

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010563.D
 Acq On : 29 Apr 2019 22:19
 Operator : SY/MD
 Sample : K2590-02
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X80

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:03:03 PM

Quant Time: Apr 30 08:29:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	240102	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48398	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.57	69	35096	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	68652	3.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.40%
20) 2-Butanone-d5	3.94	46	132100	43.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.72%
24) Chloroform-d	4.40	84	141553	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	5.08	65	68810	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.10	84	282434	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.14	67	84997	4.98	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.36	98	268629	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.67	79	31425	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.13	63	128264	46.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	57396	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	109759	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.76	101	3827756	146.108	ug/L	97
13) Acetone	2.19	43	3586	2.390	ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	11303	0.682	ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	76183	4.261	ug/L	87
29) 1,1,1-Trichloroethane	4.66	97	7440	0.262	ug/L	92
31) Carbon tetrachloride	4.87	117	153710	5.653	ug/L	98
34) Trichloroethene	5.97	95	49574116m	2711.902	ug/L	
45) 1,1,2-Trichloroethane	7.88	97	10097	0.822	ug/L	95
47) Tetrachloroethene	8.03	164	13320674	780.021	ug/L	96
51) Chlorobenzene	8.93	112	47104	0.973	ug/L	98

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

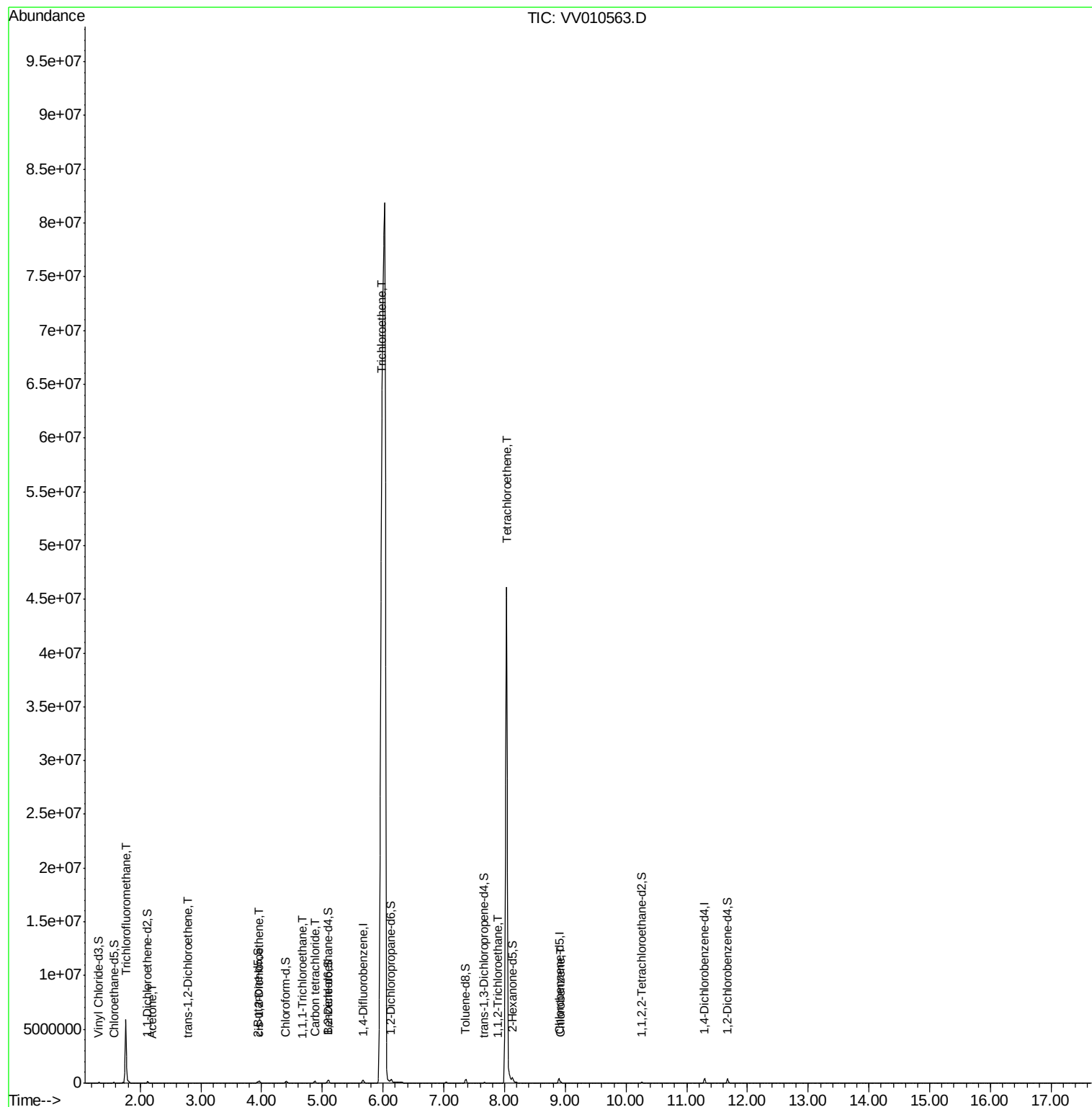
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV043019\
Data File : VV010563.D
Acq On : 29 Apr 2019 22:19
Operator : SY/MD
Sample : K2590-02
Misc : 25mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

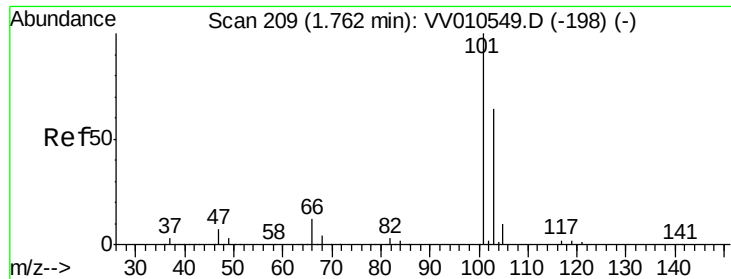
Instrument :
MSVOA_V
ClientSampleId :
C0X80

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration





#9

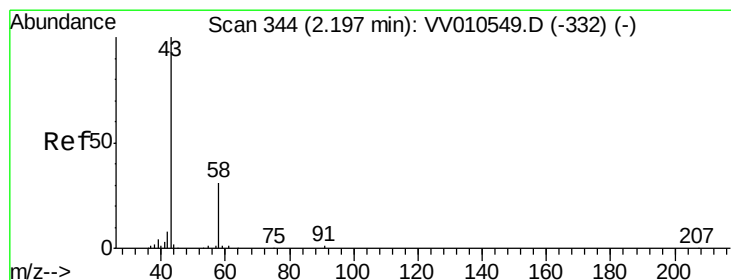
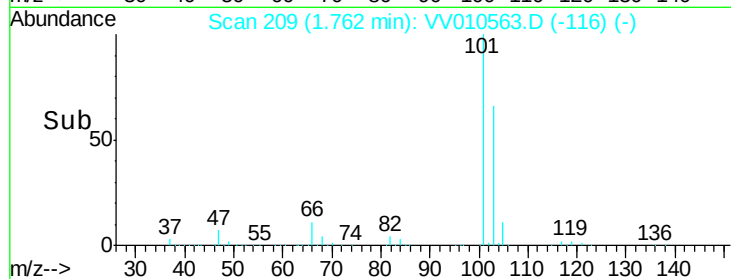
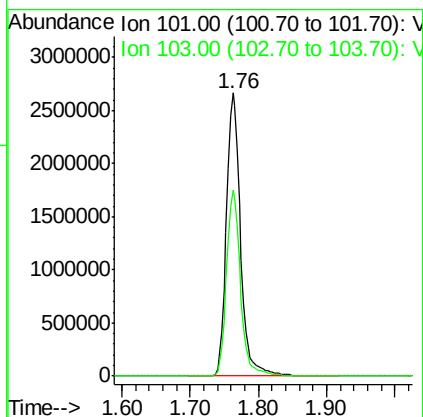
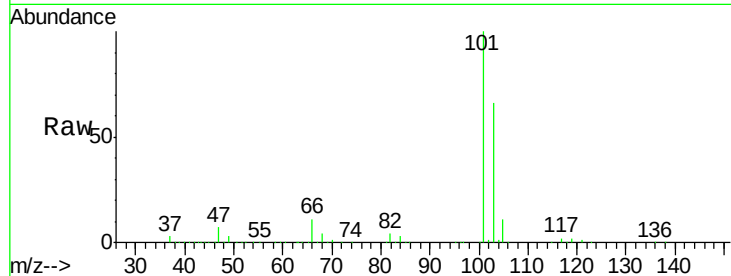
Trichlorofluoromethane
 Concen: 146.108 ug/L
 RT: 1.76 min Scan# 209
 Delta R.T. -0.00 min
 Lab File: VV010563.D
 Acq: 29 Apr 2019 22:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0X80

Tot Ion:101 Resp: 3827756
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.5 75.7

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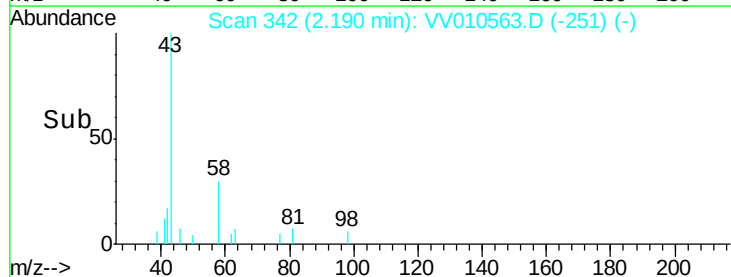
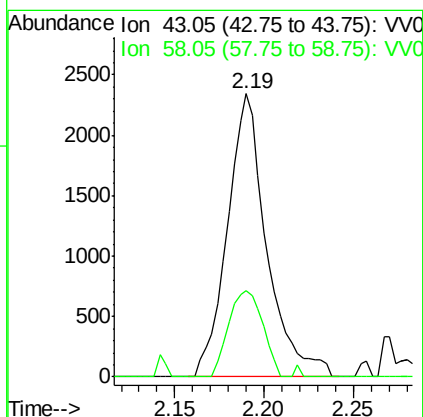
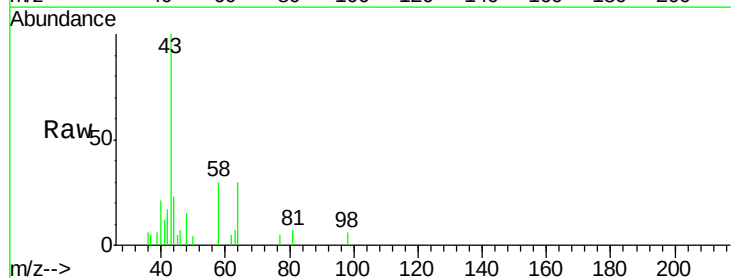
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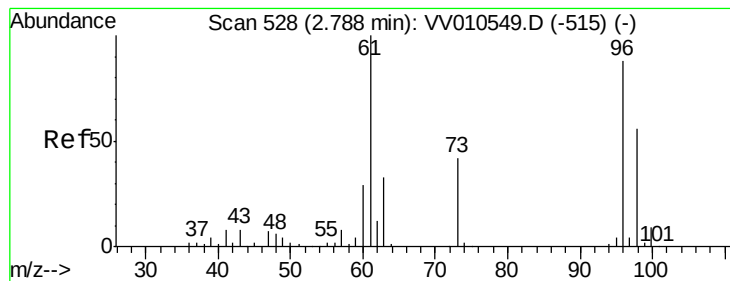


#13

Acetone
 Concen: 2.390 ug/L
 RT: 2.19 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VV010563.D
 Acq: 29 Apr 2019 22:19

Tgt Ion: 43 Resp: 3586
 Ion Ratio Lower Upper
 43 100
 58 26.5 0.0 57.4





#18

trans-1,2-Dichloroethene

Concen: 0.682 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV010563.D

Acq: 29 Apr 2019 22:19

Instrument :

MSVOA_V

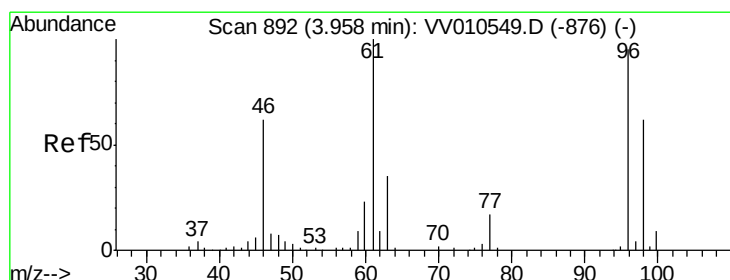
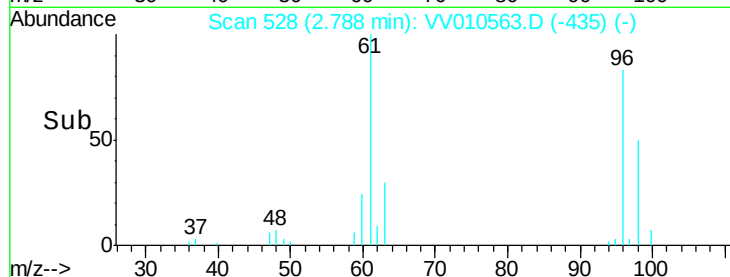
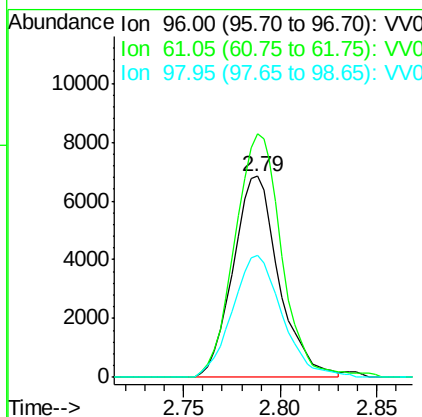
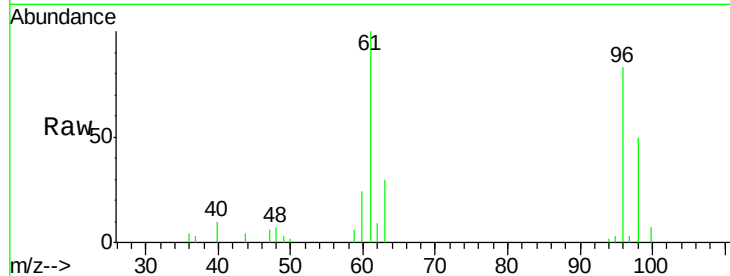
ClientSampled :

C0X80

Tot Ion:	96	Resp:	11303
Ion	Ratio	Lower	Upper
96	100		
61	120.9	80.2	148.9
98	60.8	43.3	80.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 4.261 ug/L

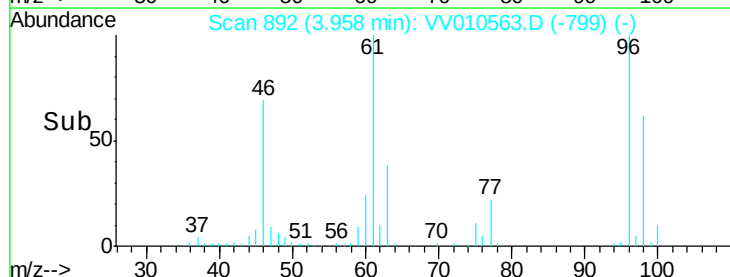
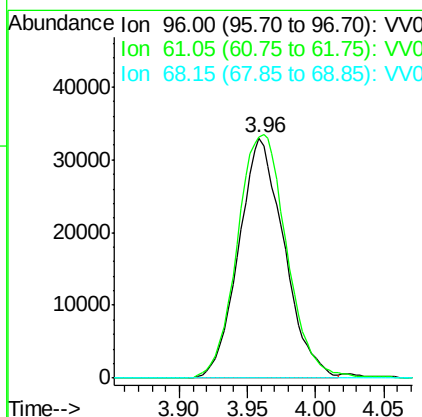
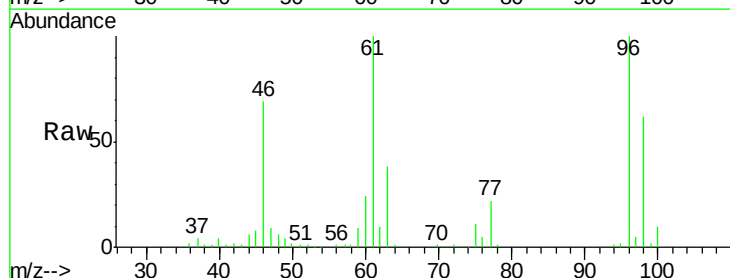
RT: 3.96 min Scan# 892

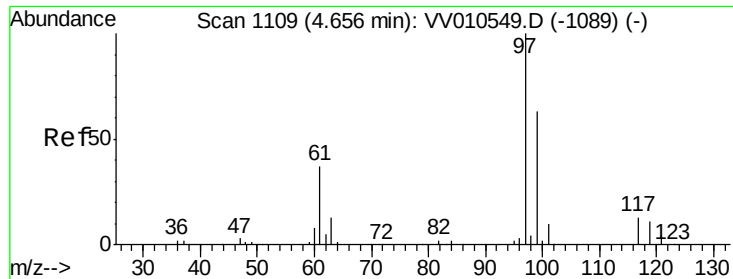
Delta R.T. -0.00 min

Lab File: VV010563.D

Acq: 29 Apr 2019 22:19

Tgt Ion:	96	Resp:	76183
Ion	Ratio	Lower	Upper
96	100		
61	100.2	79.9	148.3
68	0.0	0.0	0.0





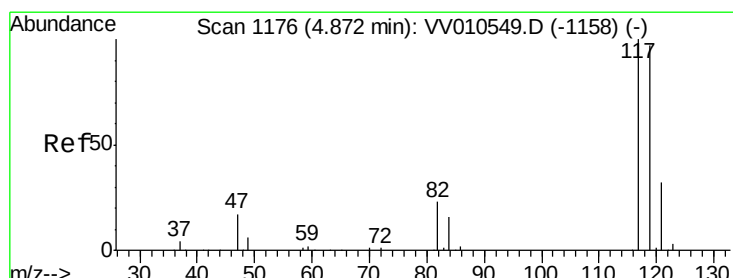
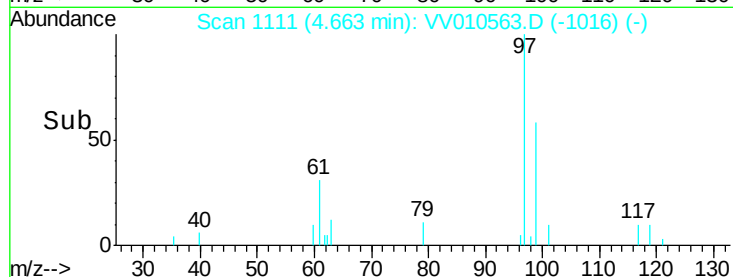
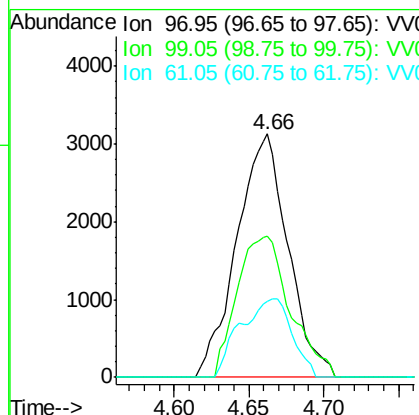
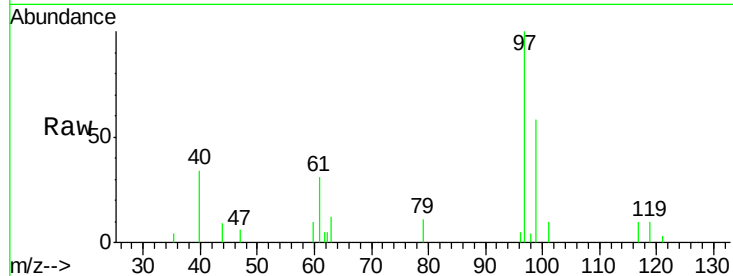
#29
 1,1,1-Trichloroethane
 Concen: 0.262 ug/L
 RT: 4.66 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: VV010563.D
 Acq: 29 Apr 2019 22:19

Instrument :
 MSVOA_V
 ClientSampled :
 C0X80

Tot Ion:	97	Resp:	7440
Ion	Ratio	Lower	Upper
97	100		
99	60.2	51.8	77.6
61	32.6	31.6	47.4

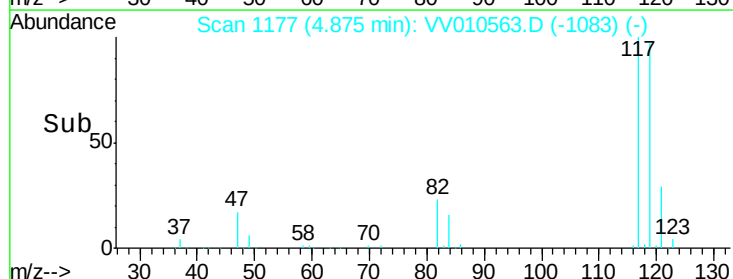
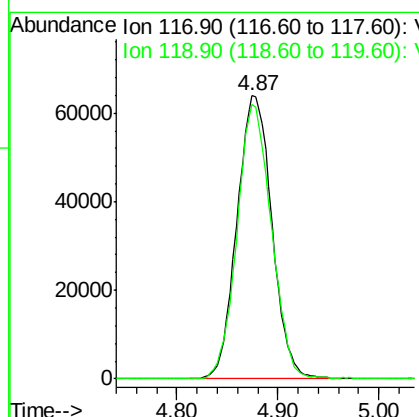
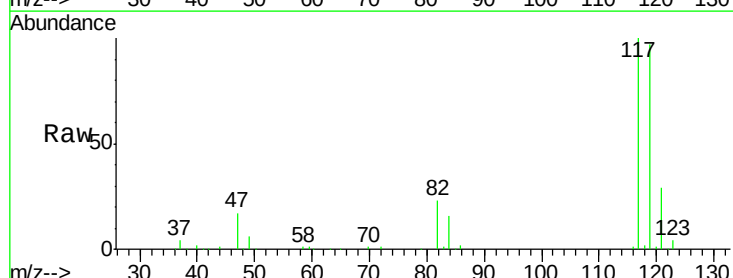
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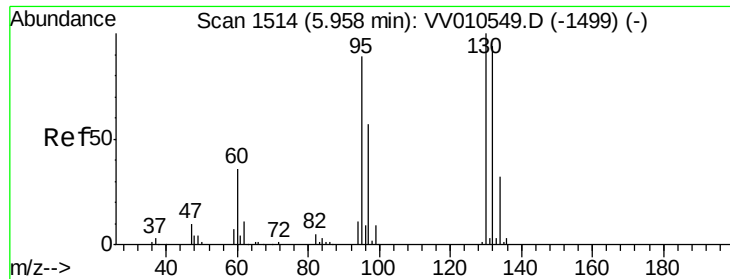
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 4/30/2019 12:03:03 PM



#31
 Carbon tetrachloride
 Concen: 5.653 ug/L
 RT: 4.87 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: VV010563.D
 Acq: 29 Apr 2019 22:19

Tgt Ion:	117	Resp:	153710
Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.8	116.6





#34

Trichloroethene

Concen: 2711.902 ug/L m

RT: 5.97 min Scan# 1518

Delta R.T. 0.01 min

Lab File: VV010563.D

Acq: 29 Apr 2019 22:19

Instrument :

MSVOA_V

ClientSampleId :

C0X80

Tot Ion: 95 Resp: 49574116

Ion Ratio Lower Upper

95 100

97 72.9 43.3 80.5

132 100.0 74.1 137.5

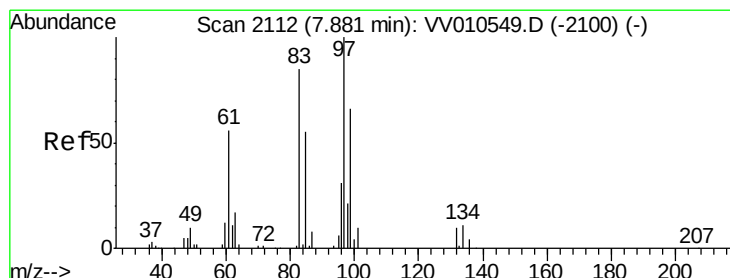
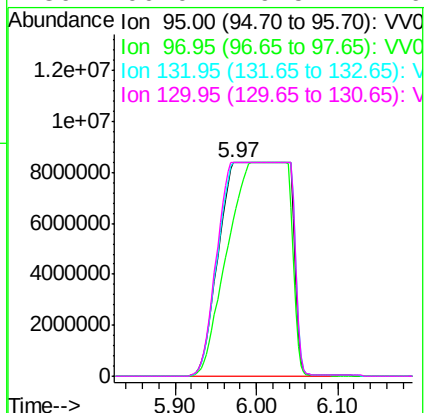
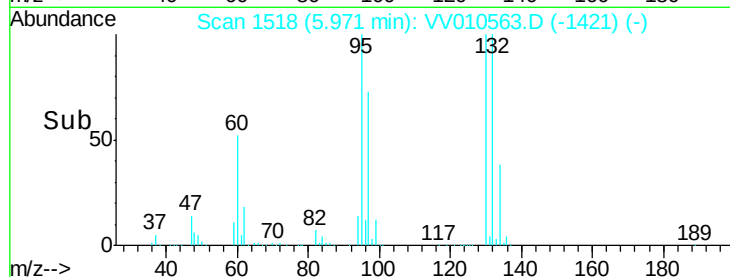
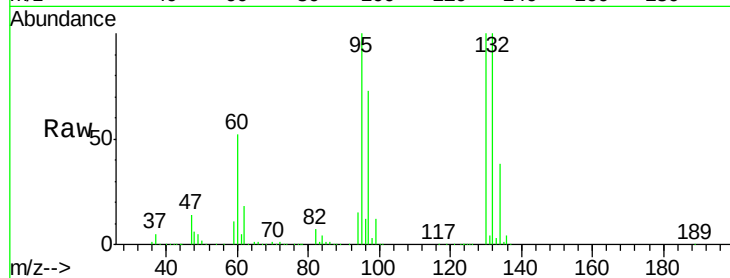
130 100.0 79.5 147.6

Manual Integrations

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#45

1,1,2-Trichloroethane

Concen: 0.822 ug/L

RT: 7.88 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VV010563.D

Acq: 29 Apr 2019 22:19

Tgt Ion: 97 Resp: 10097

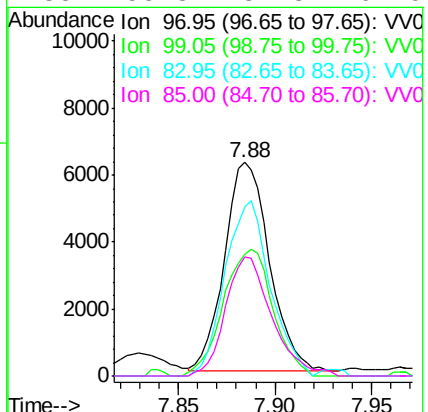
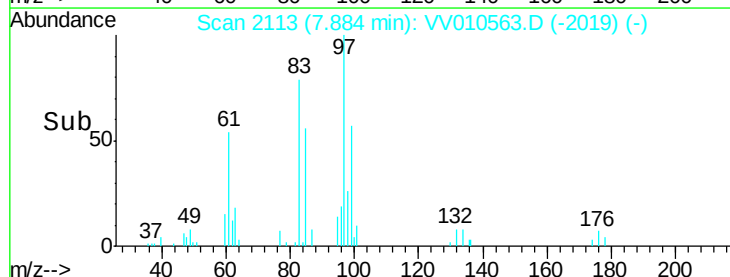
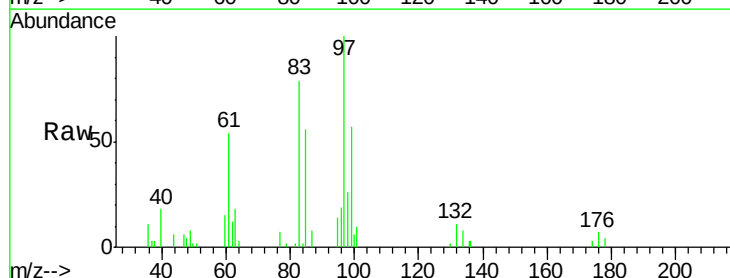
Ion Ratio Lower Upper

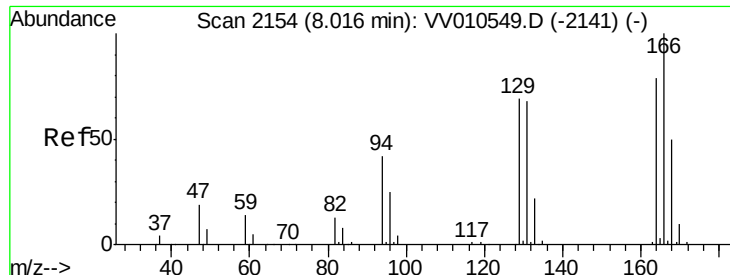
97 100

99 56.7 39.5 73.4

83 79.2 57.7 107.3

85 55.8 32.8 61.0





#47

Tetrachloroethene

Concen: 780.021 ug/L

RT: 8.03 min Scan# 2159

Delta R.T. 0.02 min

Lab File: VV010563.D

Acq: 29 Apr 2019 22:19

Instrument :

MSVOA_V

ClientSampled :

C0X80

Tot Ion:164 Resp:13320674

Ion Ratio Lower Upper

164 100

129 94.4 62.2 115.4

131 92.5 61.5 114.1

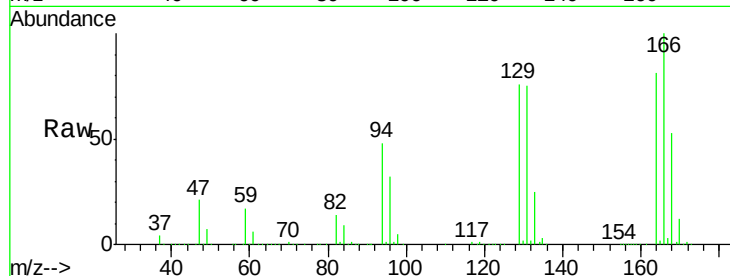
166 124.0 89.1 165.5

Manual Integrations

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4/30/2019 12:03:03 PM

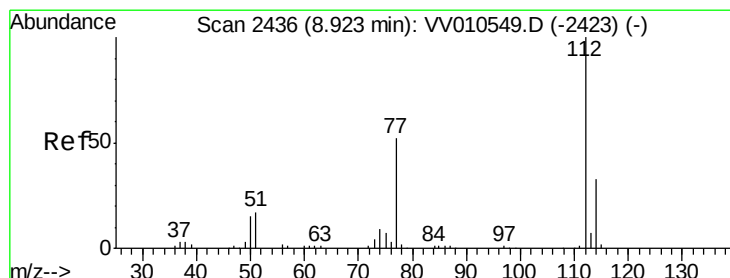
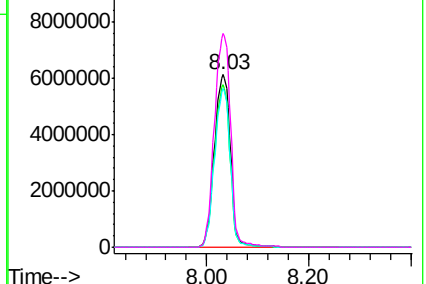
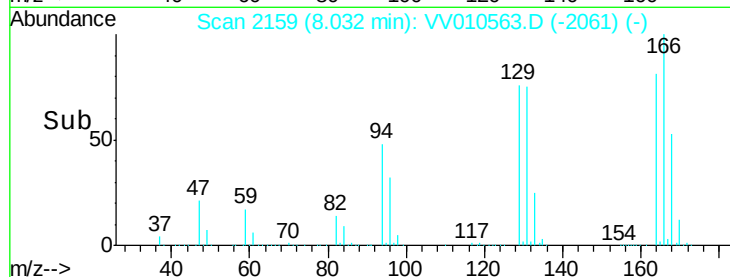


Abundance Ion 163.90 (163.60 to 164.60): V

1.2e+07 Ion 128.95 (128.65 to 129.65): V

1e+07 Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#51

Chlorobenzene

Concen: 0.973 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.00 min

Lab File: VV010563.D

Acq: 29 Apr 2019 22:19

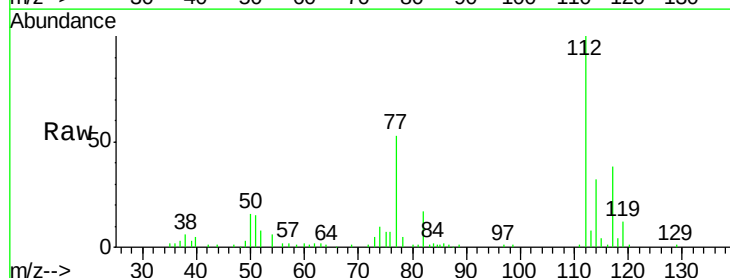
Tgt Ion:112 Resp: 47104

Ion Ratio Lower Upper

112 100

114 32.4 22.7 42.3

77 53.3 41.0 61.6



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

