

Data File : VU026938.D
Acq On : 20 Sep 2018 15:02
Operator : MD/SY
Sample : J4893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Manual Integrations
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sam
9/28/2018 4:05:36 PM

Quant Time: Sep 28 05:48:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	285597	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	284789	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	173590	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	76104	36.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.04%
7) Chloroethane-d5	1.68	69	64756	35.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.62%
11) 1,1-Dichloroethene-d2	2.27	63	107240	26.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.66%#
21) 2-Butanone-d5	4.18	46	103830	74.06	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.06%
24) Chloroform-d	4.65	84	129075	32.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	65.88%#
26) 1,2-Dichloroethane-d4	5.31	65	83550	33.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.72%#
32) Benzene-d6	5.34	84	270282	33.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	67.74%#
36) 1,2-Dichloropropane-d6	6.33	67	85676	33.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	66.64%#
41) Toluene-d8	7.57	98	243279	33.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	67.48%#
43) trans-1,3-Dichloropropene-	7.85	79	38809	33.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.60%
47) 2-Hexanone-d5	8.31	63	74126	73.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116511	32.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	64.98%#
64) 1,2-Dichlorobenzene-d4	11.88	152	128463	35.57	ug/L	0.02
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.14%#

Target Compounds

						Qvalue
13) Acetone	2.32	43	3959	2.873	ug/L	90
29) Cyclohexane	5.00	56	5210	1.576	ug/L	98
31) Carbon tetrachloride	5.13	117	3998	1.317	ug/L	94
33) Benzene	5.39	78	128235	14.523	ug/L	100
35) Methylcyclohexane	6.42	83	18807	5.445	ug/L #	78
46) Tetrachloroethene	8.23	164	1952	1.039	ug/L	88
51) Chlorobenzene	9.13	112	17312209m	2855.443	ug/L	
62) 1,3-Dichlorobenzene	11.42	146	2452161	463.387	ug/L	99
63) 1,4-Dichlorobenzene	11.52	146	14927476	2561.775	ug/L	96
65) 1,2-Dichlorobenzene	11.89	146	24660266m	4208.626	ug/L	
67) 1,3,5-Trichlorobenzene	12.89	180	10525	2.570	ug/L	99
68) 1,2,4-trichlorobenzene	13.52	180	16277738m	4612.801	ug/L	
70) 1,2,3-Trichlorobenzene	13.99	180	2353011	605.509	ug/L	99

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

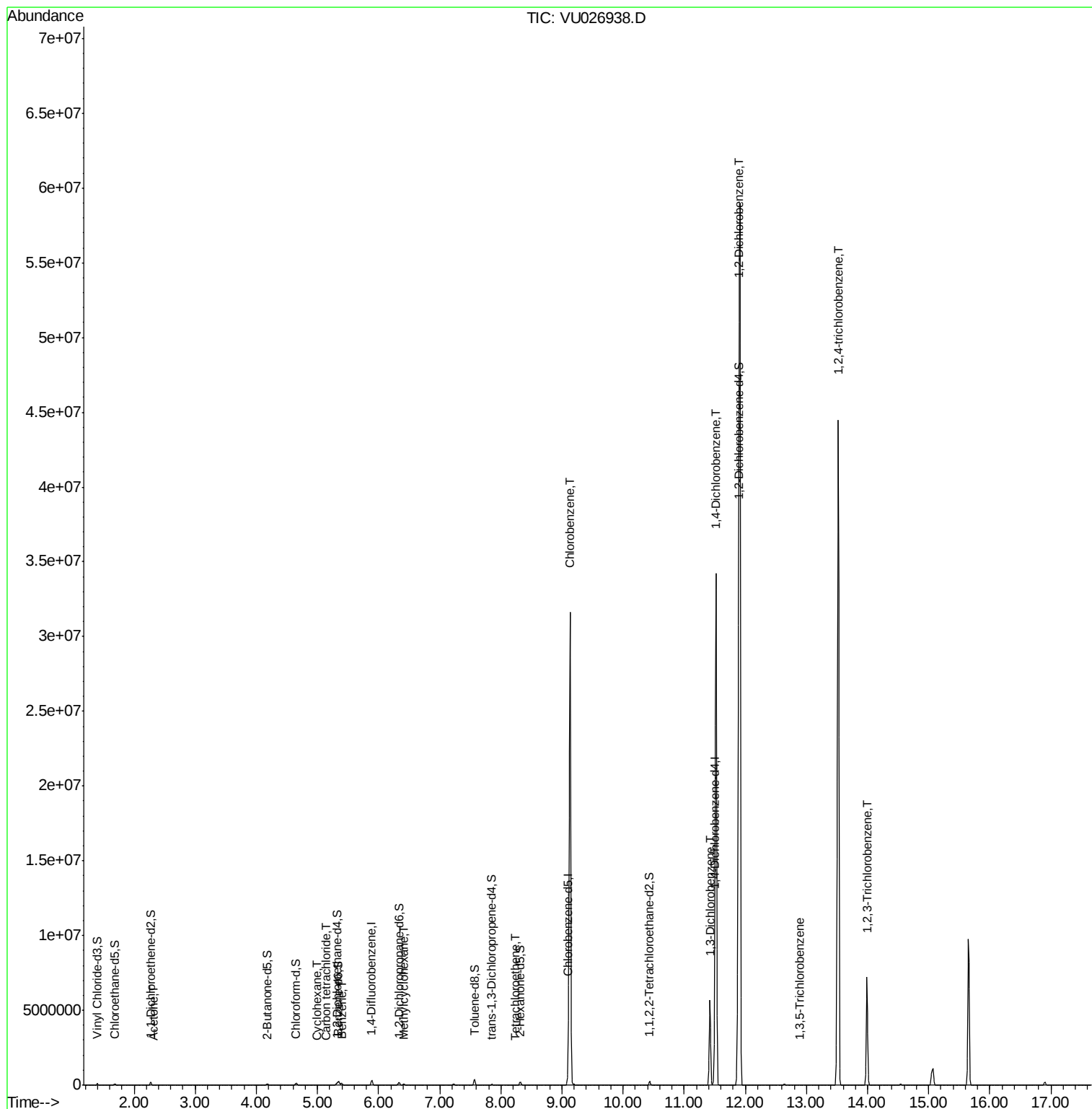
Data File : VU026938.D
Acq On : 20 Sep 2018 15:02
Operator : MD/SY
Sample : J4893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

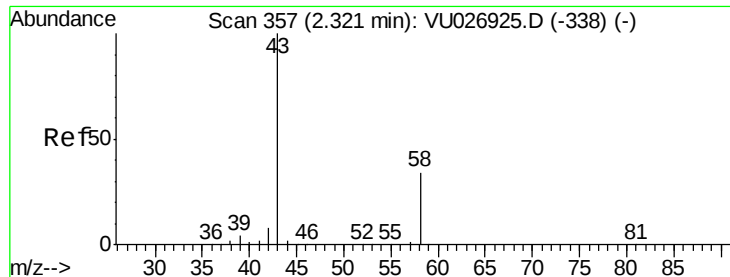
Instrument :
MSVOA_U
ClientSampleId :
C08L1

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Quant Time: Sep 28 05:48:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.873 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026938.D

Acq: 20 Sep 2018 15:02

Instrument :

MSVOA_U

ClientSampled :

C08L1

Tgt Ion: 43 Resp: 3959

Ion Ratio Lower Upper

43 100

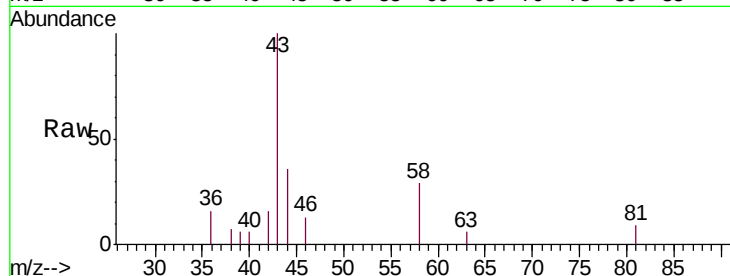
58 26.9 0.0 64.6

Manual Integrations

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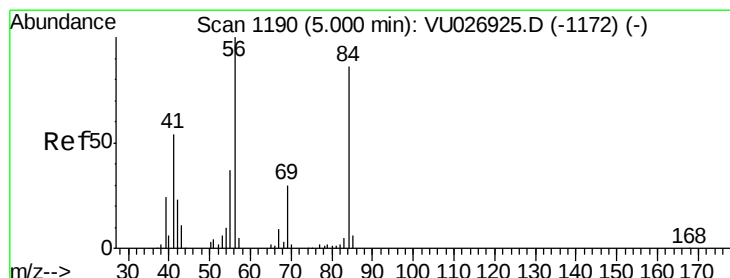
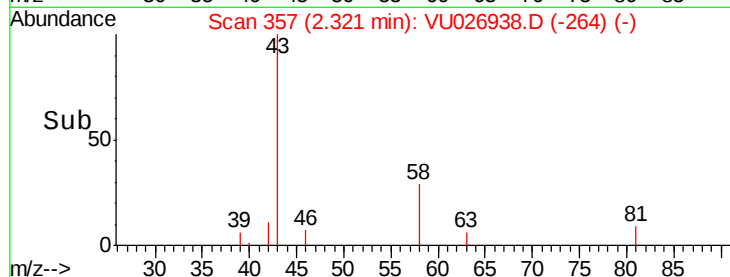
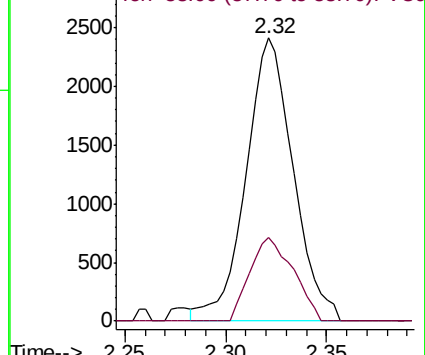
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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#29

Cyclohexane

Concen: 1.576 ug/L

RT: 5.00 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VU026938.D

Acq: 20 Sep 2018 15:02

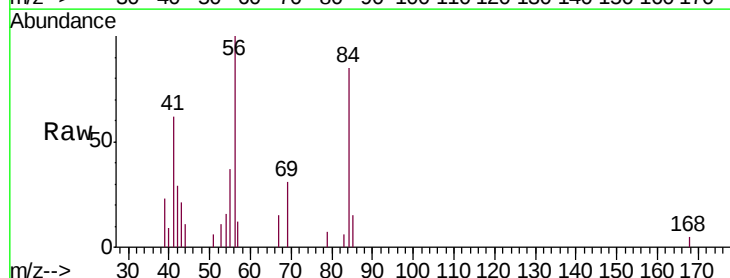
Tgt Ion: 56 Resp: 5210

Ion Ratio Lower Upper

56 100

69 30.2 23.7 35.5

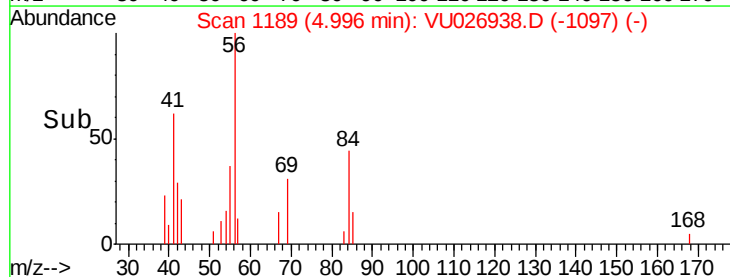
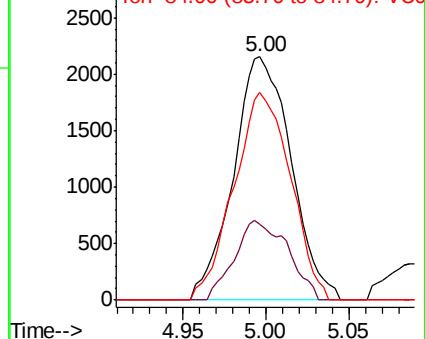
84 83.6 69.0 103.4

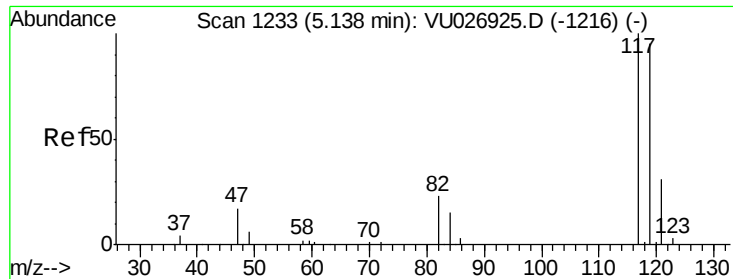


Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





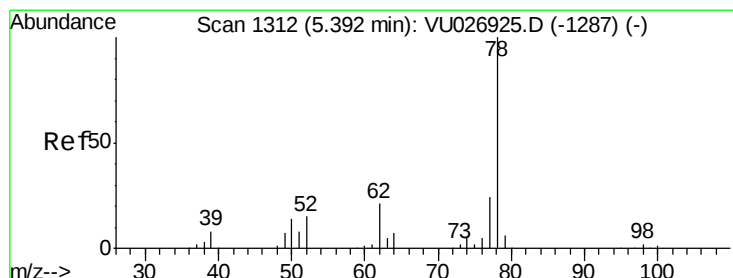
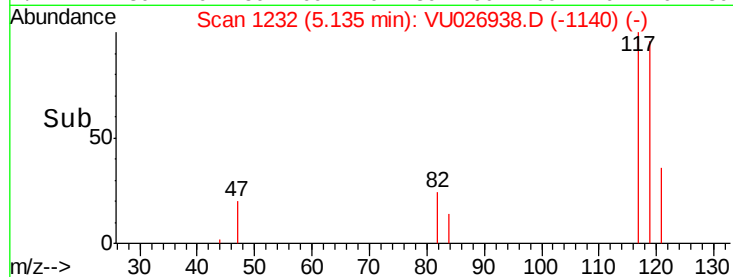
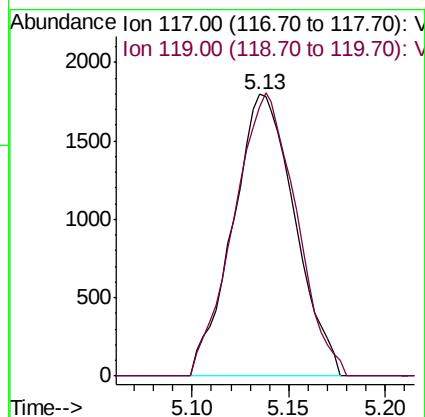
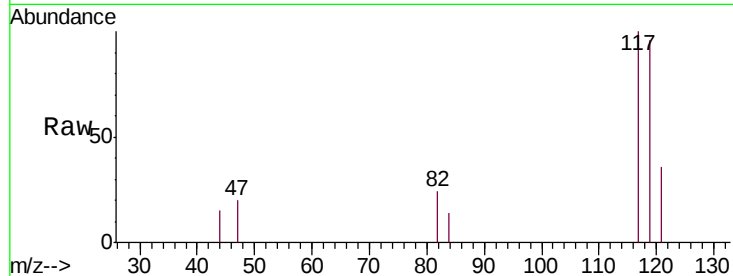
#31
Carbon tetrachloride
Concen: 1.317 ug/L
RT: 5.13 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VU026938.D
Acq: 20 Sep 2018 15:02

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion: 117 Resp: 3998
Ion Ratio Lower Upper
117 100
119 101.2 76.3 114.5

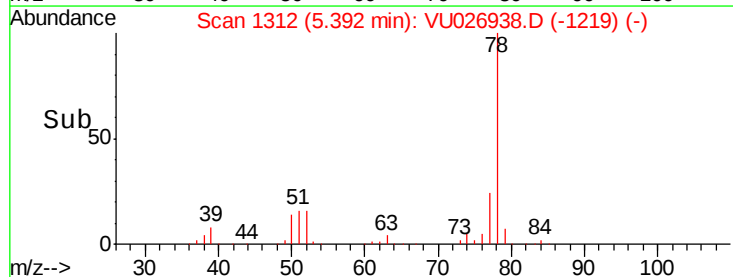
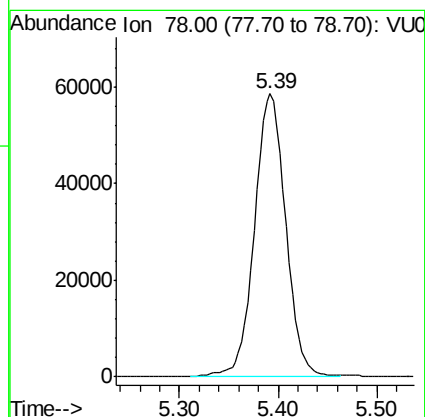
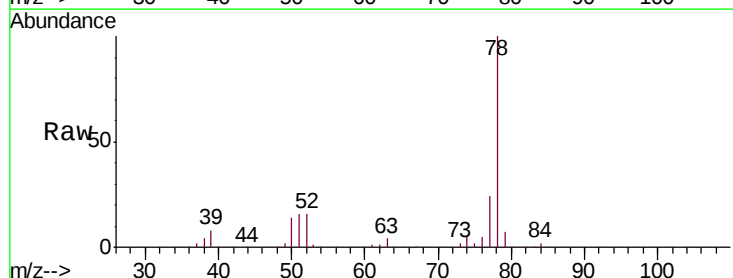
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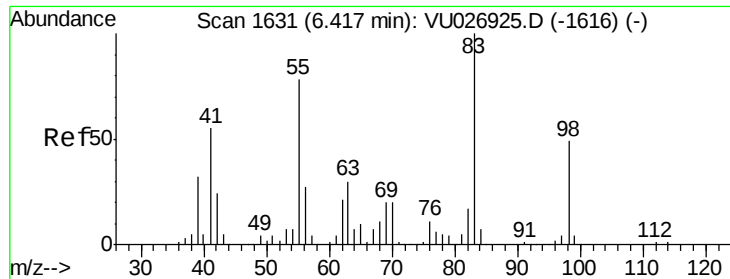
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#33
Benzene
Concen: 14.523 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU026938.D
Acq: 20 Sep 2018 15:02

Tgt Ion: 78 Resp: 128235





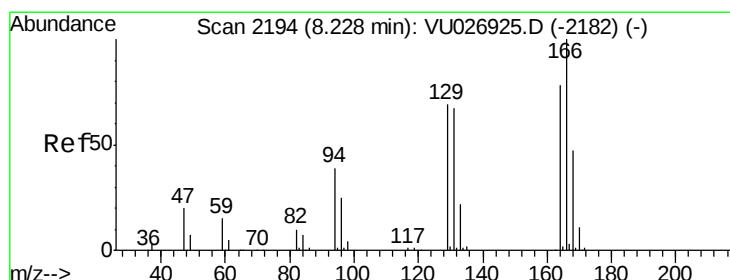
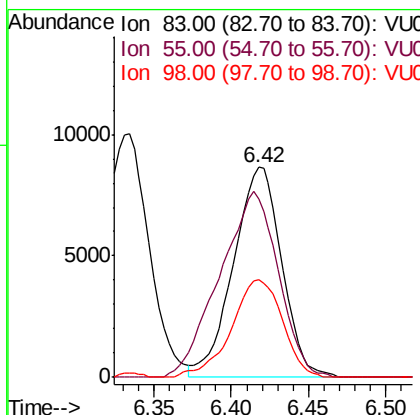
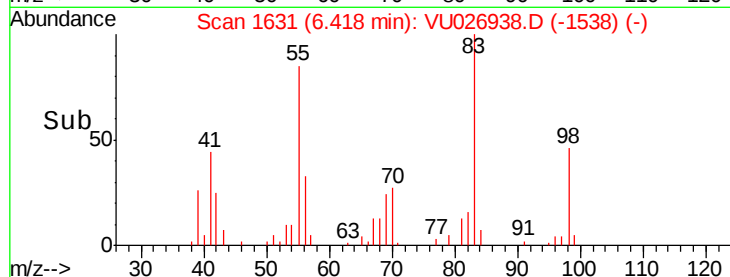
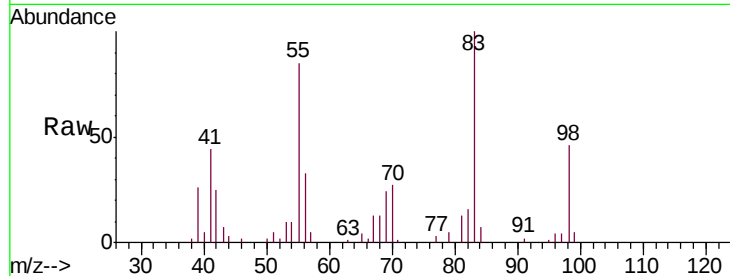
#35
Methylcyclohexane
Concen: 5.445 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU026938.D
Acq: 20 Sep 2018 15:02

Instrument :
MSVOA_U
ClientSampled :
C08L1

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	18807		
55	107.1	61.7	92.5#	
98	48.9	38.3	57.5	

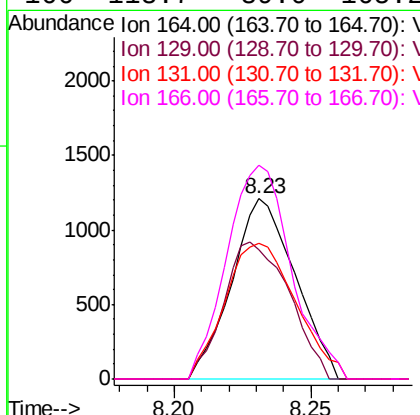
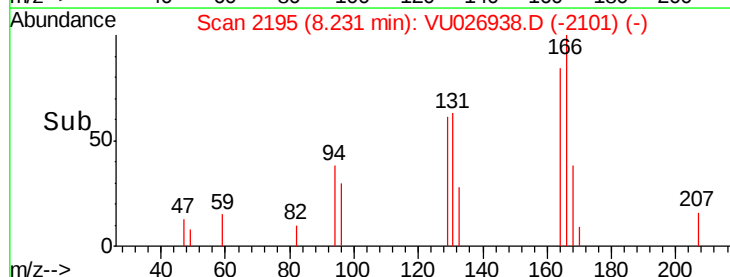
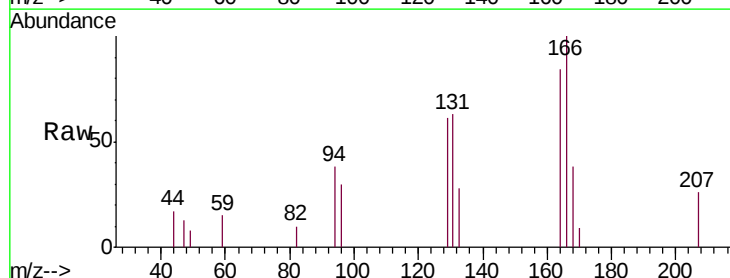
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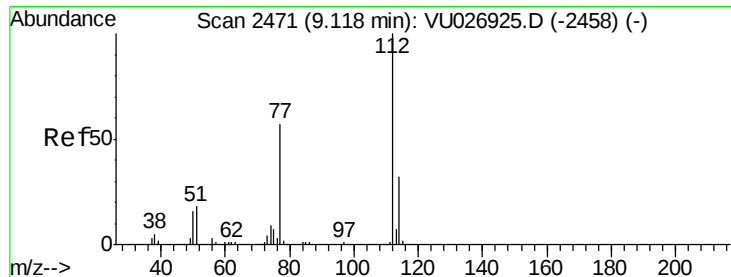
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#46
Tetrachloroethene
Concen: 1.039 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU026938.D
Acq: 20 Sep 2018 15:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	1952		
129	72.2	62.2	115.4	
131	75.3	60.5	112.5	
166	118.7	89.0	165.2	





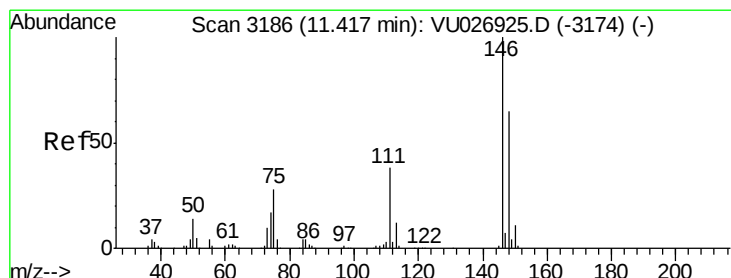
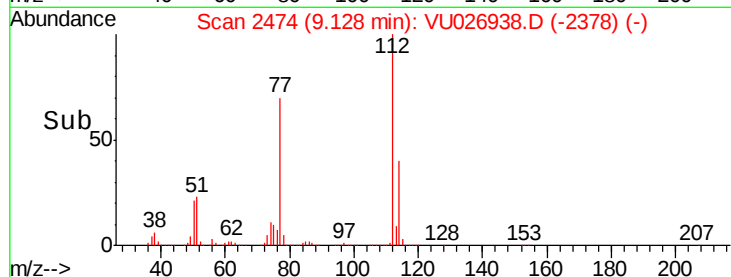
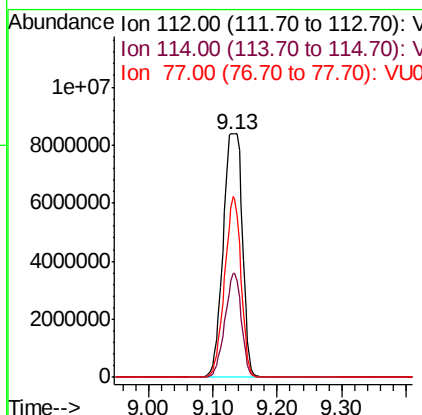
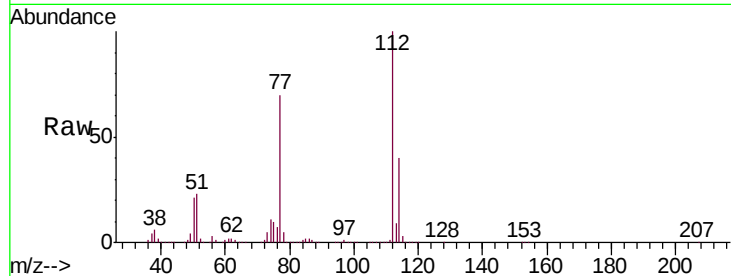
#51
Chlorobenzene
Concen: 2855.443 ug/L m
RT: 9.13 min Scan# 2474
Delta R.T. 0.01 min
Lab File: VU026938.D
Acq: 20 Sep 2018 15:02

Instrument :
MSVOA_U
ClientSampled :
C08L1

Tgt Ion:112 Resp:17312209
Ion Ratio Lower Upper
112 100
114 39.7 22.3 41.5
77 69.6 45.1 67.7#

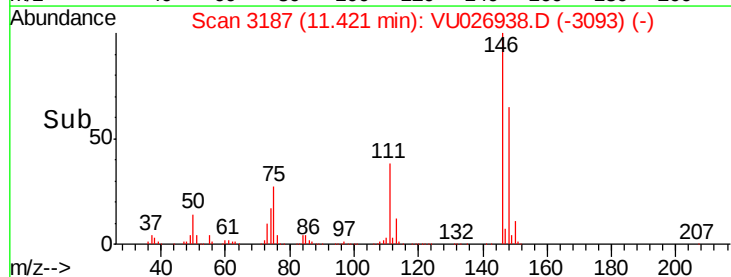
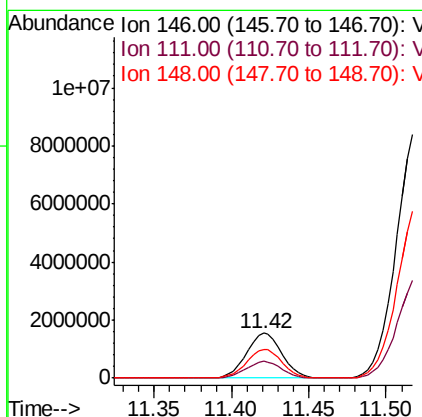
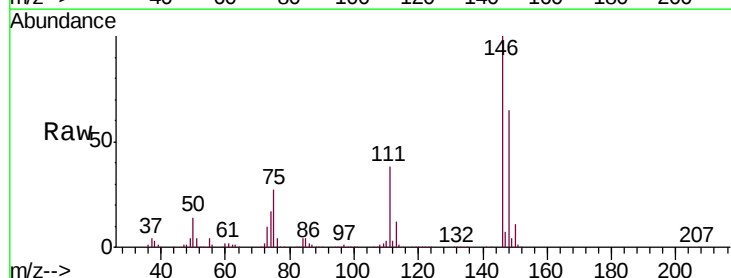
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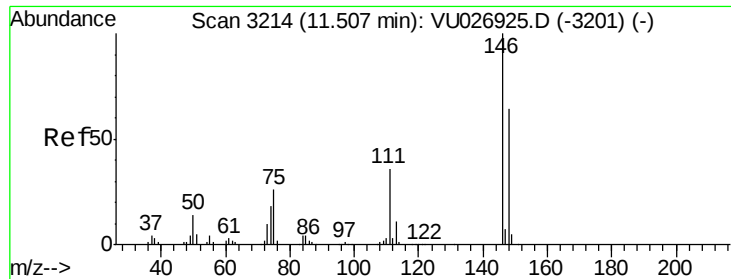
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#62
1,3-Dichlorobenzene
Concen: 463.387 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026938.D
Acq: 20 Sep 2018 15:02

Tgt Ion:146 Resp: 2452161
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 64.6 44.9 83.5





#63

1,4-Dichlorobenzene

Concen: 2561.775 ug/L

RT: 11.52 min Scan# 3217

Delta R.T. 0.01 min

Lab File: VU026938.D

Acq: 20 Sep 2018 15:02

Instrument :

MSVOA_U

ClientSampled :

C08L1

Tgt Ion:146 Resp:14927476

Ion Ratio Lower Upper

146 100

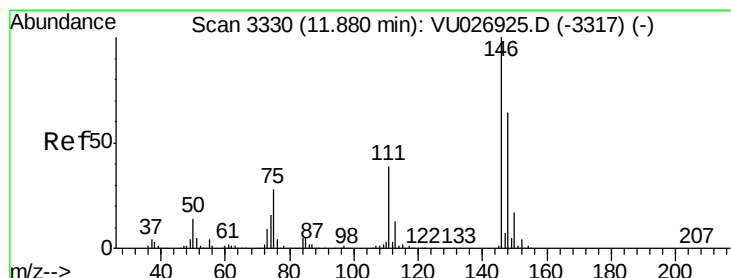
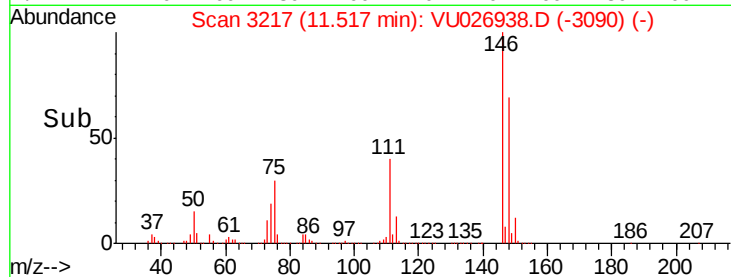
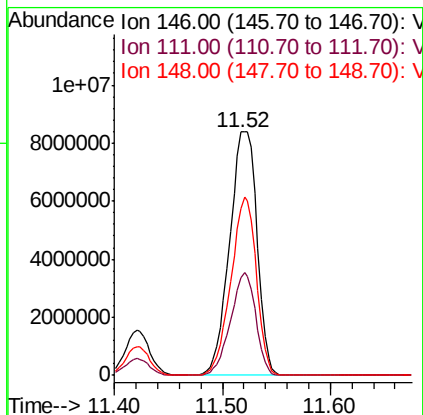
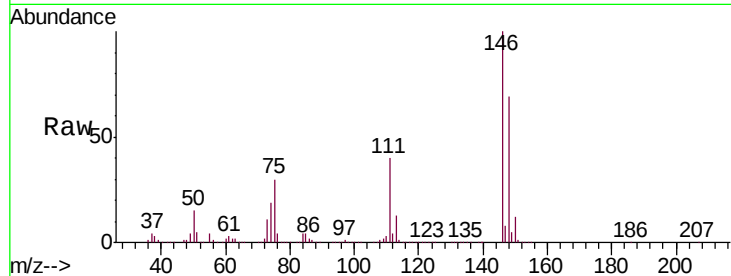
111 40.0 26.0 48.2

148 68.6 45.8 85.2

Manual Integrations
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#65

1,2-Dichlorobenzene

Concen: 4208.626 ug/L m

RT: 11.89 min Scan# 3333

Delta R.T. 0.01 min

Lab File: VU026938.D

Acq: 20 Sep 2018 15:02

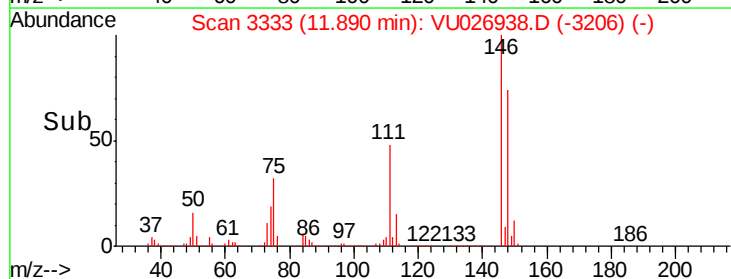
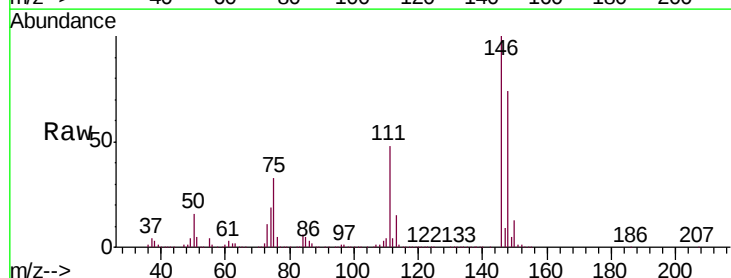
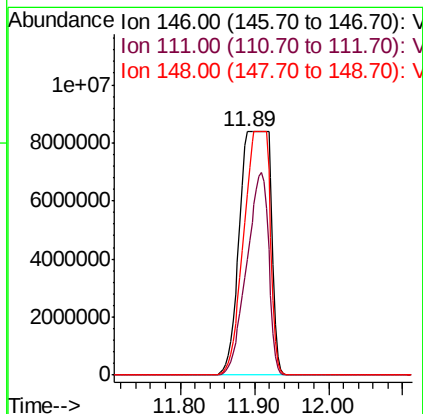
Tgt Ion:146 Resp:24660266

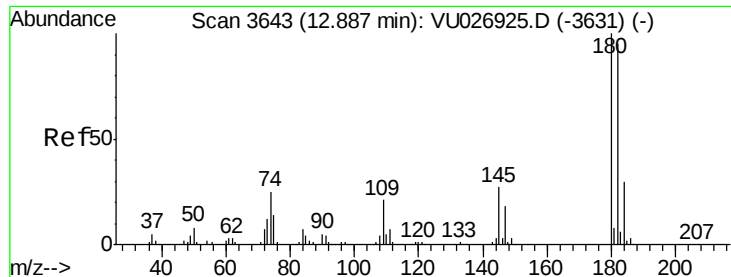
Ion Ratio Lower Upper

146 100

111 47.8 31.4 47.0#

148 74.1 51.4 77.2





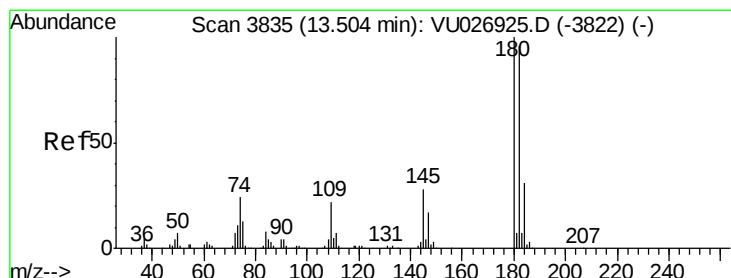
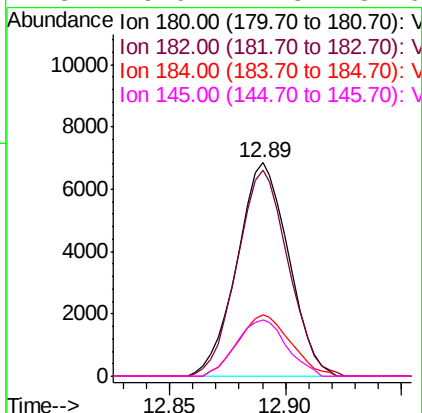
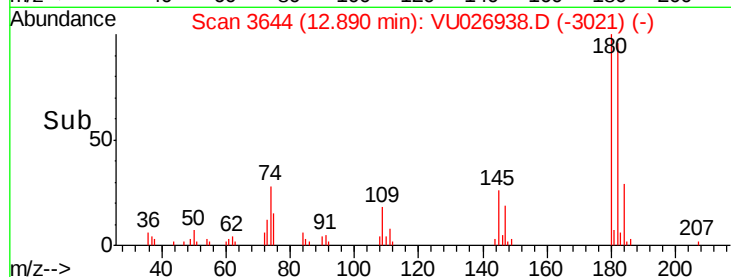
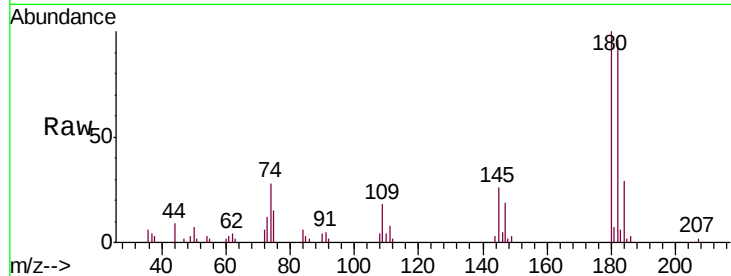
#67
 1,3,5-Trichlorobenzene
 Concen: 2.570 ug/L
 RT: 12.89 min Scan# 3644
 Delta R.T. 0.00 min
 Lab File: VU026938.D
 Acq: 20 Sep 2018 15:02

Instrument :
 MSVOA_U
 ClientSampled :
 C08L1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
184	29.4	24.2	36.4
145	25.9	21.8	32.6

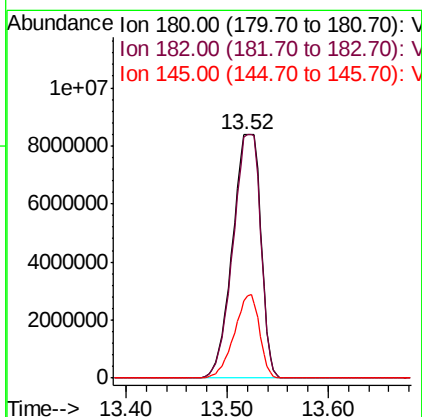
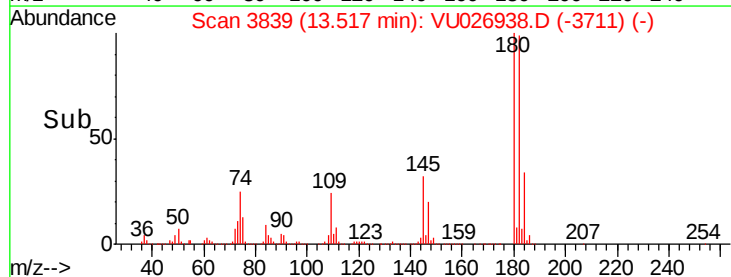
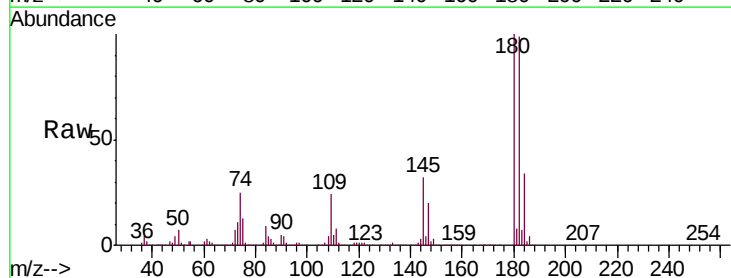
Manual Integrations
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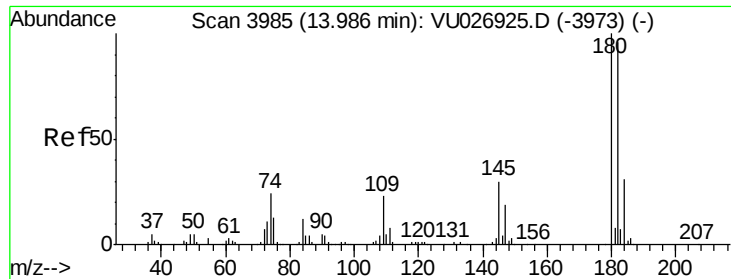
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#68
 1,2,4-trichlorobenzene
 Concen: 4612.801 ug/L m
 RT: 13.52 min Scan# 3839
 Delta R.T. 0.01 min
 Lab File: VU026938.D
 Acq: 20 Sep 2018 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	76.8	115.2#
145	0.0	22.2	33.2#





#70
 1,2,3-Trichlorobenzene
 Concen: 605.509 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU026938.D
 Acq: 20 Sep 2018 15:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C08L1

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.6	113.4
145	29.4	23.8	35.6

Manual Integrations
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