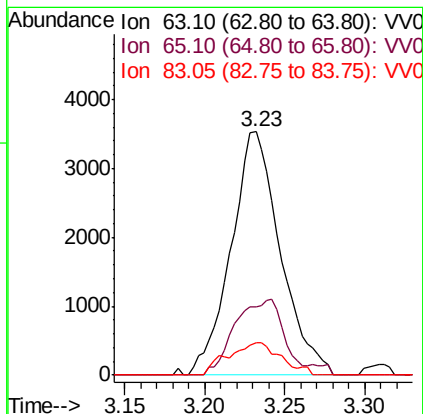
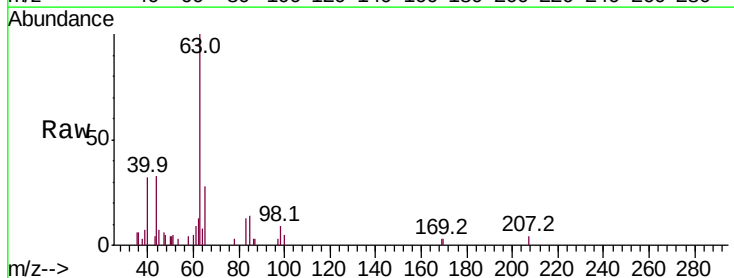
Tgt Ion: 63 Resp: 7442

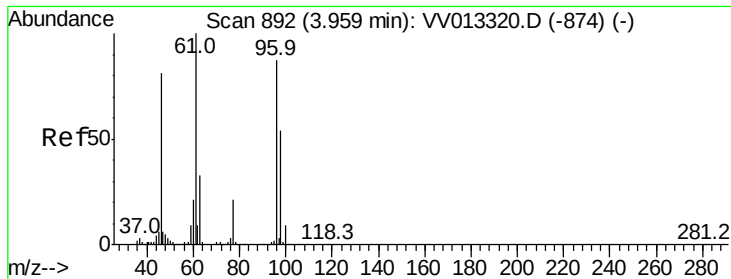
Ion Ratio Lower Upper

63 100

65 28.3 23.0 42.8

83 13.4 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 0.634 ug/L

RT: 3.96 min Scan# 894

Delta R.T. 0.01 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

Instrument :

MSVOA_V

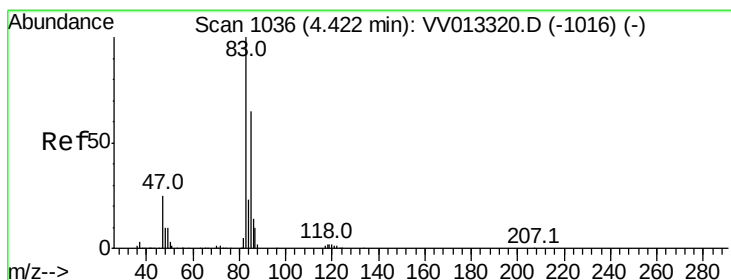
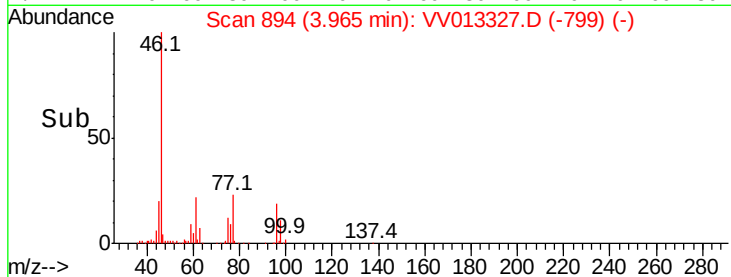
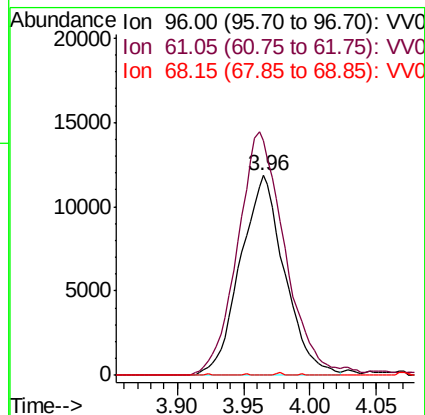
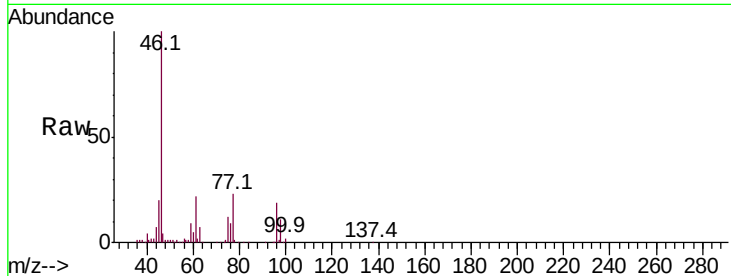
ClientSampleId :

C0K15

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.1	77.3	143.7
68	0.0	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
10/26/2019 10:04:11 AM



#25

Chloroform

Concen: 0.558 ug/L

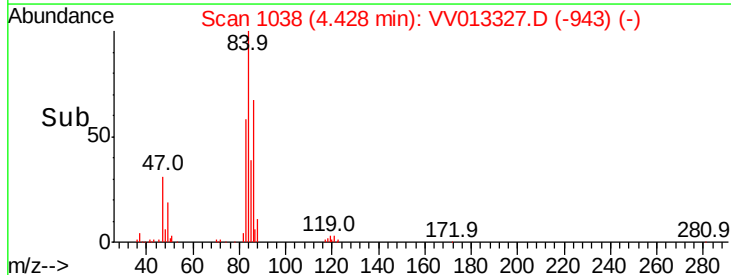
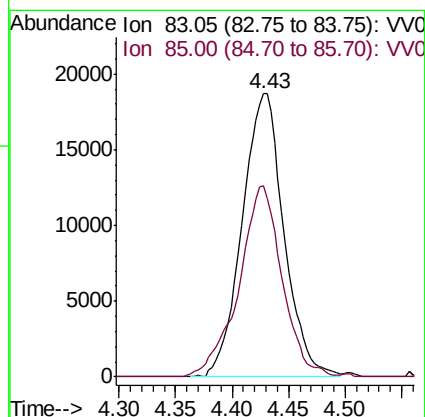
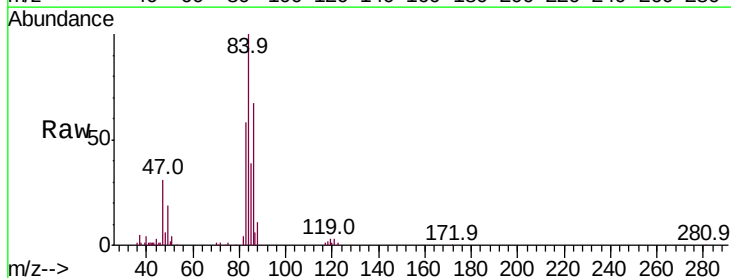
RT: 4.43 min Scan# 1038

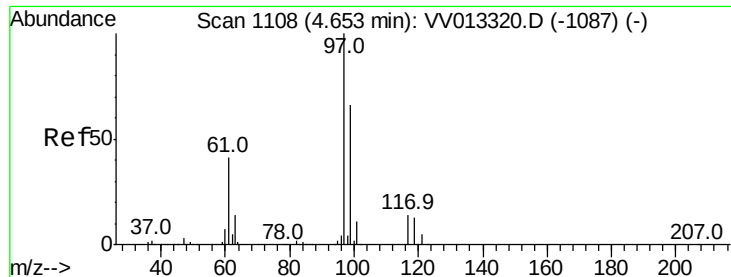
Delta R.T. 0.01 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	45.7	84.9





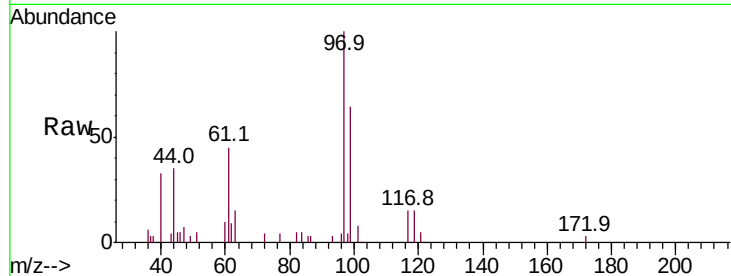
#29
 1,1,1-Trichloroethane
 Concen: 0.131 ug/L
 RT: 4.66 min Scan# 1109
 Delta R.T. 0.00 min
 Lab File: VV013327.D
 Acq: 24 Oct 2019 20:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0K15

Tot Ion	Ratio	Lower	Upper
97	100		
99	66.8	51.7	77.5
61	38.8	34.3	51.5

Manual Integrations
 APPROVED

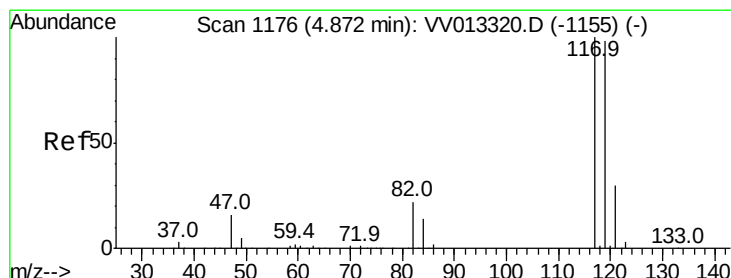
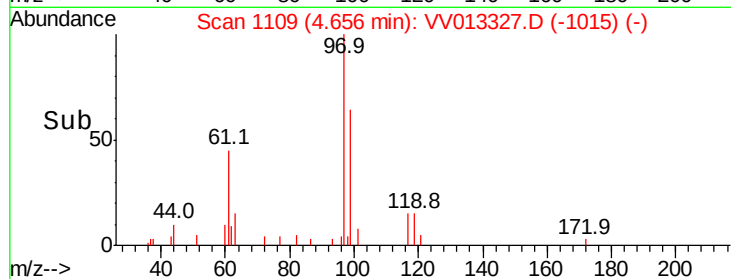
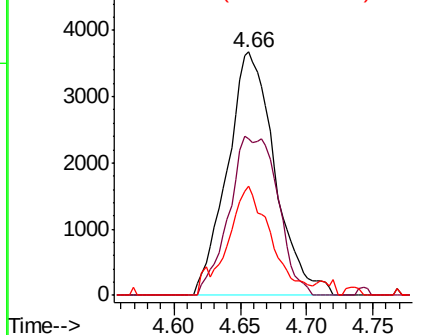
MMDadoda
 10/26/2019 10:04:11 AM



Abundance Ion 96.95 (96.65 to 97.65): VV013320.D (-1087) (-)

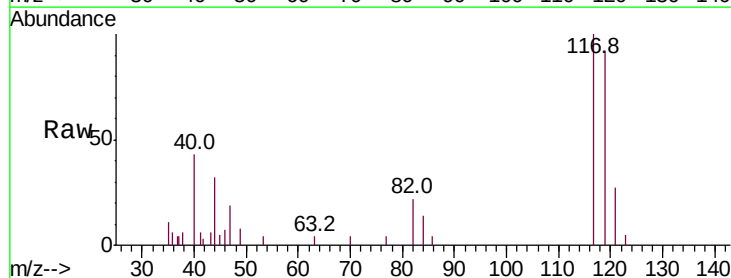
Ion 99.05 (98.75 to 99.75): VV013320.D (-1087) (-)

Ion 61.05 (60.75 to 61.75): VV013320.D (-1087) (-)



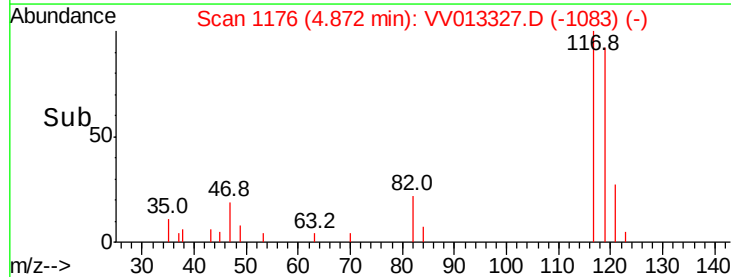
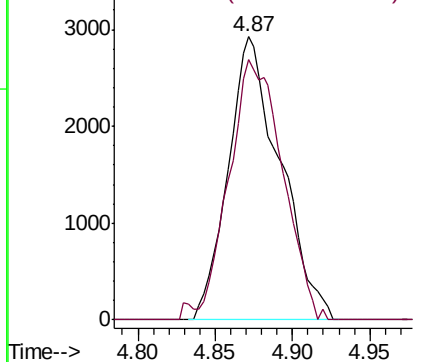
#31
 Carbon tetrachloride
 Concen: 0.108 ug/L
 RT: 4.87 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: VV013327.D
 Acq: 24 Oct 2019 20:57

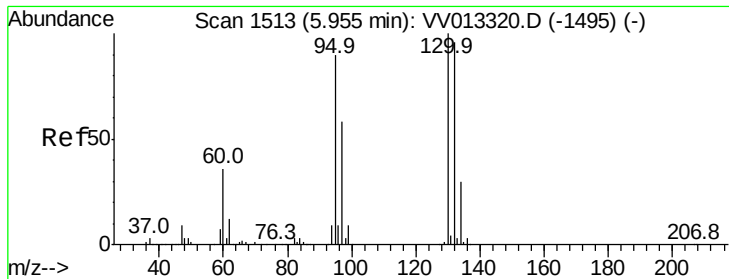
Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.4	116.0



Abundance Ion 116.90 (116.60 to 117.60): VV013320.D (-1155) (-)

Ion 118.90 (118.60 to 119.60): VV013320.D (-1155) (-)





#34

Trichloroethene

Concen: 4.798 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

Instrument :

MSVOA_V

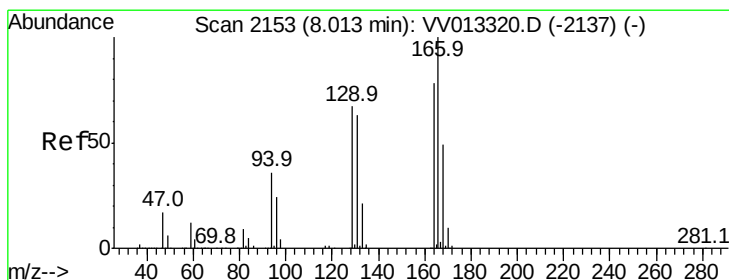
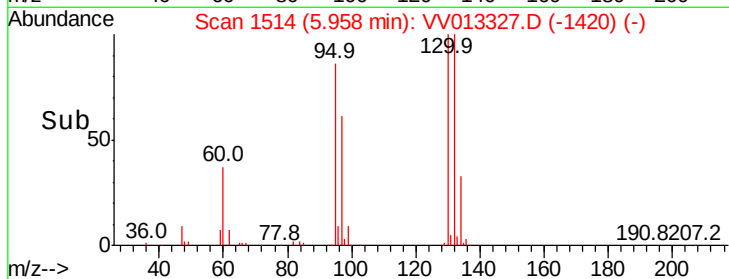
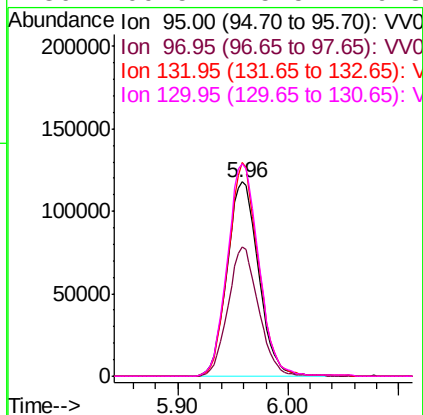
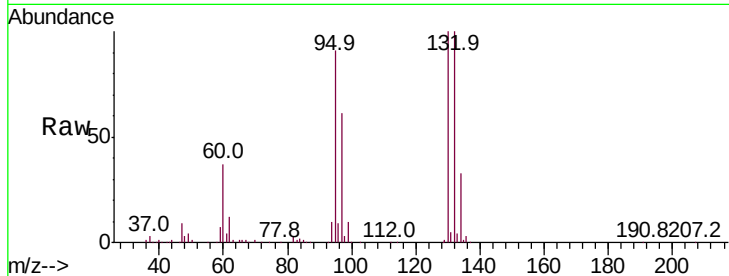
ClientSampleId :

C0K15

Tot Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.2	84.0
132	109.8	70.6	131.2
130	109.5	75.5	140.3

Manual Integrations
APPROVED

MMDadoda
10/26/2019 10:04:11 AM



#47

Tetrachloroethene

Concen: 2.312 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013327.D

Acq: 24 Oct 2019 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
129	83.5	61.0	113.2
131	79.6	57.5	106.9
166	126.9	87.8	163.0

