

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091518\
 Data File : VU026749.D
 Acq On : 14 Sep 2018 00:28
 Operator : MD/SY
 Sample : J4893-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K8

Manual Integrations
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MMDadoda
 9/19/2018 1:55:48 PM

Quant Time: Sep 14 04:36:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 14 01:21:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	183539	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	186897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.50	152	119428	50.00	ug/L	0.01

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	58216	42.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.12%
7) Chloroethane-d5	1.68	69	48898	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.74%
11) 1,1-Dichloroethene-d2	2.27	63	82751	33.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.62%
21) 2-Butanone-d5	4.18	46	82384	96.79	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.79%
24) Chloroform-d	4.65	84	97140	42.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.42%
26) 1,2-Dichloroethane-d4	5.31	65	64838	43.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.12%
32) Benzene-d6	5.35	84	203995	42.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.34%
36) 1,2-Dichloropropane-d6	6.33	67	67002	41.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.56%
41) Toluene-d8	7.57	98	184426	40.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.26%
43) trans-1,3-Dichloropropene-	7.85	79	29277	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
47) 2-Hexanone-d5	8.31	63	57498	86.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90349	40.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.30%
64) 1,2-Dichlorobenzene-d4	11.89	152	114957	48.28	ug/L	0.03
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.32	43	4624	4.770	ug/L	92
25) Chloroform	4.67	83	22185	9.925	ug/L	98
27) 1,2-Dichloroethane	5.40	62	86016	48.460	ug/L #	75
29) Cyclohexane	5.00	56	2620	1.280	ug/L	99
31) Carbon tetrachloride	5.14	117	14932	8.344	ug/L	99
33) Benzene	5.40	78	10080966	1926.129	ug/L	100
35) Methylcyclohexane	6.42	83	2229	1.070	ug/L	91
51) Chlorobenzene	9.13	112	17024677m	4779.717	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	2193677	639.709	ug/L	98
63) 1,4-Dichlorobenzene	11.52	146	20236751m	5570.681	ug/L	
65) 1,2-Dichlorobenzene	11.89	146	30202223m	8333.473	ug/L	
68) 1,2,4-trichlorobenzene	13.51	180	3814434	1613.423	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	835962	326.430	ug/L	99

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

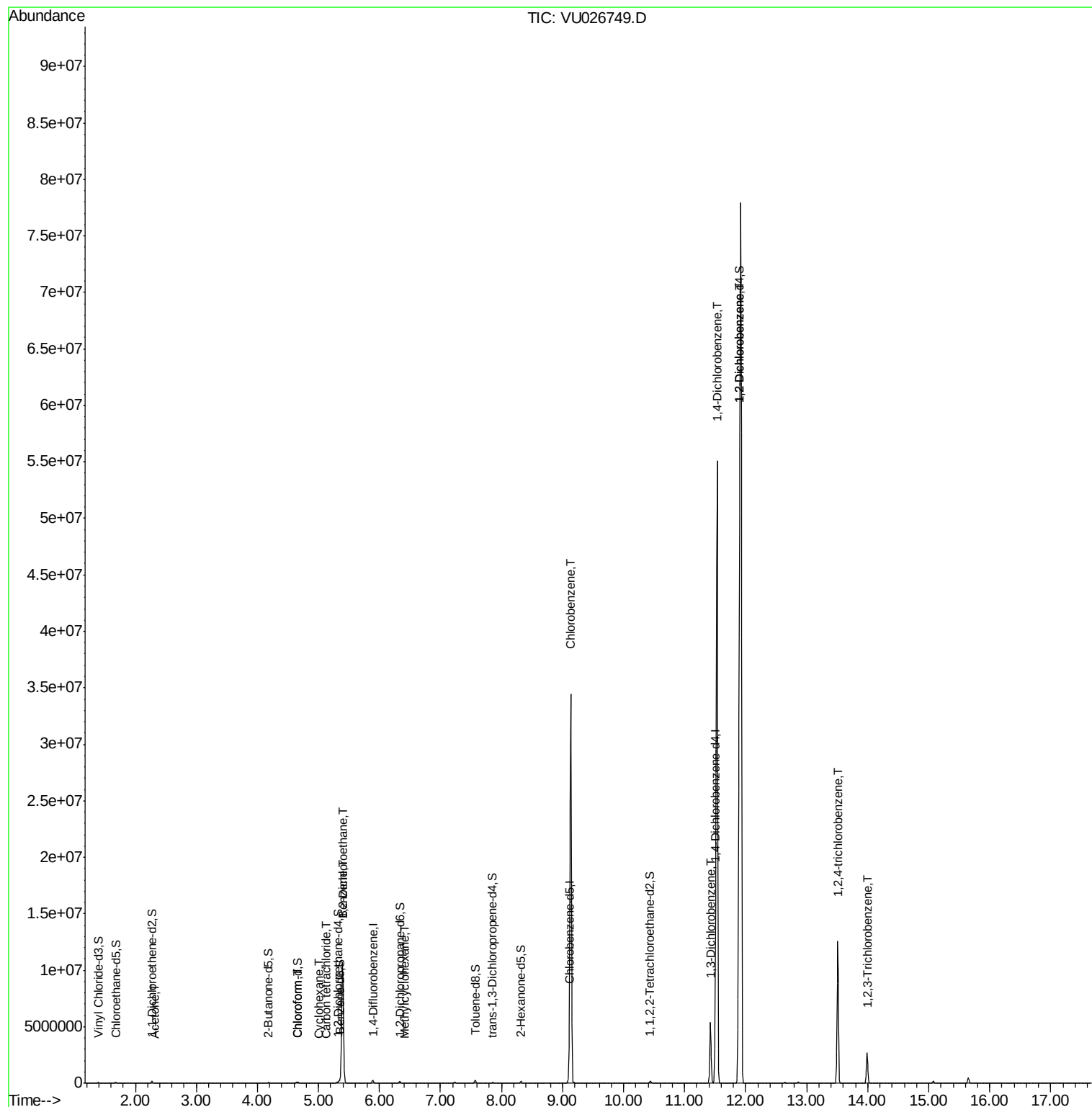
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU091518\
Data File : VU026749.D
Acq On : 14 Sep 2018 00:28
Operator : MD/SY
Sample : J4893-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 24 Sample Multiplier: 1

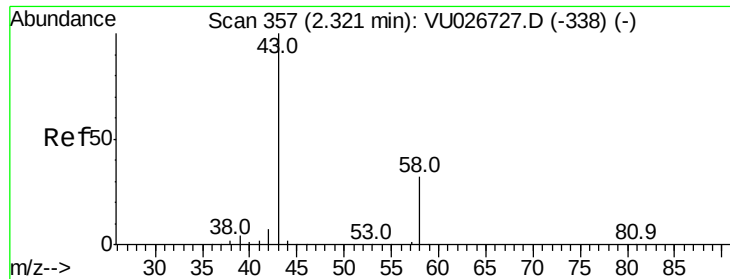
Instrument :
MSVOA_U
ClientSampleId :
C08K8

Manual Integrations
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Quant Time: Sep 14 04:36:57 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration





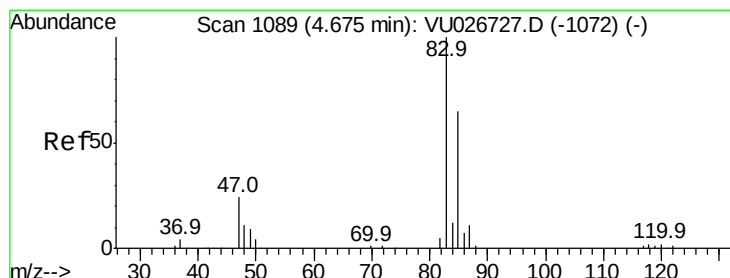
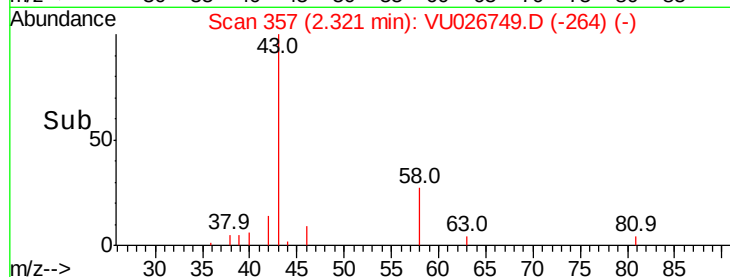
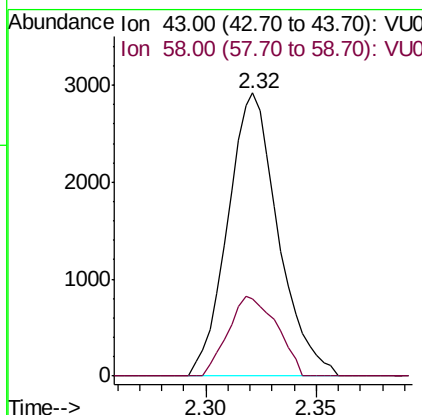
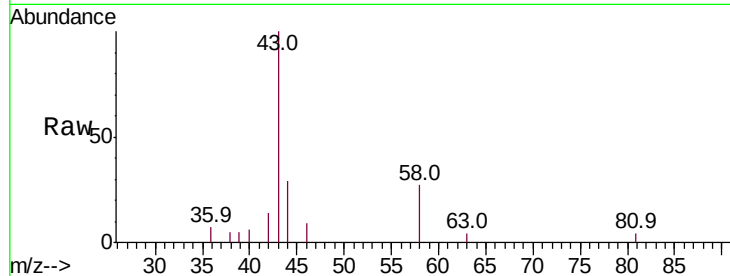
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Acetone
Concen: 4.770 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026749.D
Acq: 14 Sep 2018 00:28

Instrument :
MSVOA_U
ClientSampled :
C08K8

Tot Ion: 43 Resp: 4624
Ion Ratio Lower Upper
43 100
58 27.2 0.0 62.8

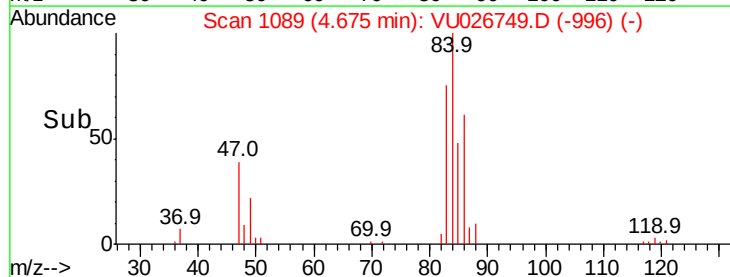
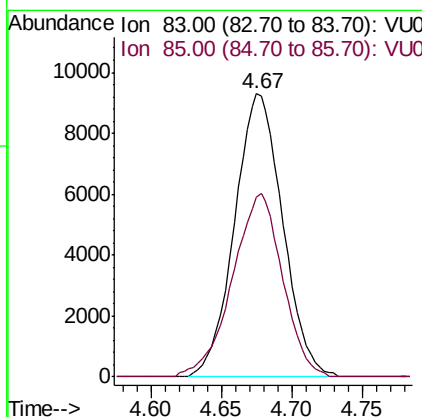
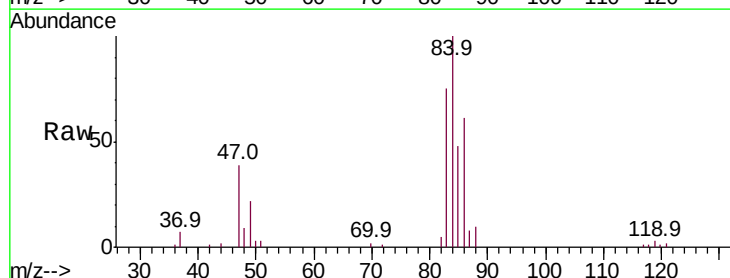
Manual Integrations
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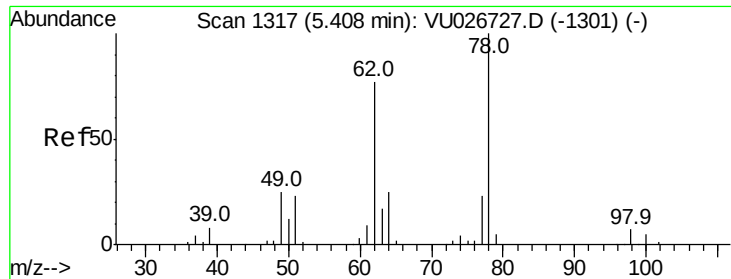
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#25
Chloroform
Concen: 9.925 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026749.D
Acq: 14 Sep 2018 00:28

Tgt Ion: 83 Resp: 22185
Ion Ratio Lower Upper
83 100
85 63.3 45.6 84.6





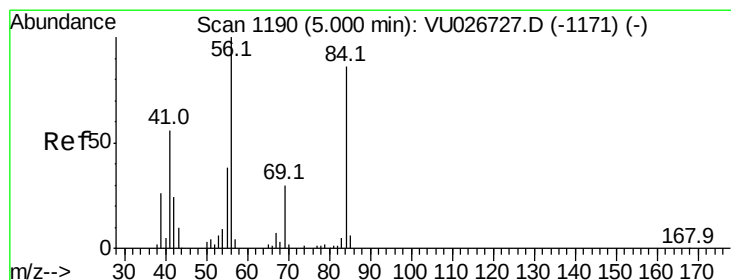
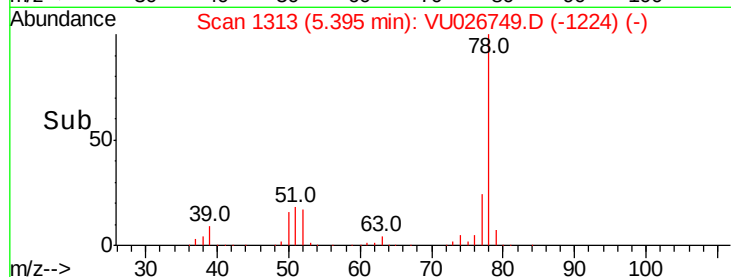
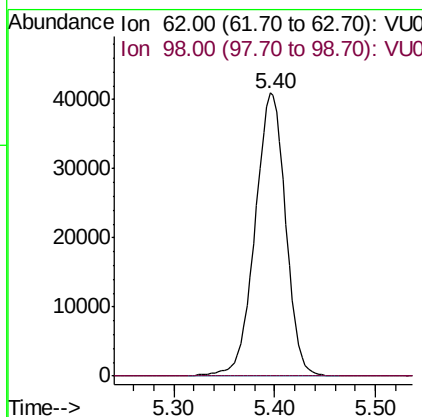
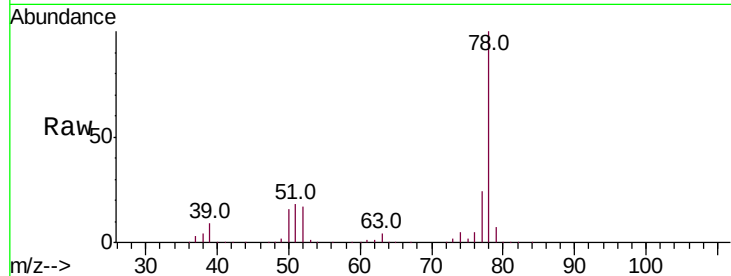
#27
 1,2-Dichloroethane
 Concen: 48.460 ug/L
 RT: 5.40 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: VU026749.D
 Acq: 14 Sep 2018 00:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K8

Tot Ion	Ratio	Resp	Lower	Upper
62	100	86016		
98	0.0	7.4	11.0#	

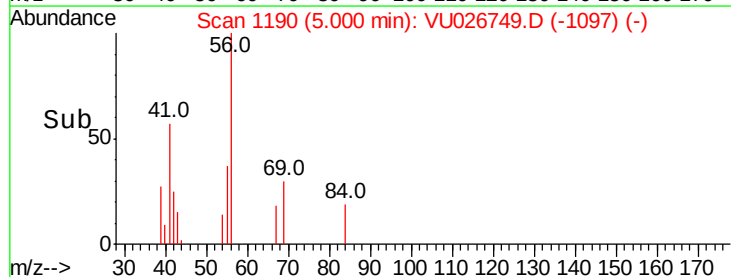
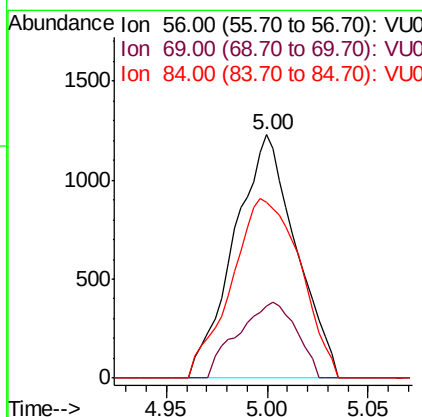
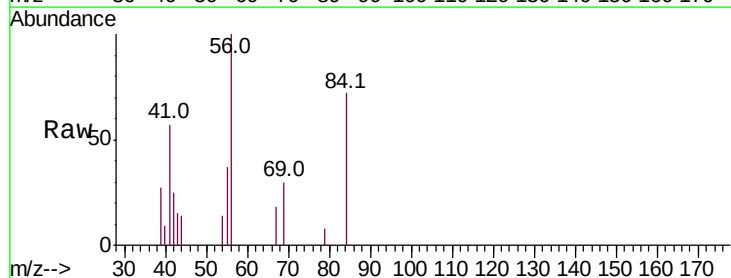
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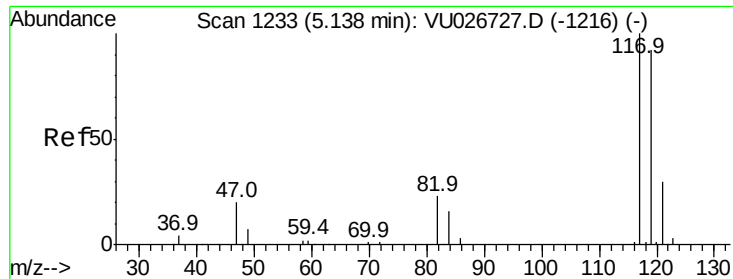
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#29
 Cyclohexane
 Concen: 1.280 ug/L
 RT: 5.00 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: VU026749.D
 Acq: 14 Sep 2018 00:28

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	2620		
69	29.7	23.0	34.6	
84	82.1	66.5	99.7	





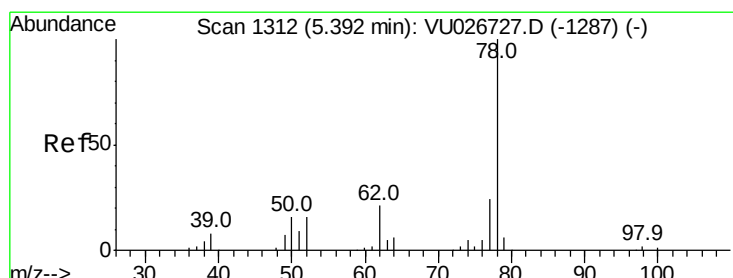
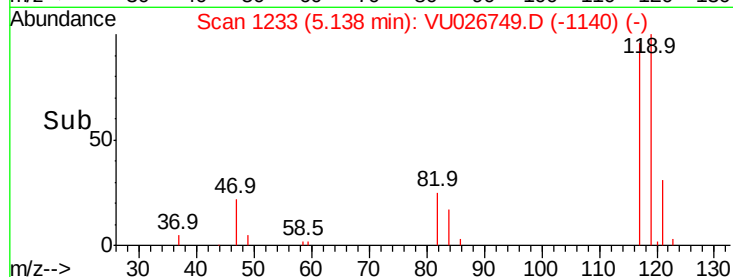
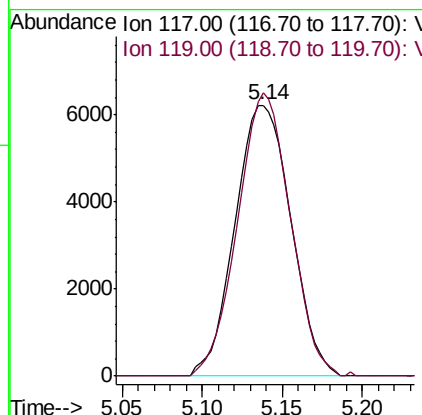
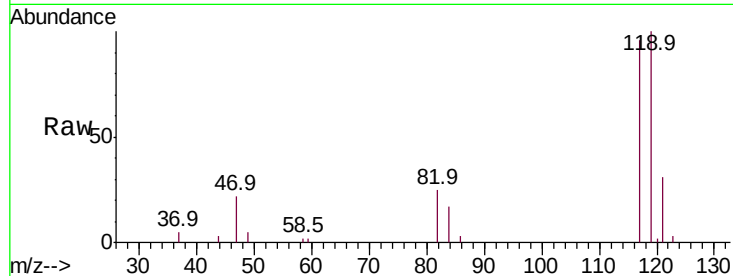
#31
Carbon tetrachloride
Concen: 8.344 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU026749.D
Acq: 14 Sep 2018 00:28

Instrument :
MSVOA_U
ClientSampleId :
C08K8

Tot Ion:117 Resp: 14932
Ion Ratio Lower Upper
117 100
119 98.2 77.6 116.4

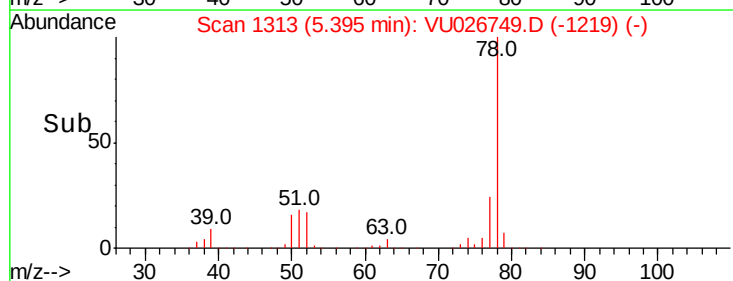
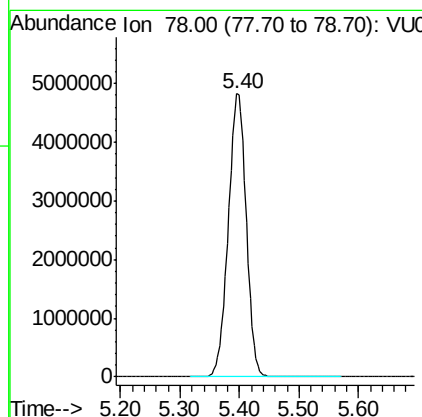
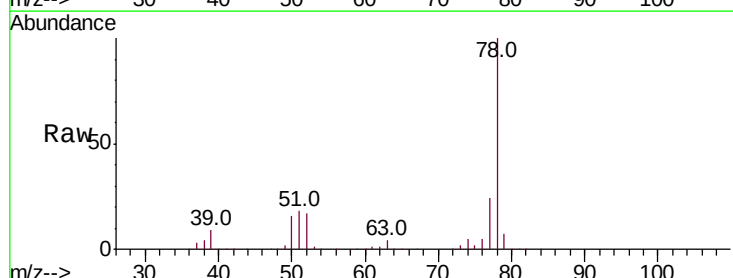
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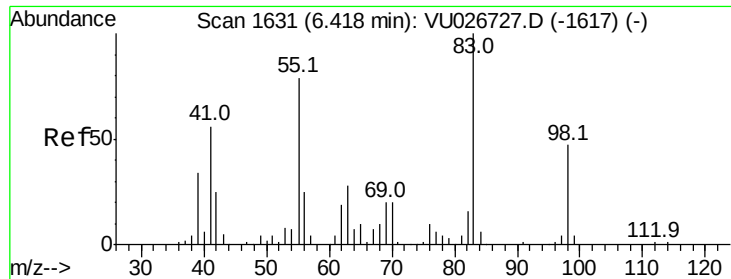
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#33
Benzene
Concen: 1926.129 ug/L
RT: 5.40 min Scan# 1313
Delta R.T. 0.00 min
Lab File: VU026749.D
Acq: 14 Sep 2018 00:28

Tgt Ion: 78 Resp:10080966





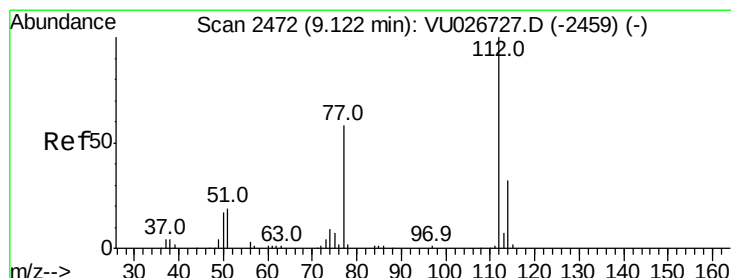
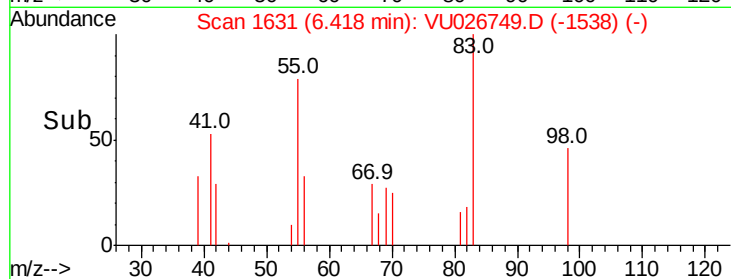
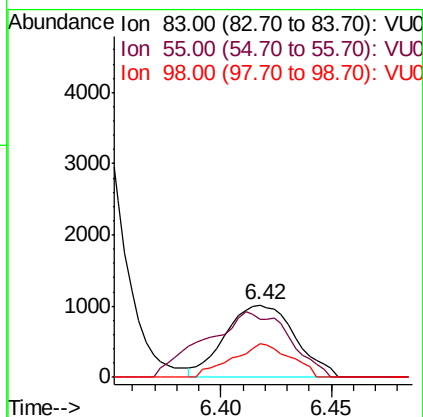
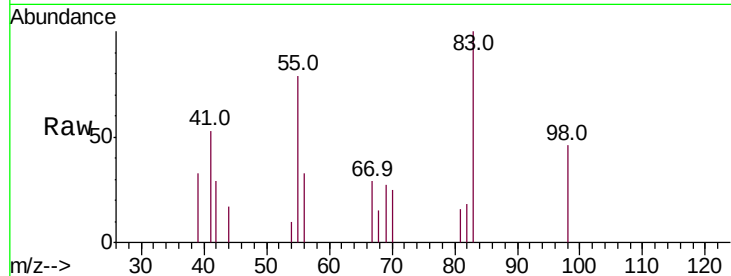
#35
Methylvlcyclohexane
Concen: 1.070 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU026749.D
Acq: 14 Sep 2018 00:28

Instrument :
MSVOA_U
ClientSampleId :
C08K8

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.9	62.9	94.3
98	38.9	37.0	55.4

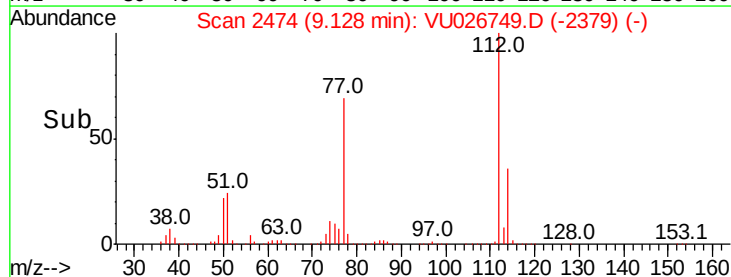
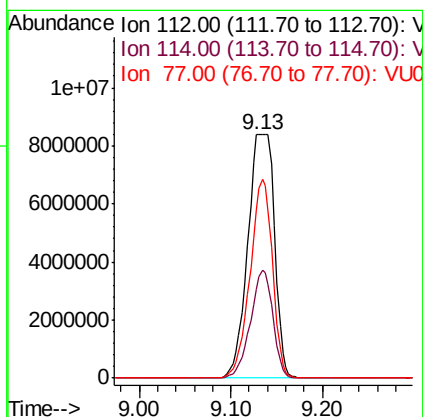
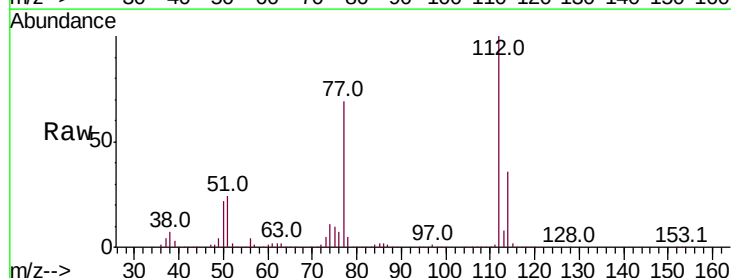
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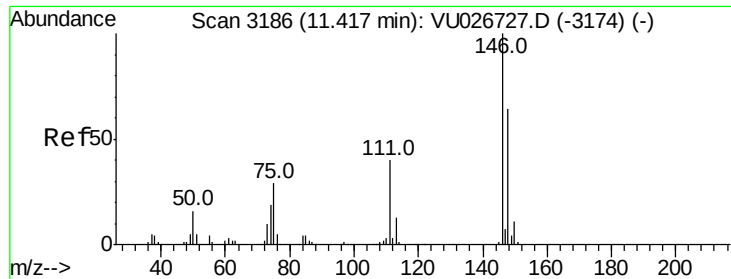
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#51
Chlorobenzene
Concen: 4779.717 ug/L m
RT: 9.13 min Scan# 2474
Delta R.T. 0.01 min
Lab File: VU026749.D
Acq: 14 Sep 2018 00:28

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.4	22.9	42.5
77	68.9	47.2	70.8





#62

1,3-Dichlorobenzene

Concen: 639.709 ug/L

RT: 11.42 min Scan# 3188

Delta R.T. 0.01 min

Lab File: VU026749.D

Acq: 14 Sep 2018 00:28

Instrument :

MSVOA_U

ClientSampled :

C08K8

Tot Ion:146 Resp: 2193677

Ion Ratio Lower Upper

146 100

111 39.8 26.7 49.5

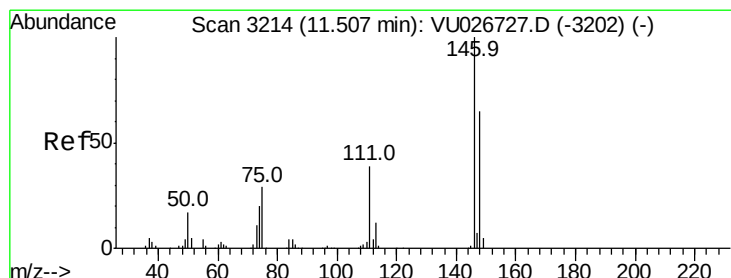
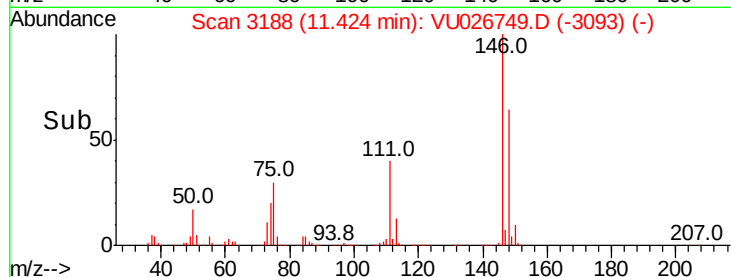
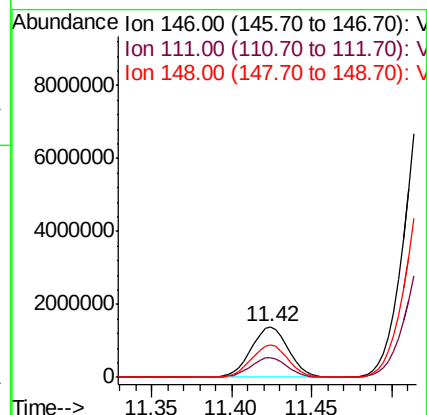
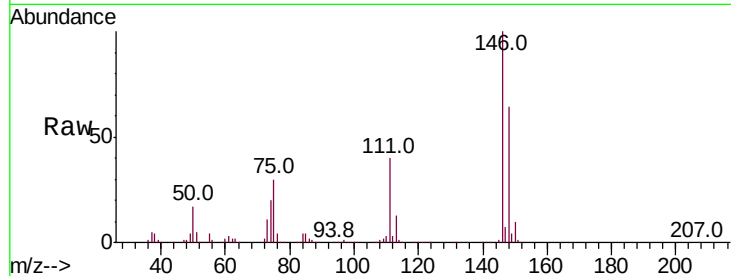
148 64.3 44.2 82.2

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#63

1,4-Dichlorobenzene

Concen: 5570.681 ug/L m

RT: 11.52 min Scan# 3218

Delta R.T. 0.01 min

Lab File: VU026749.D

Acq: 14 Sep 2018 00:28

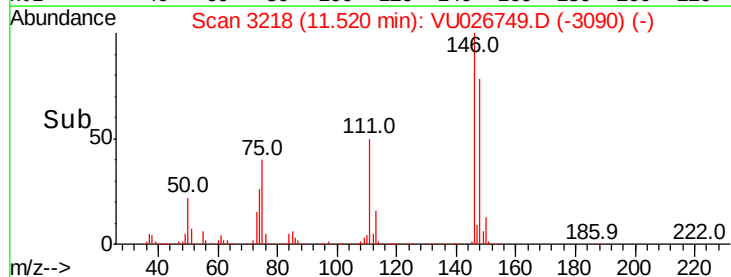
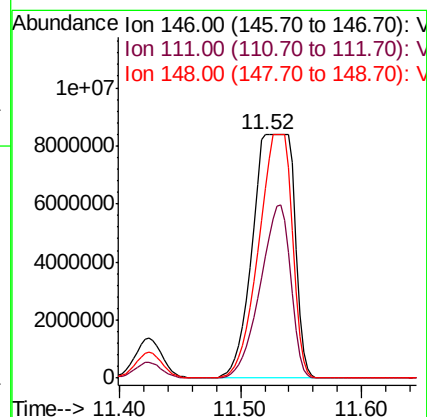
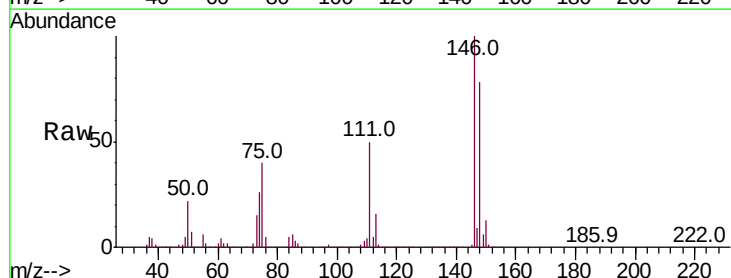
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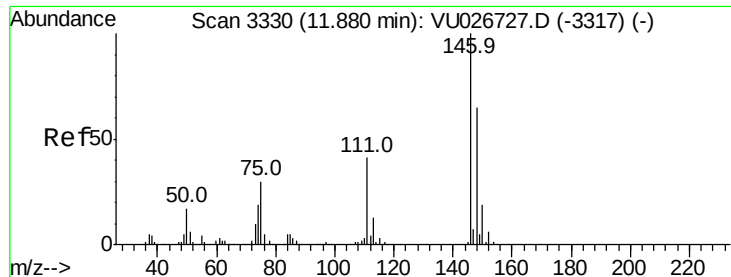
Ion Ratio Lower Upper

146 100

111 49.9 26.5 49.3#

148 77.9 45.2 84.0





#65

1,2-Dichlorobenzene

Concen: 8333.473 ug/L m

RT: 11.89 min Scan# 3334

Delta R.T. 0.01 min

Lab File: VU026749.D

Acq: 14 Sep 2018 00:28

Instrument :

MSVOA_U

ClientSampled :

C08K8

Tot Ion:146 Resp:30202223

Ion Ratio Lower Upper

146 100

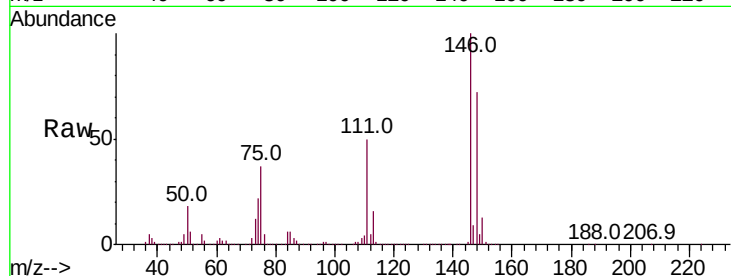
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148 72.5 52.2 78.4

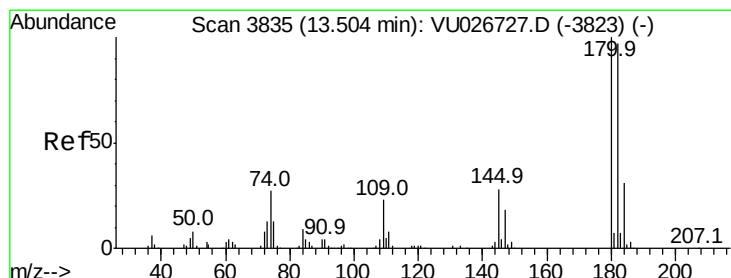
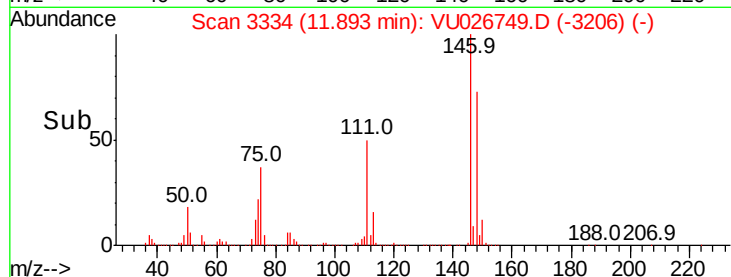
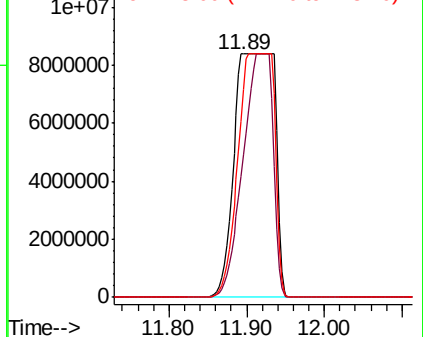
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 1613.423 ug/L

RT: 13.51 min Scan# 3837

Delta R.T. 0.01 min

Lab File: VU026749.D

Acq: 14 Sep 2018 00:28

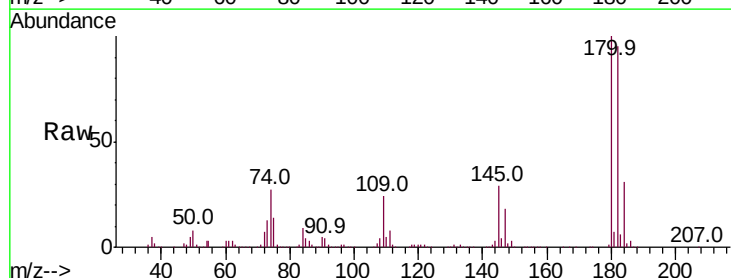
Tgt Ion:180 Resp: 3814434

Ion Ratio Lower Upper

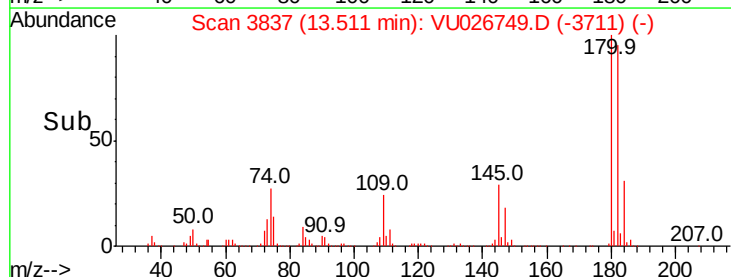
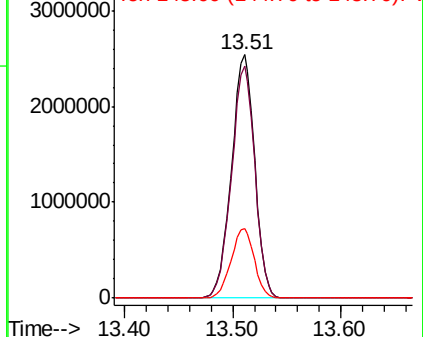
180 100

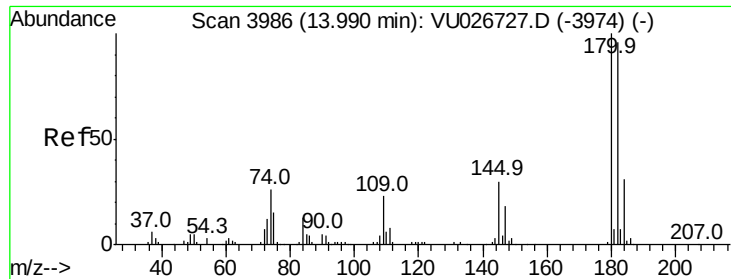
182 95.8 76.0 114.0

145 28.6 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V





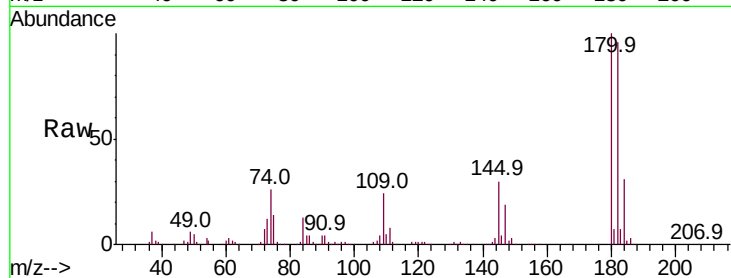
#70
 1,2,3-Trichlorobenzene
 Concen: 326.430 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026749.D
 Acq: 14 Sep 2018 00:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C08K8

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.3	76.7	115.1	
145	30.1	23.0	34.6	

Manual Integrations
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Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

