

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008599.D
 Acq On : 16 Nov 2018 22:57
 Operator : SY/MD
 Sample : J5988-03
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JF3

Manual Integrations
 APPROVED

MMDadoda
 11/17/2018 10:00:20 AM

Quant Time: Nov 17 05:41:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 04:38:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154634	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	138903	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60213	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34366	5.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.20%
7) Chloroethane-d5	1.59	69	27935	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.13	63	52418	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.96	46	127290	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	4.41	84	89700	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	48685	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	184179	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	58831	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	166696	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	20784	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.14	63	100695	49.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	39478	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	56165	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

					Qvalue
13) Acetone	2.21	43	3363	2.624 ug/L	98
19) 1,1-Dichloroethane	3.23	63	3163m	0.161 ug/L	
22) cis-1,2-Dichloroethene	3.97	96	44175	3.761 ug/L	96
25) Chloroform	4.44	83	4228	0.170 ug/L	98
31) Carbon tetrachloride	4.88	117	3867	0.259 ug/L	98
34) Trichloroethene	5.96	95	111425	9.573 ug/L	98
47) Tetrachloroethene	8.02	164	5209	0.618 ug/L	96

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

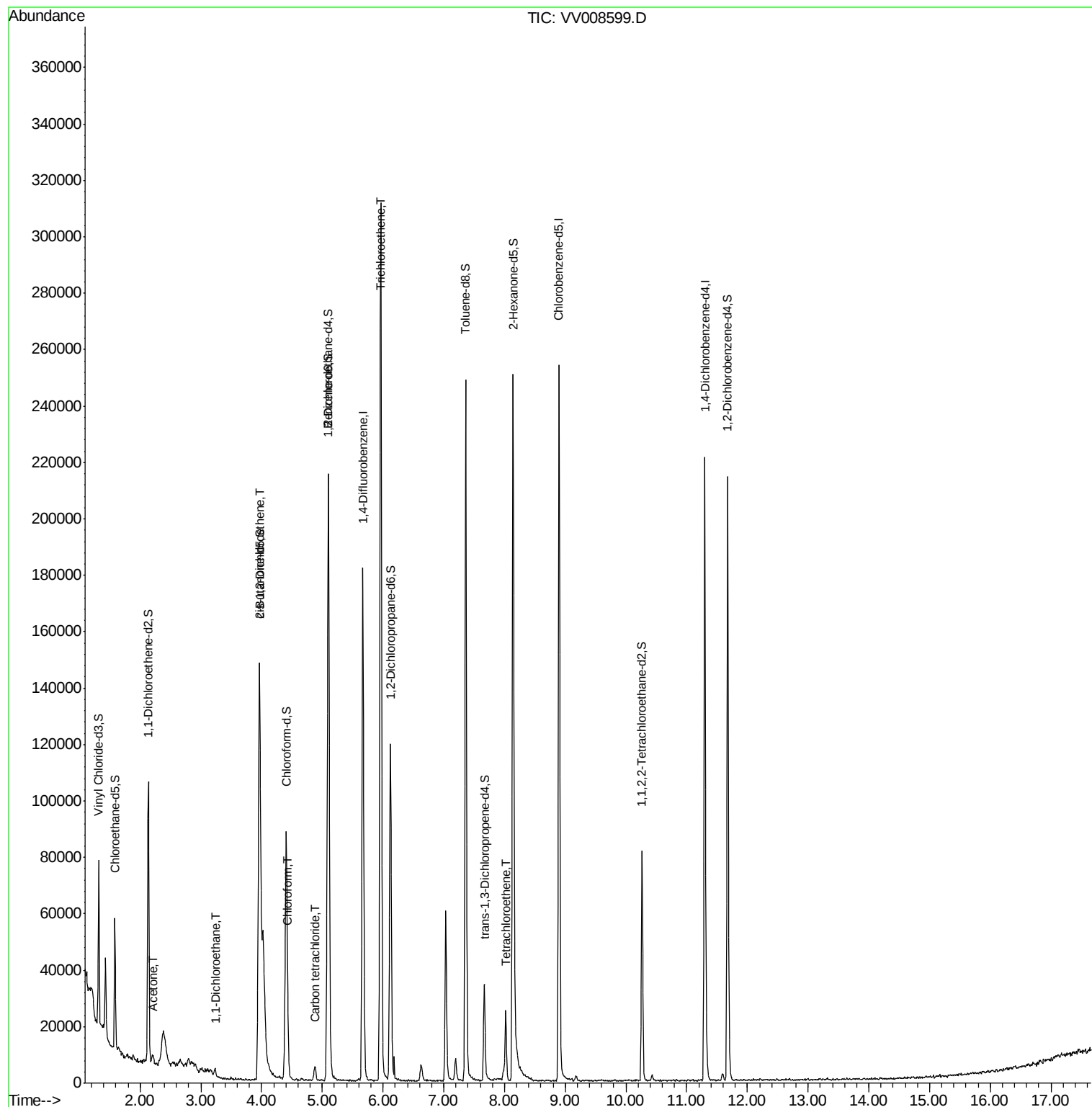
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
Data File : VV008599.D
Acq On : 16 Nov 2018 22:57
Operator : SY/MD
Sample : J5988-03
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

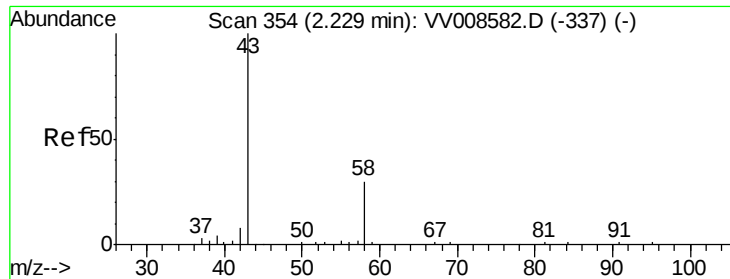
Instrument :
MSVOA_V
ClientSampleId :
C0JF3

Manual Integrations
APPROVED

MMDadoda
11/17/2018 10:00:20 AM

Quant Time: Nov 17 05:41:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 17 04:38:54 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.624 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.02 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Instrument :

MSVOA_V

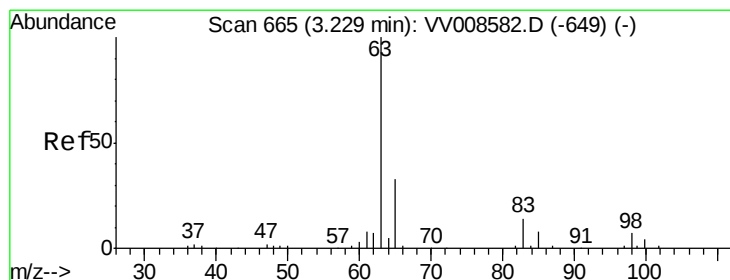
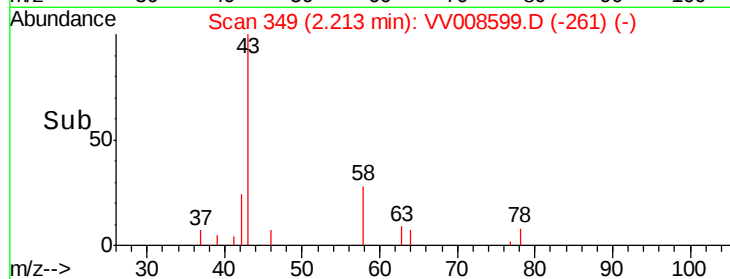
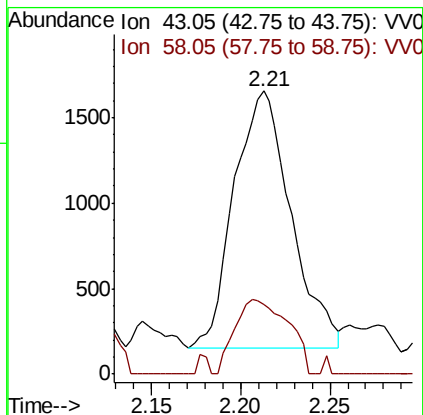
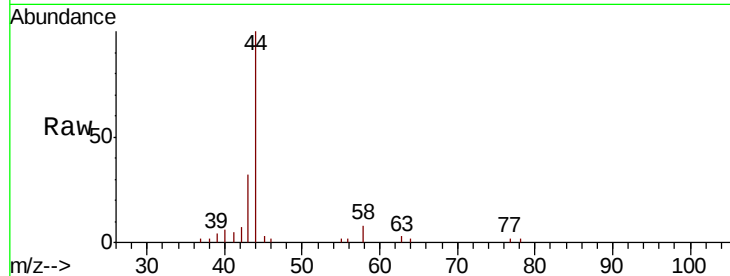
ClientSampleId :

C0JF3

Tgt Ion: 43 Resp: 3363
 Ion Ratio Lower Upper
 43 100
 58 27.0 0.0 56.4

Manual Integrations
 APPROVED

MMDadoda
 11/17/2018 10:00:20 AM



#19

1,1-Dichloroethane

Concen: 0.161 ug/L m

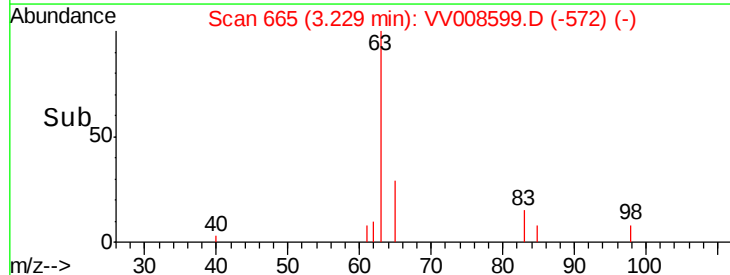
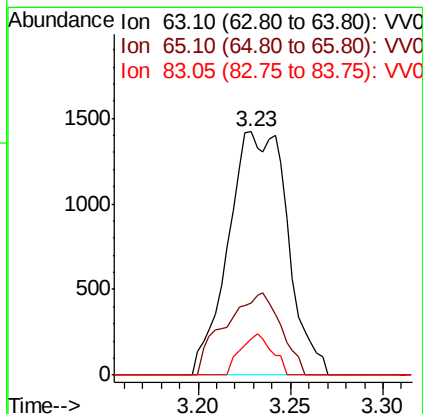
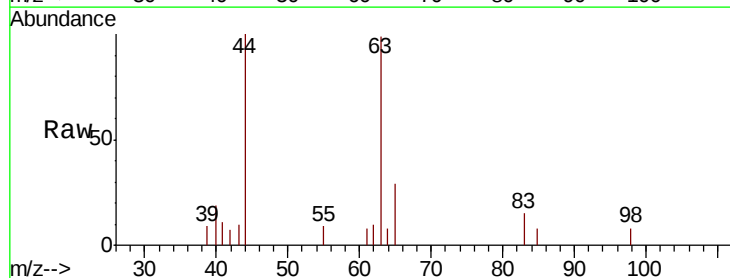
RT: 3.23 min Scan# 665

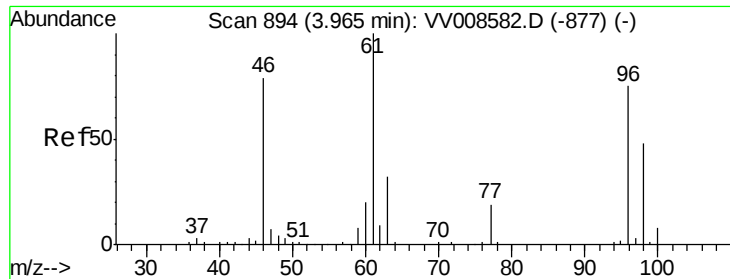
Delta R.T. 0.00 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Tgt Ion: 63 Resp: 3163
 Ion Ratio Lower Upper
 63 100
 65 29.5 23.2 43.0
 83 15.0 9.5 17.7





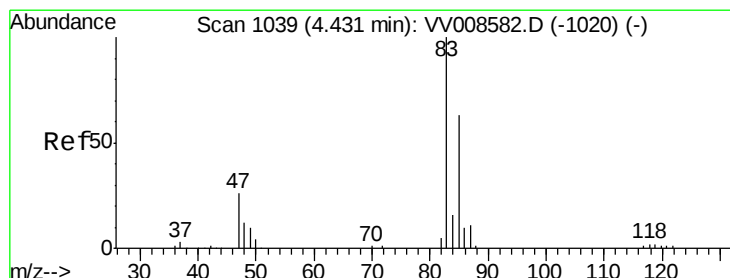
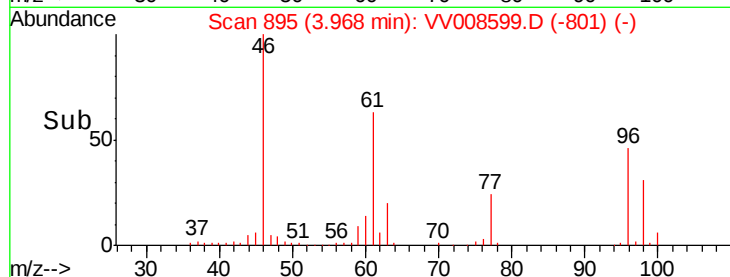
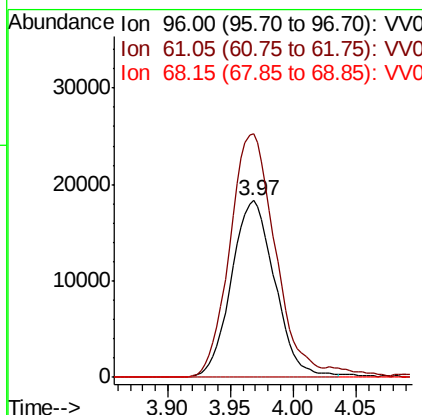
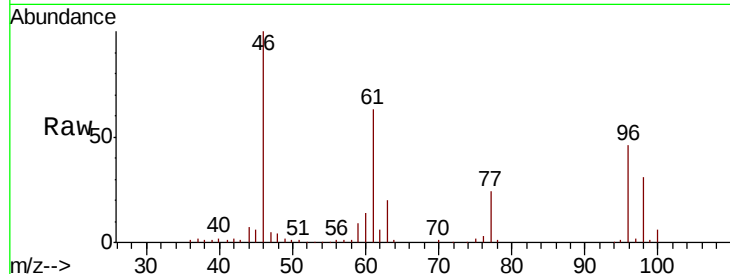
#22
 cis-1,2-Dichloroethene
 Concen: 3.761 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008599.D
 Acq: 16 Nov 2018 22:57

Instrument :
 MSVOA_V
 ClientSampled :
 C0JF3

Tgt Ion: 96 Resp: 44175
 Ion Ratio Lower Upper
 96 100
 61 137.7 93.2 173.2
 68 0.0 0.0 0.0

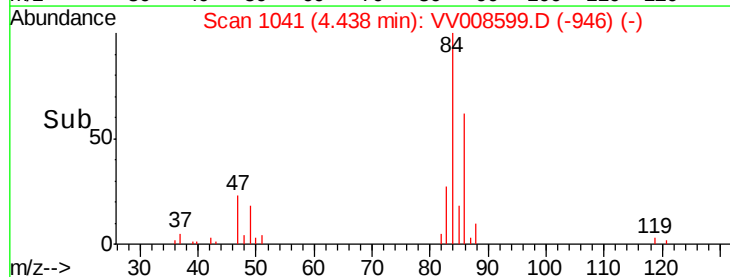
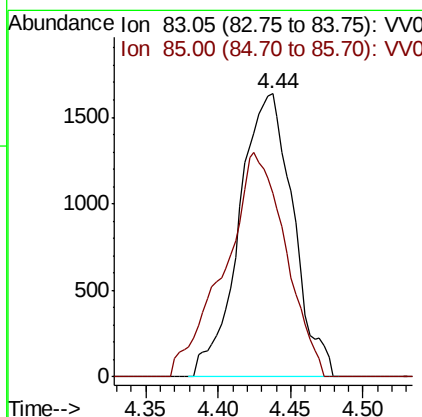
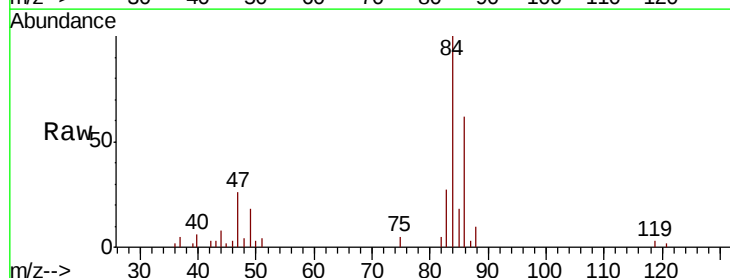
Manual Integrations
 APPROVED

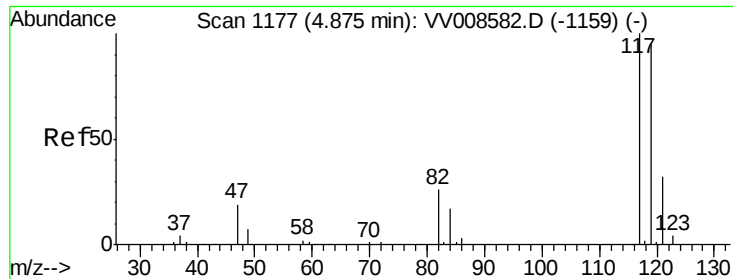
MMDadoda
 11/17/2018 10:00:20 AM



#25
 Chloroform
 Concen: 0.170 ug/L
 RT: 4.44 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: VV008599.D
 Acq: 16 Nov 2018 22:57

Tgt Ion: 83 Resp: 4228
 Ion Ratio Lower Upper
 83 100
 85 65.0 44.4 82.5





#31

Carbon tetrachloride

Concen: 0.259 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Instrument :

MSVOA_V

ClientSampleId :

C0JF3

Tgt Ion: 117 Resp: 3867

Ion Ratio Lower Upper

117 100

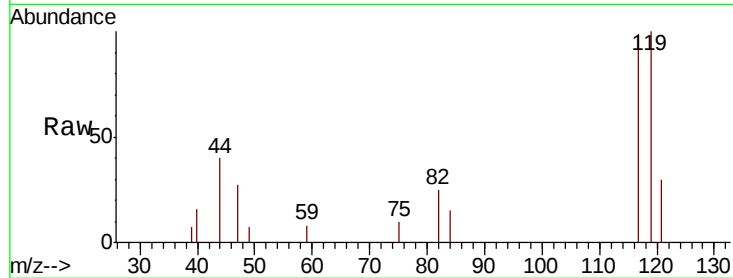
119 96.6 75.8 113.8

Manual Integrations

APPROVED

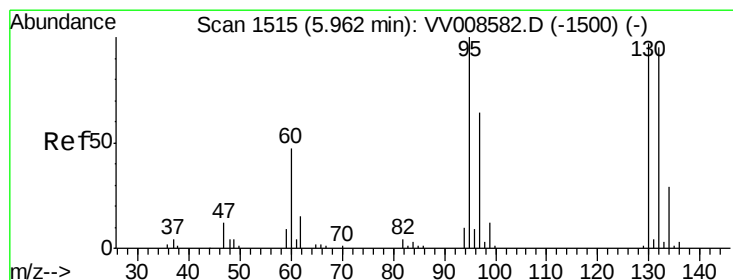
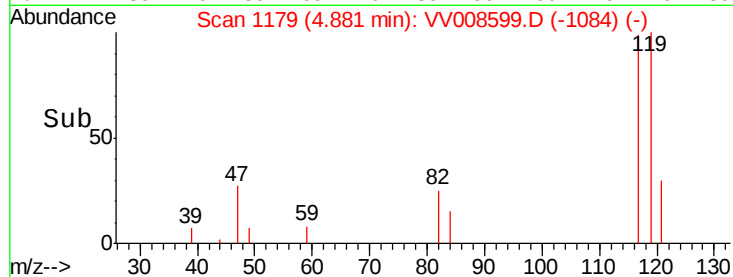
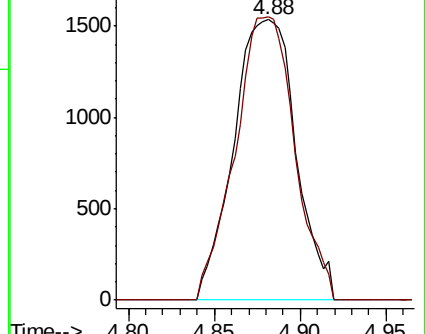
MMDadoda

11/17/2018 10:00:20 AM



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 9.573 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008599.D

Acq: 16 Nov 2018 22:57

Tgt Ion: 95 Resp: 111425

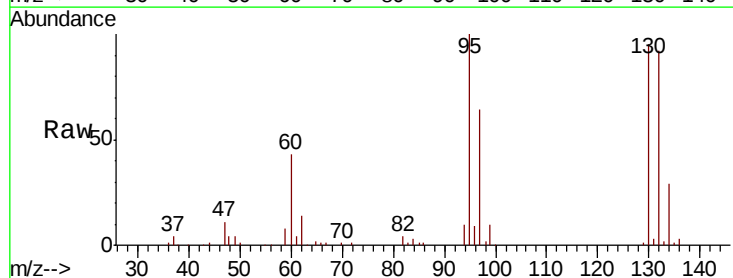
Ion Ratio Lower Upper

95 100

97 64.2 45.1 83.7

132 91.6 66.3 123.1

130 94.9 68.0 126.4

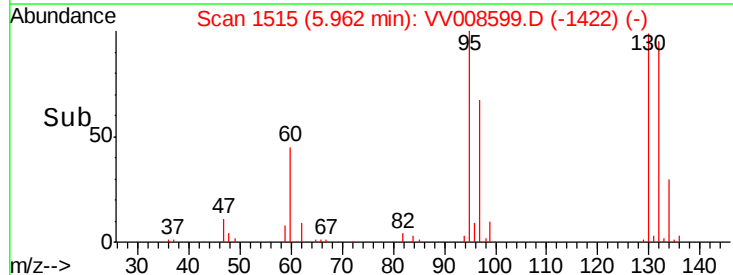
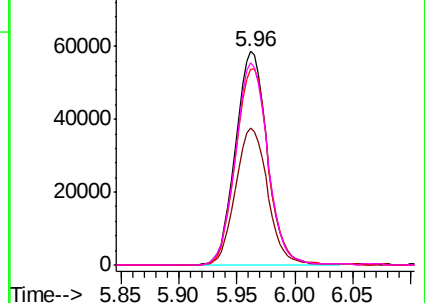


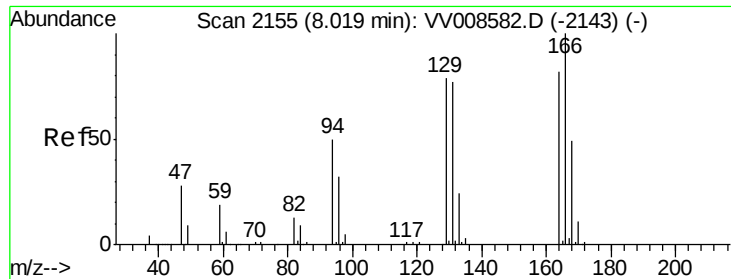
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





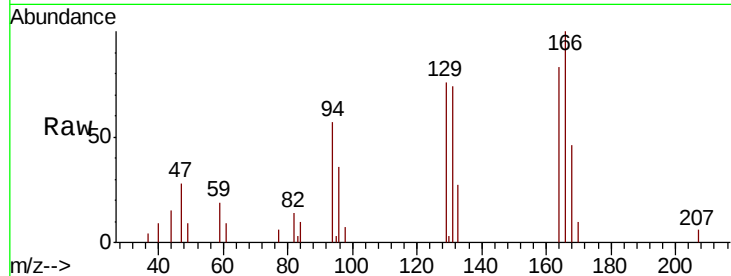
#47
Tetrachloroethene
Concen: 0.618 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VV008599.D
Acq: 16 Nov 2018 22:57

Instrument :
MSVOA_V
ClientSampleId :
C0JF3

Tgt Ion:	164	Resp:	5209
Ion	Ratio	Lower	Upper
164	100		
129	91.2	67.5	125.4
131	88.9	66.4	123.4
166	119.8	85.8	159.3

Manual Integrations
APPROVED

MMDadoda
11/17/2018 10:00:20 AM



Abundance

Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

