

Data File : VU027492.D
Acq On : 08 Oct 2018 12:09
Operator : MD/SY
Sample : J5250-02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0910

Quant Time: Oct 09 04:55:54 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 09 04:55:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	198804	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186575	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85090	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66988	42.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.64%
7) Chloroethane-d5	1.68	69	54168	44.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.88%
11) 1,1-Dichloroethene-d2	2.27	63	98479	33.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.12%
21) 2-Butanone-d5	4.18	46	136214	107.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.85%
24) Chloroform-d	4.65	84	124267	49.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.32%
26) 1,2-Dichloroethane-d4	5.31	65	87497	49.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.80%
32) Benzene-d6	5.34	84	249790	46.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.42%
36) 1,2-Dichloropropane-d6	6.33	67	89992	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.57	98	212608	44.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.96%
43) trans-1,3-Dichloropropene-	7.85	79	40544	45.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.88%
47) 2-Hexanone-d5	8.31	63	94889	102.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117768	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	82889	49.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.58%

Target Compounds

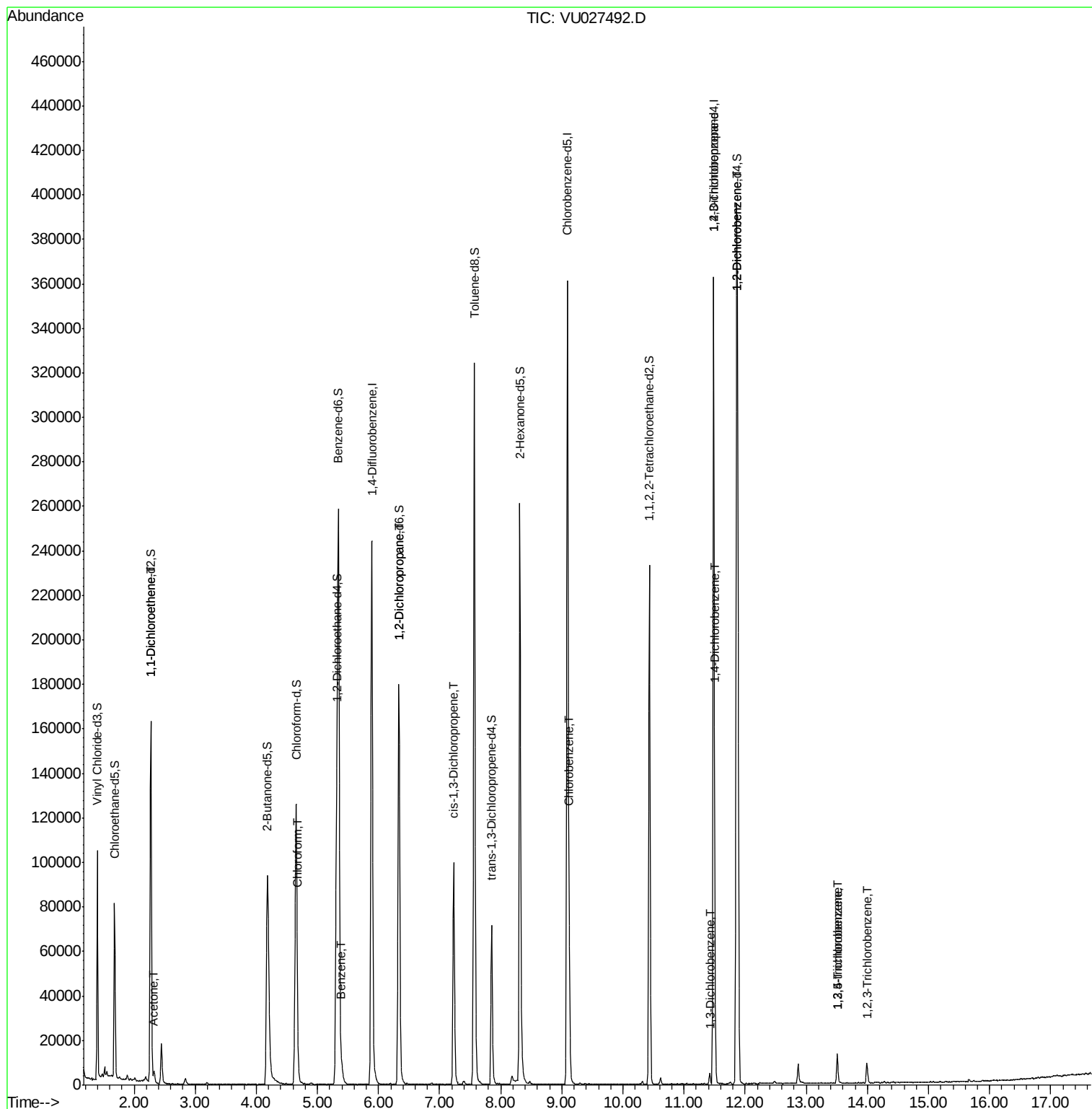
					Qvalue
12) 1,1-Dichloroethene	2.27	96	713	0.555 ug/L #	1
13) Acetone	2.32	43	4319	4.169 ug/L	99
25) Chloroform	4.68	83	3925	1.384 ug/L	97
33) Benzene	5.39	78	5241	0.855 ug/L	100
37) 1,2-Dichloropropane	6.33	63	9473	5.333 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2211	0.847 ug/L #	69
51) Chlorobenzene	9.12	112	29900	7.688 ug/L	100
59) 1,2,3-Trichloropropane	11.48	75	14857	7.388 ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	2225	0.840 ug/L	89
63) 1,4-Dichlorobenzene	11.51	146	7393	2.676 ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	92626	34.358 ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	4818	2.355 ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	4818	2.561 ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	3604	1.884 ug/L	96

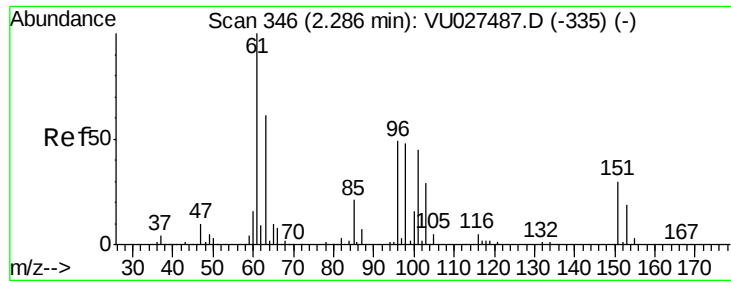
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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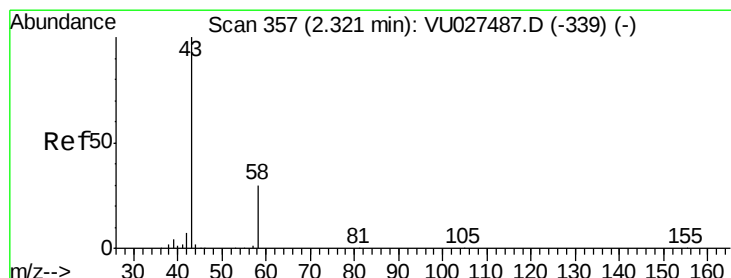
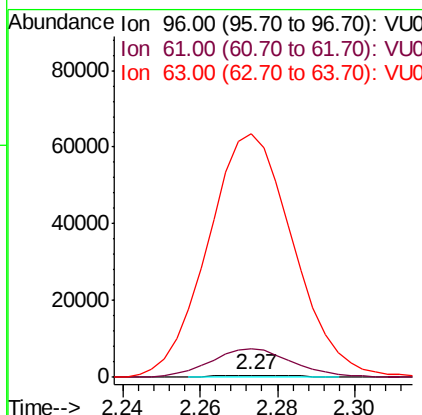
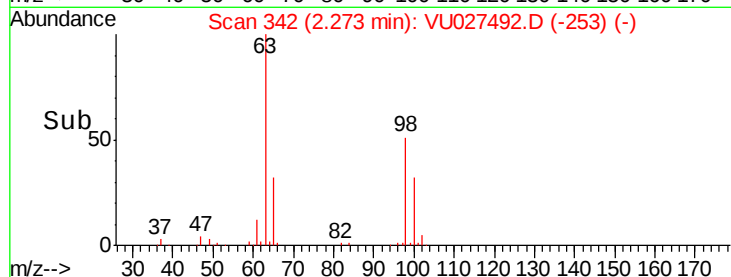
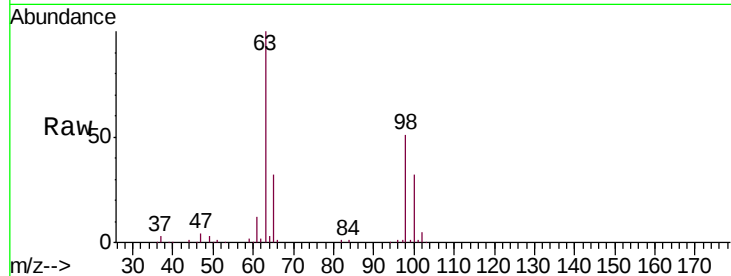




#12
 1,1-Dichloroethene
 Concen: 0.555 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

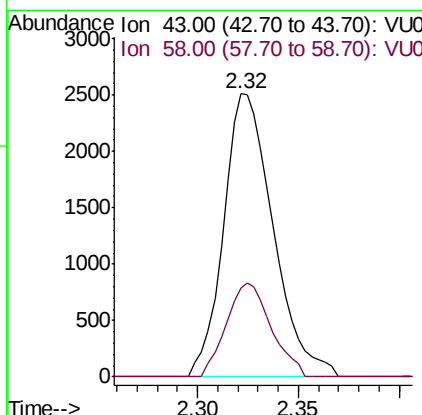
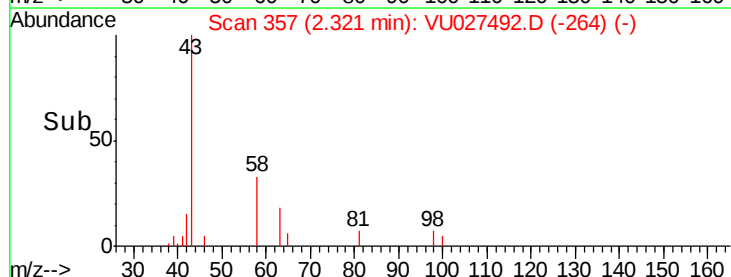
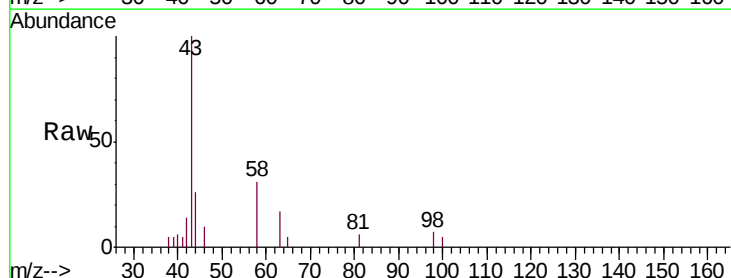
Instrument :
 MSVOA_U
 ClientSampleID :
 C0910

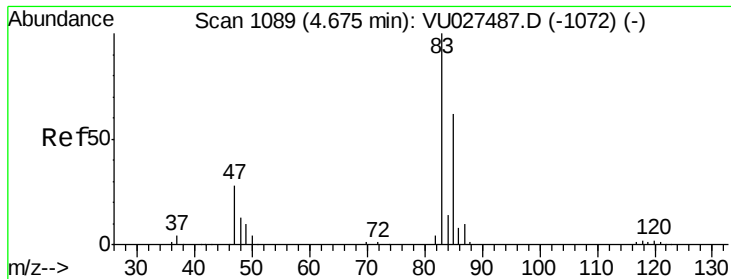
Tgt Ion: 96 Resp: 713
 Ion Ratio Lower Upper
 96 100
 61 1534.2 135.2 251.0#
 63 13139.5 94.3 175.1#



#13
 Acetone
 Concen: 4.169 ug/L
 RT: 2.32 min Scan# 357
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion: 43 Resp: 4319
 Ion Ratio Lower Upper
 43 100
 58 29.9 0.0 60.8

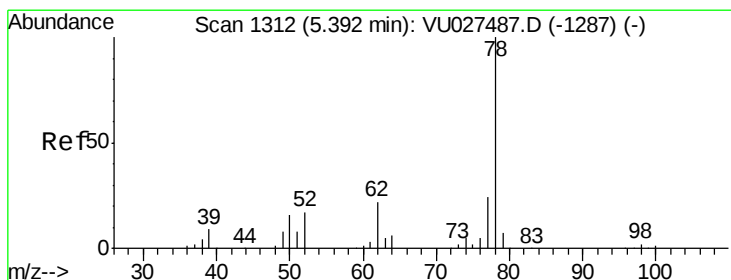
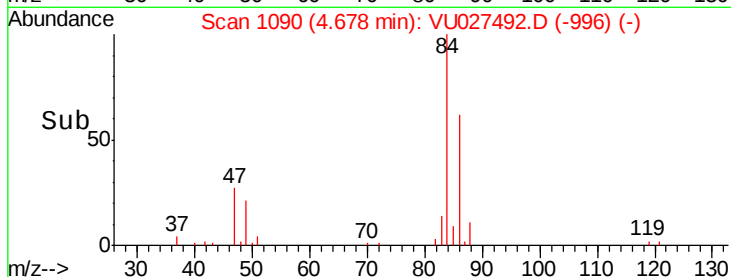
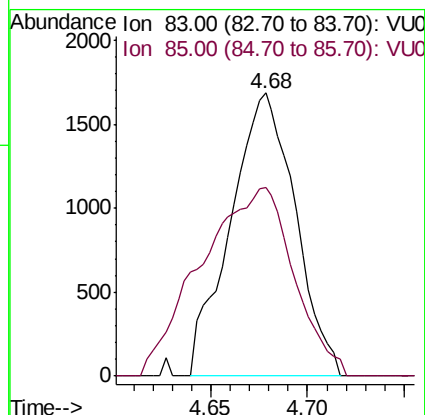
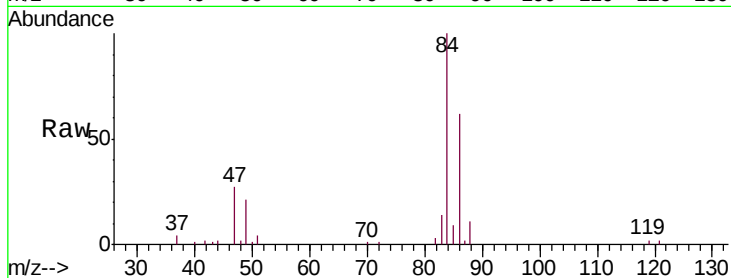




#25
Chloroform
Concen: 1.384 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027492.D
Acq: 08 Oct 2018 12:09

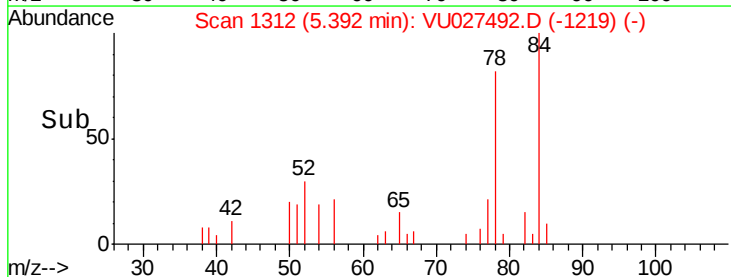
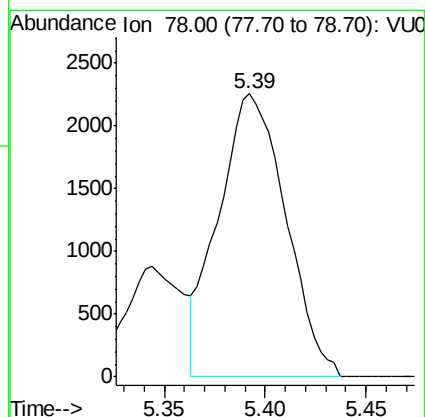
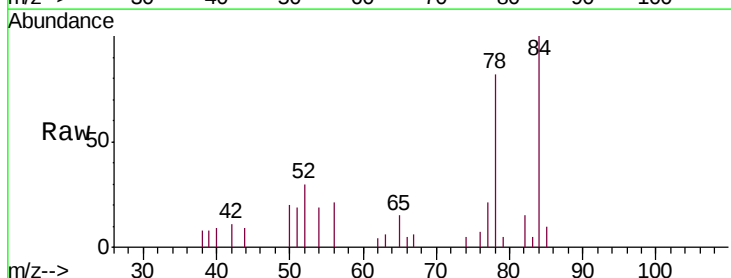
Instrument :
MSVOA_U
ClientSampleId :
C0910

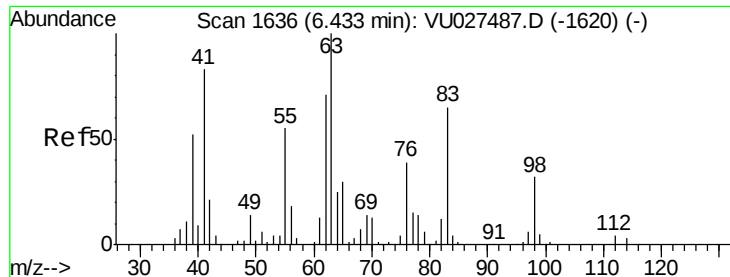
Tgt Ion: 83 Resp: 3925
Ion Ratio Lower Upper
83 100
85 66.7 45.0 83.6



#33
Benzene
Concen: 0.855 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027492.D
Acq: 08 Oct 2018 12:09

Tgt Ion: 78 Resp: 5241

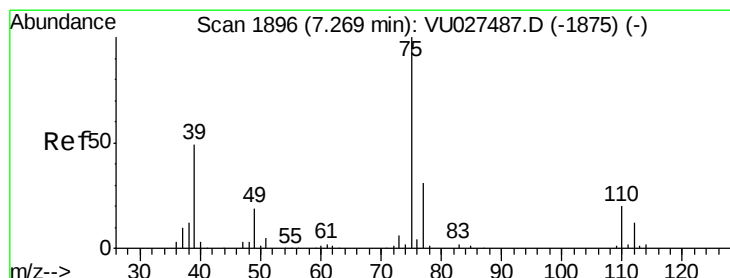
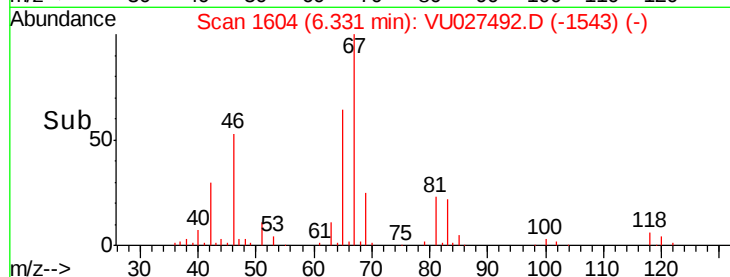
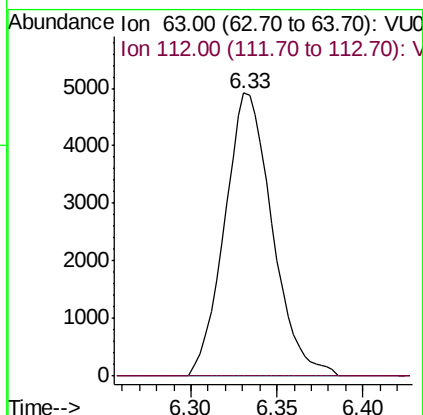
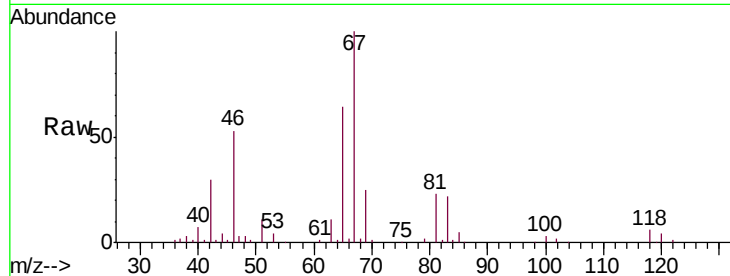




#37
 1,2-Dichloropropane
 Concen: 5.333 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

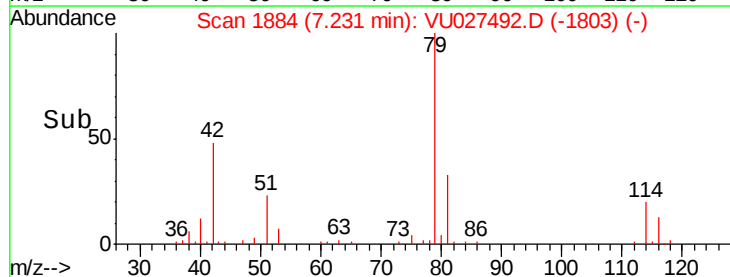
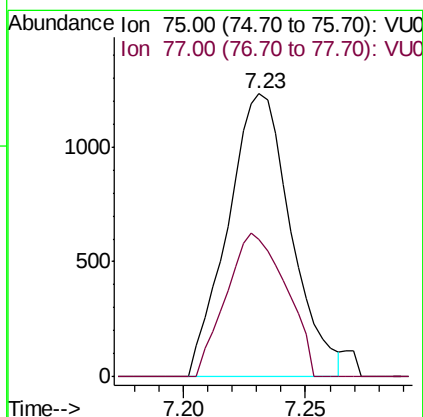
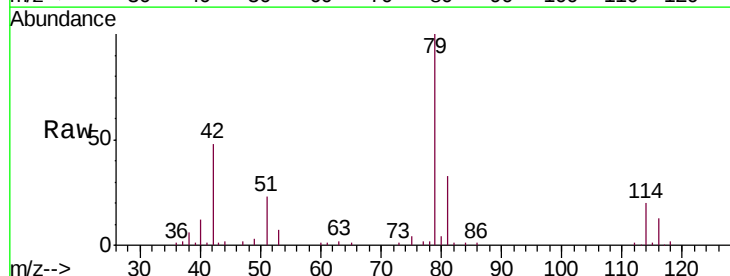
Instrument :
 MSVOA_U
 ClientSampled :
 C0910

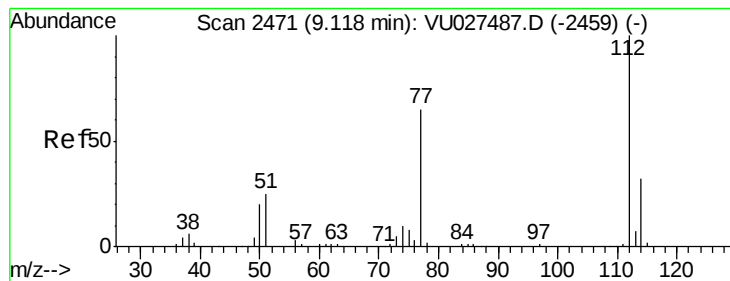
Tgt Ion: 63 Resp: 9473
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.847 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion: 75 Resp: 2211
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.1 41.1#





#51

Chlorobenzene

Concen: 7.688 ug/L

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU027492.D

Acq: 08 Oct 2018 12:09

Instrument :

MSVOA_U

ClientSampled :

C0910

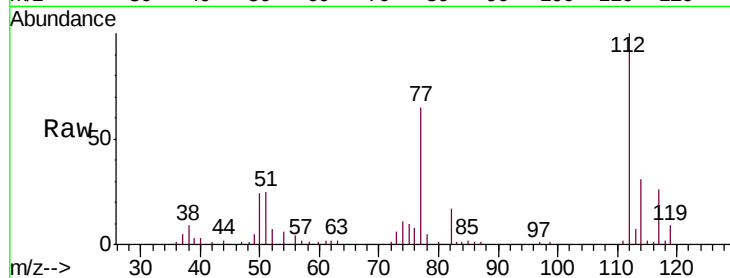
Tgt Ion: 112 Resp: 29900

Ion Ratio Lower Upper

112 100

114 31.4 22.3 41.5

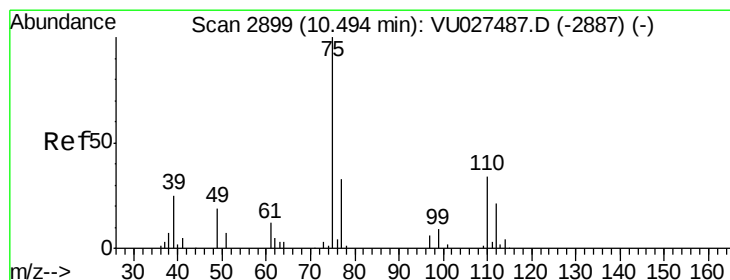
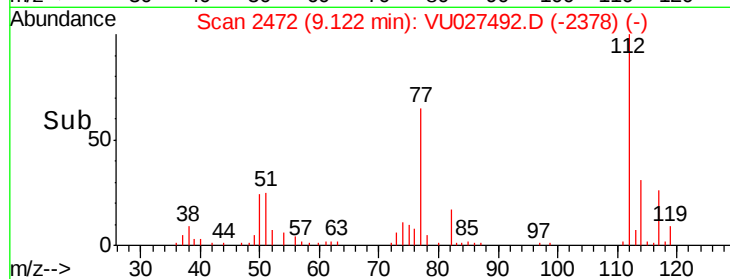
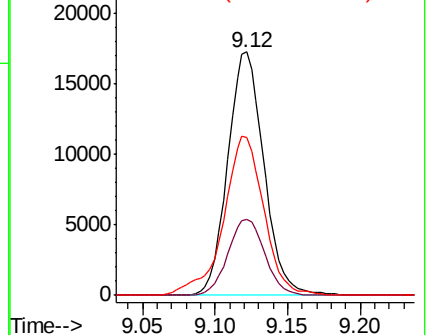
77 64.8 51.7 77.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 7.388 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU027492.D

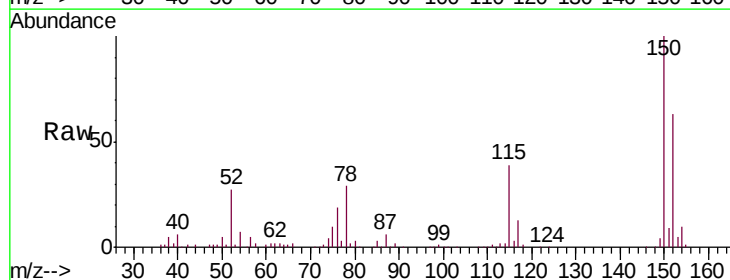
Acq: 08 Oct 2018 12:09

Tgt Ion: 75 Resp: 14857

Ion Ratio Lower Upper

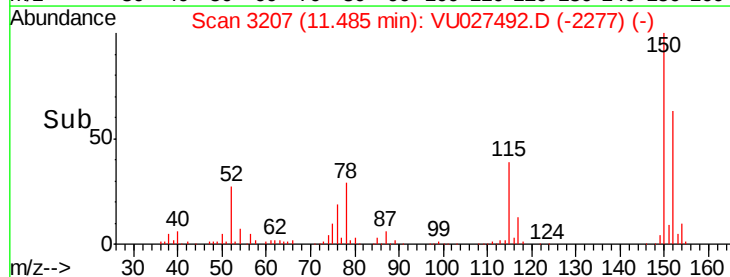
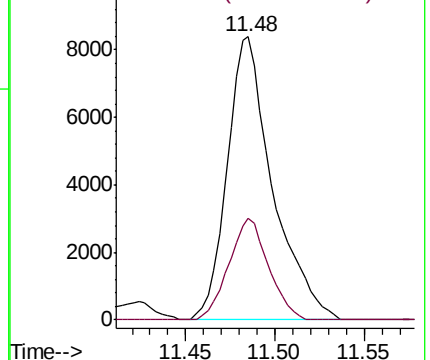
75 100

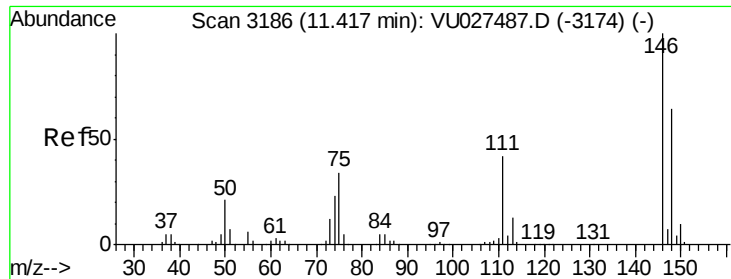
77 31.3 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

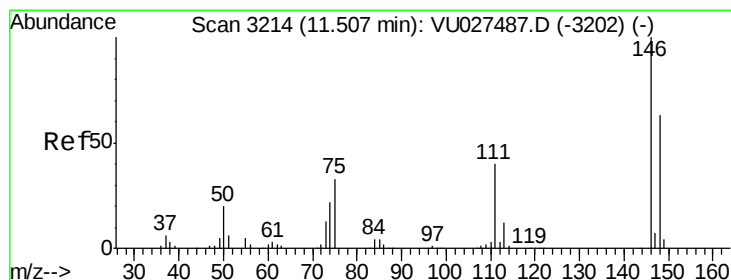
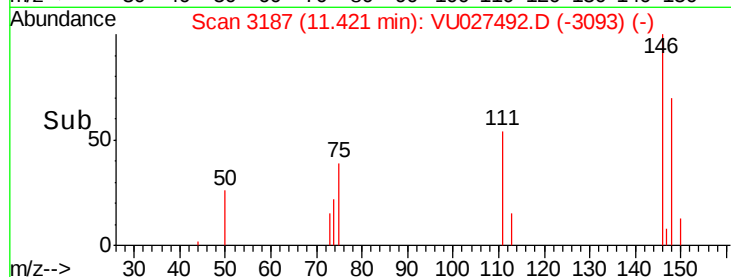
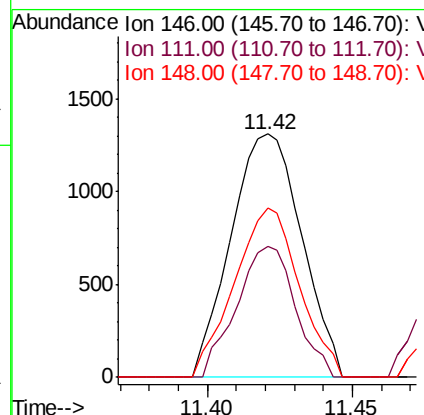
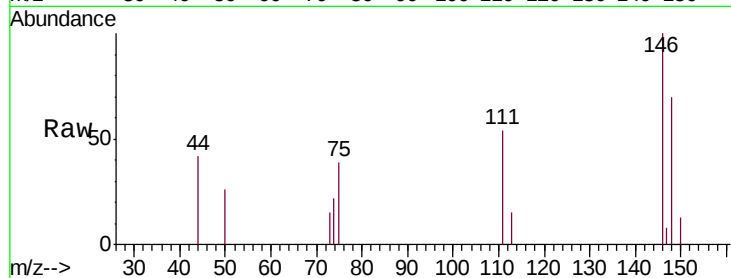




#62
 1,3-Dichlorobenzene
 Concen: 0.840 ug/L
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

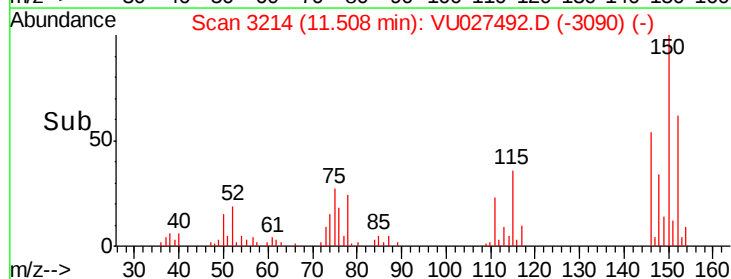
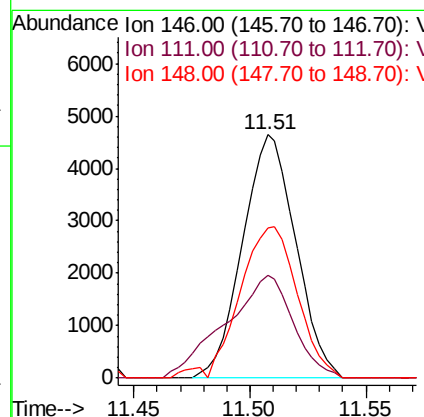
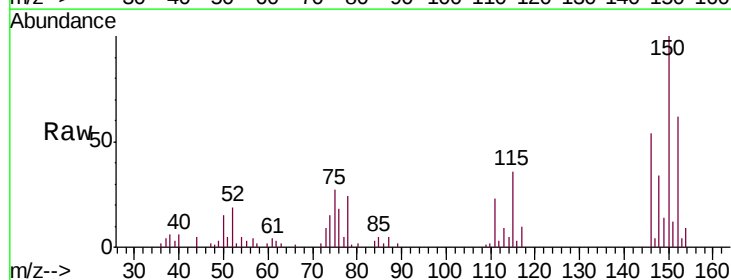
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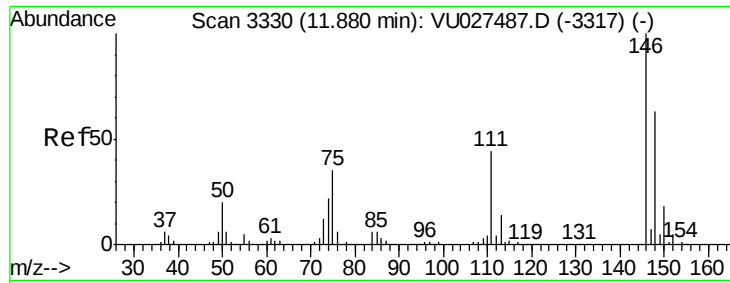
Tgt Ion:146 Resp: 2225
 Ion Ratio Lower Upper
 146 100
 111 53.6 29.0 53.8
 148 69.7 45.4 84.2



#63
 1,4-Dichlorobenzene
 Concen: 2.676 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion:146 Resp: 7393
 Ion Ratio Lower Upper
 146 100
 111 42.5 28.1 52.1
 148 61.8 44.4 82.5

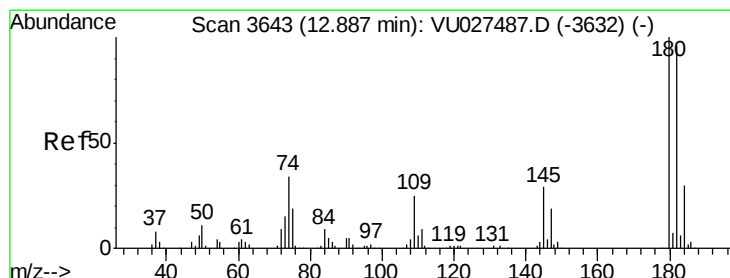
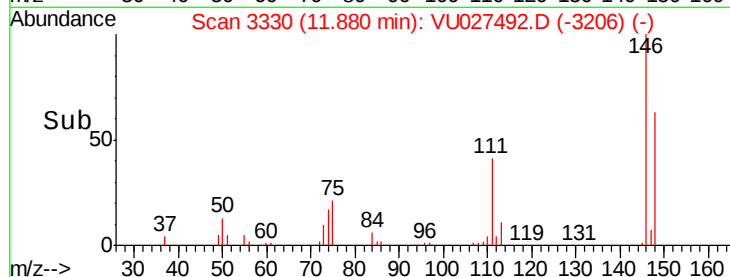
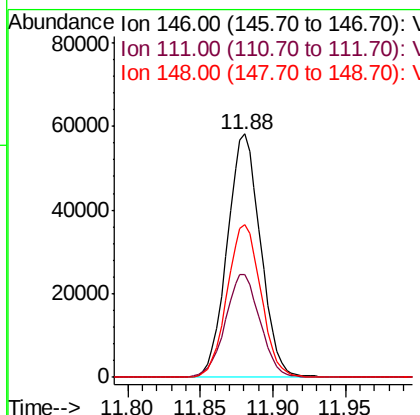
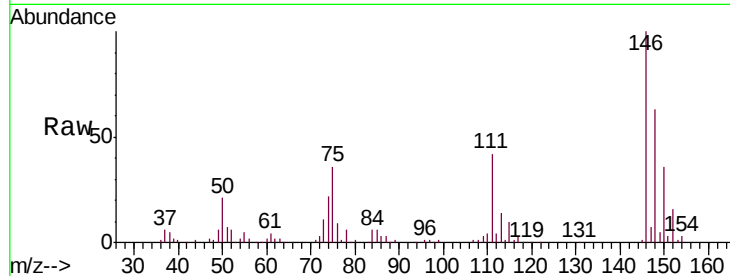




#65
 1,2-Dichlorobenzene
 Concen: 34.358 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

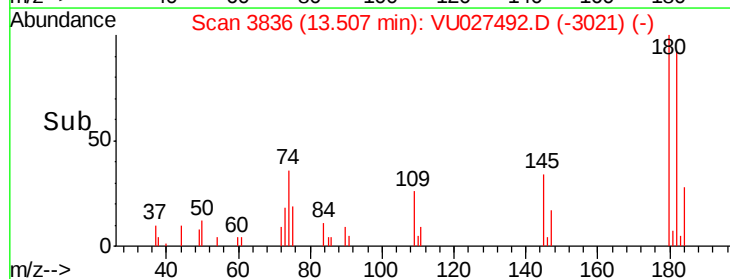
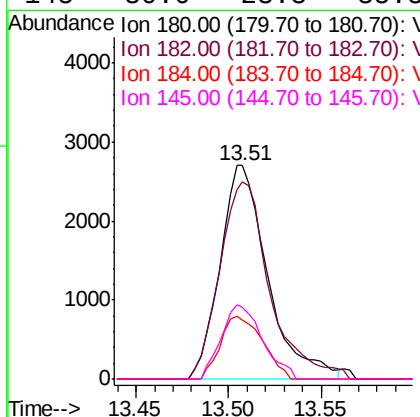
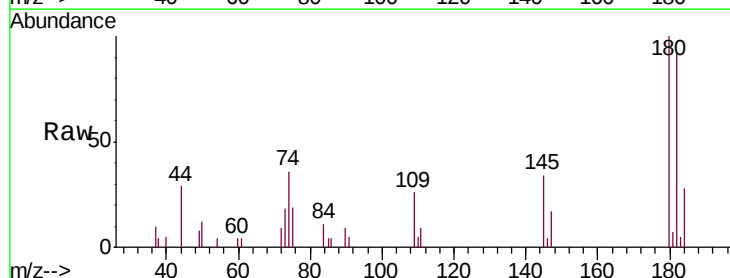
Instrument :
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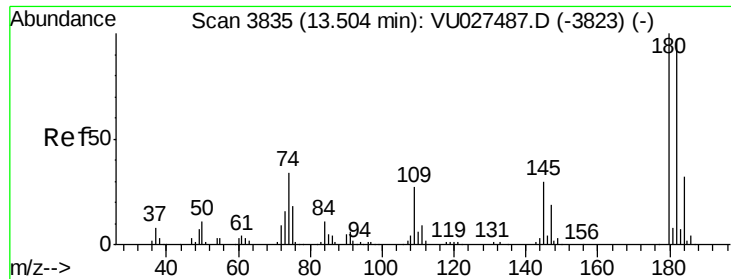
Tgt Ion:146 Resp: 92626
 Ion Ratio Lower Upper
 146 100
 111 42.2 34.9 52.3
 148 62.8 51.6 77.4



#67
 1,3,5-Trichlorobenzene
 Concen: 2.355 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.62 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion:180 Resp: 4818
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.7 115.1
 184 25.9 24.5 36.7
 145 30.0 23.8 35.8

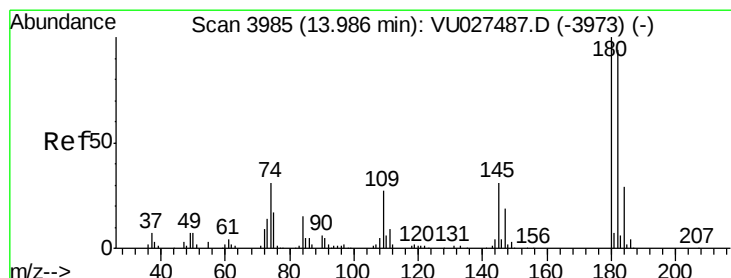
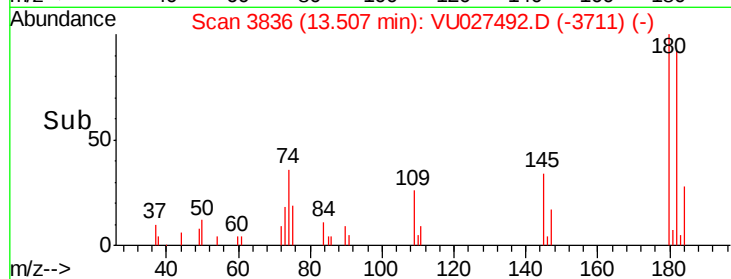
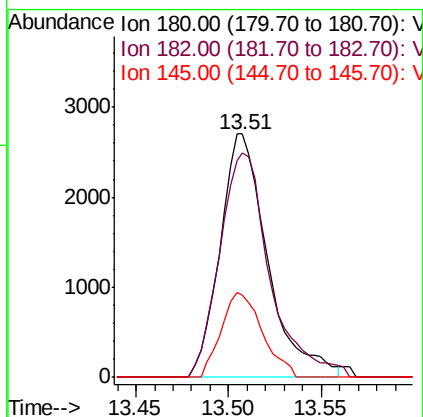
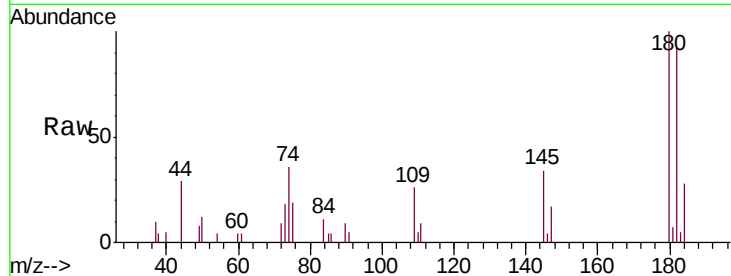




#68
 1,2,4-trichlorobenzene
 Concen: 2.561 ug/L
 RT: 13.51 min Scan# 3836
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Instrument :
 MSVOA_U
 ClientSampleId :
 C0910

Tgt Ion:180 Resp: 4818
 Ion Ratio Lower Upper
 180 100
 182 96.9 76.3 114.5
 145 30.0 24.2 36.2



#70
 1,2,3-Trichlorobenzene
 Concen: 1.884 ug/L
 RT: 13.99 min Scan# 3986
 Delta R.T. 0.00 min
 Lab File: VU027492.D
 Acq: 08 Oct 2018 12:09

Tgt Ion:180 Resp: 3604
 Ion Ratio Lower Upper
 180 100
 182 100.2 77.4 116.0
 145 28.1 25.5 38.3

