

Data File : VU027495.D
Acq On : 08 Oct 2018 13:19
Operator : MD/SY
Sample : J5250-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0908

Quant Time: Oct 09 04:56:20 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	194796	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	183420	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88153	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	66371	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.60%
7) Chloroethane-d5	1.68	69	55002	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.14%
11) 1,1-Dichloroethene-d2	2.27	63	99535	34.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.22%
21) 2-Butanone-d5	4.18	46	136188	110.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.05%
24) Chloroform-d	4.65	84	124077	50.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.31	65	87250	50.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.56%
32) Benzene-d6	5.34	84	251851	47.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.82%
36) 1,2-Dichloropropane-d6	6.33	67	90179	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.16%
41) Toluene-d8	7.57	98	211122	44.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.86%
43) trans-1,3-Dichloropropene-	7.85	79	40444	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.31	63	94378	103.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.78%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117026	49.70	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.48	152	80684	46.78	ug/L	-0.38
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.56%

Target Compounds

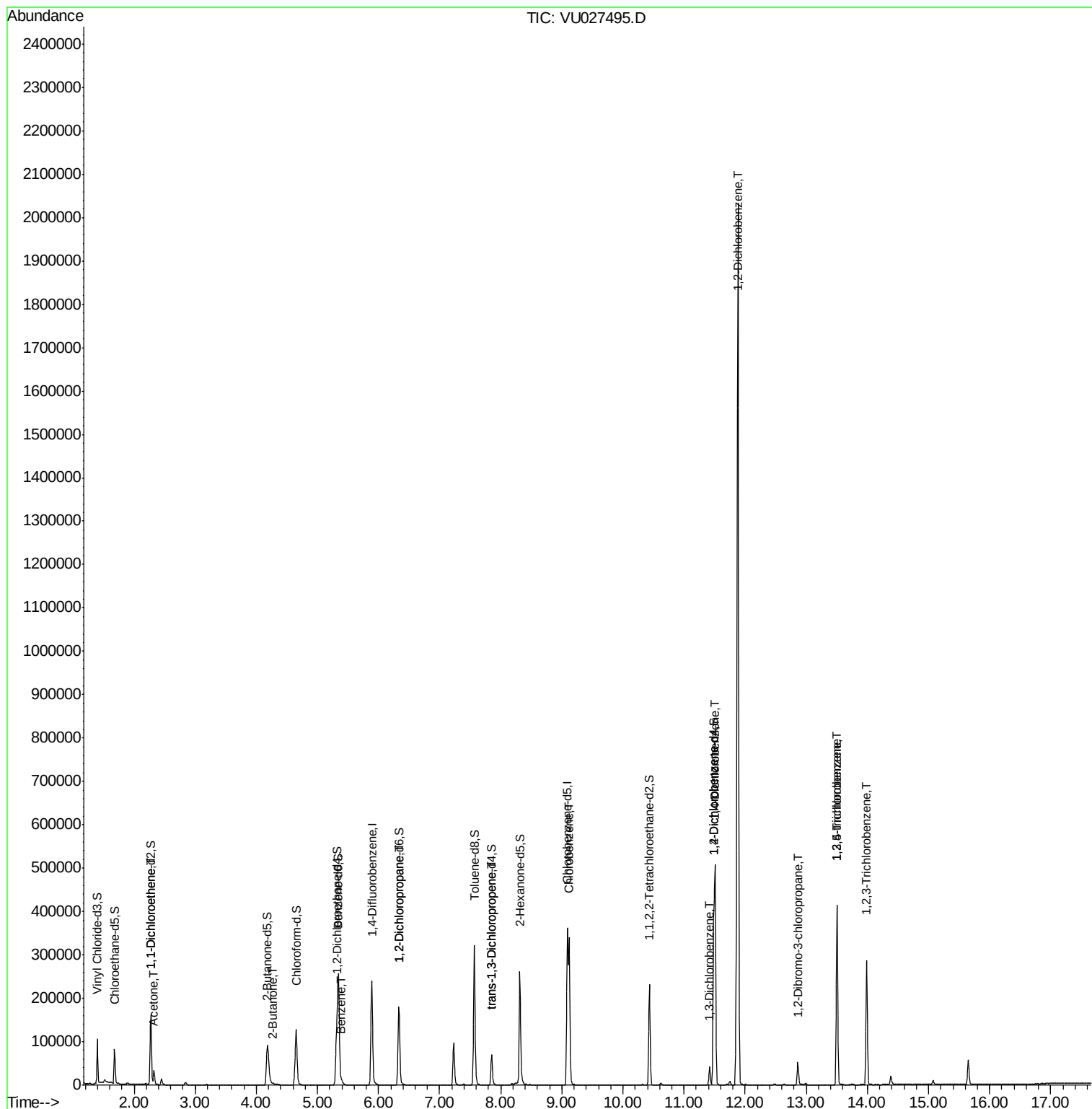
					Qvalue
12) 1,1-Dichloroethene	2.27	96	716	0.569 ug/L #	1
13) Acetone	2.32	43	33672	33.173 ug/L	99
22) 2-Butanone	4.28	43	2267	1.560 ug/L	79
33) Benzene	5.40	78	7054	1.170 ug/L	100
37) 1,2-Dichloropropane	6.33	63	9502	5.441 ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1520	0.638 ug/L #	66
51) Chlorobenzene	9.12	112	165642	43.323 ug/L	97
62) 1,3-Dichlorobenzene	11.42	146	16425	5.987 ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	177527	62.033 ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	724734	259.490 ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.86	75	1372	2.650 ug/L #	6
67) 1,3,5-Trichlorobenzene	13.50	180	121837	57.478 ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	121837	62.502 ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	82277	41.506 ug/L	100

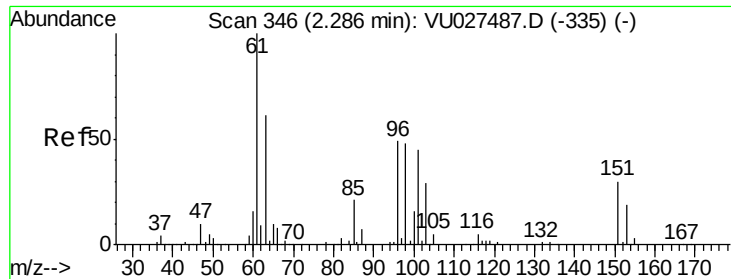
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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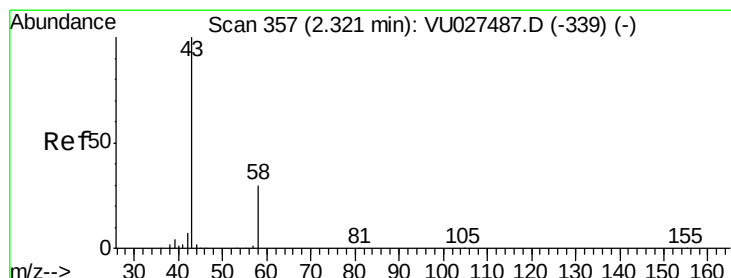
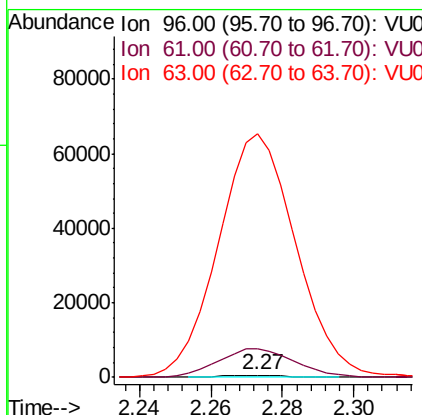
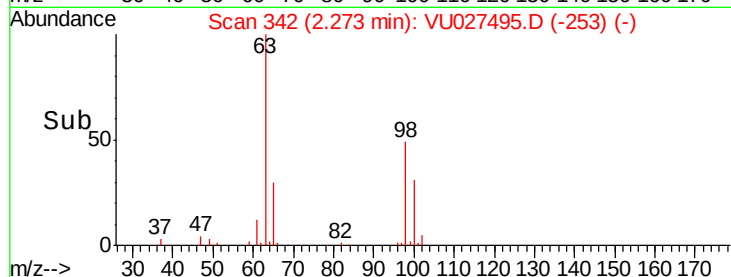
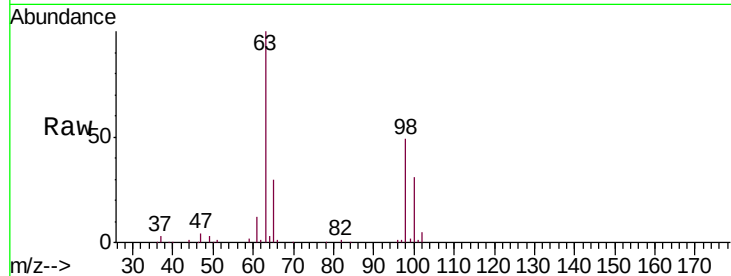




#12
 1,1-Dichloroethene
 Concen: 0.569 ug/L
 RT: 2.27 min Scan# 342
 Delta R.T. -0.01 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

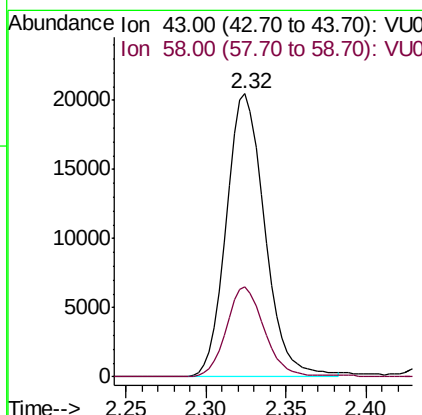
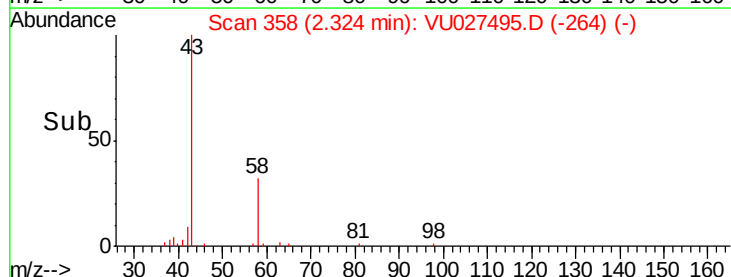
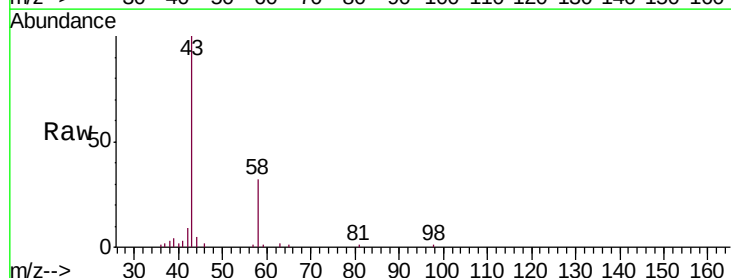
Instrument :
 MSVOA_U
 ClientSampled :
 C0908

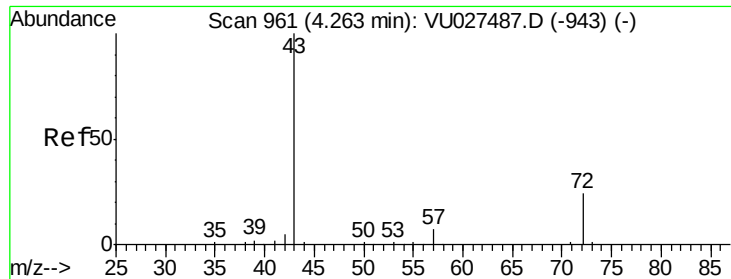
Tgt Ion: 96 Resp: 716
 Ion Ratio Lower Upper
 96 100
 61 1473.3 135.2 251.0#
 63 12461.1 94.3 175.1#



#13
 Acetone
 Concen: 33.173 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

Tgt Ion: 43 Resp: 33672
 Ion Ratio Lower Upper
 43 100
 58 31.0 0.0 60.8





#22

2-Butanone

Concen: 1.560 ug/L

RT: 4.28 min Scan# 967

Delta R.T. 0.02 min

Lab File: VU027495.D

Acq: 08 Oct 2018 13:19

Instrument :

MSVOA_U

ClientSampleId :

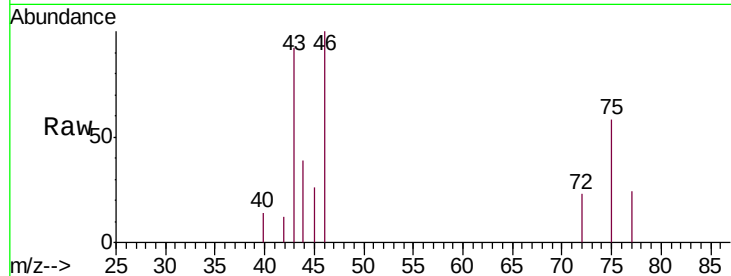
C0908

Tgt Ion: 43 Resp: 2267

Ion Ratio Lower Upper

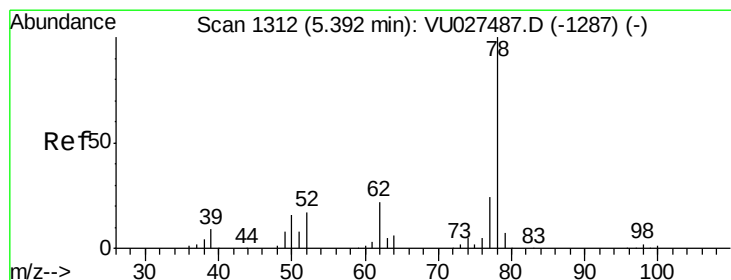
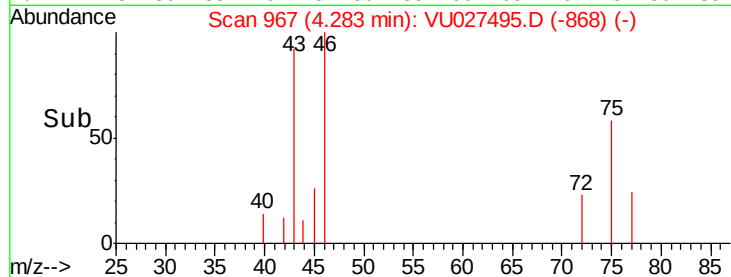
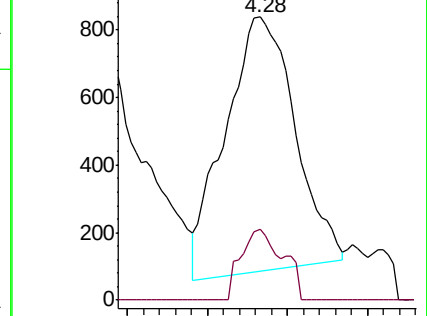
43 100

72 13.4 11.9 35.5



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#33

Benzene

Concen: 1.170 ug/L

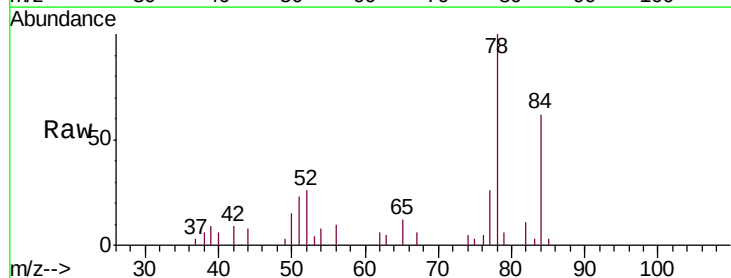
RT: 5.40 min Scan# 1314

Delta R.T. 0.01 min

Lab File: VU027495.D

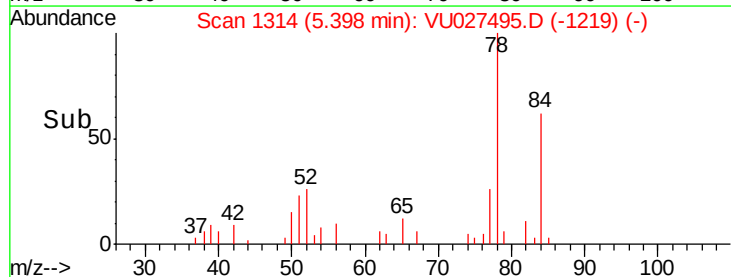
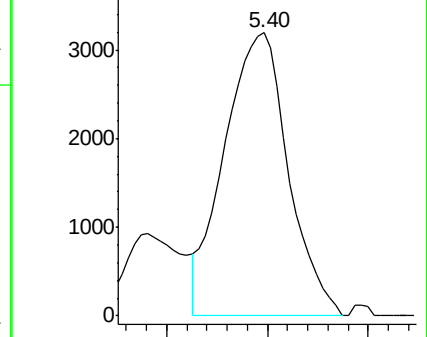
Acq: 08 Oct 2018 13:19

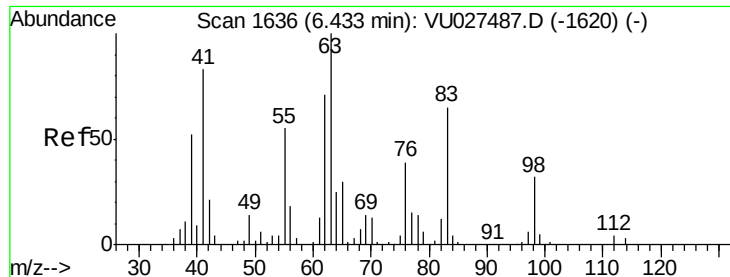
Tgt Ion: 78 Resp: 7054



Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 84.00 (83.70 to 84.70): VU0

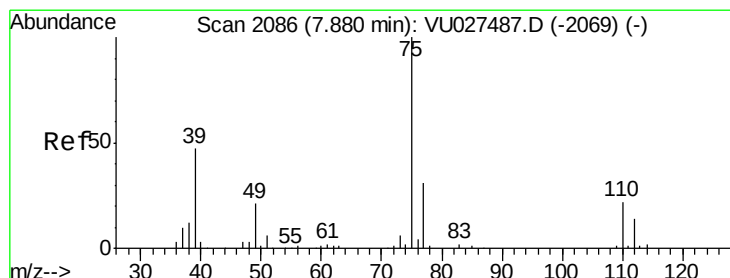
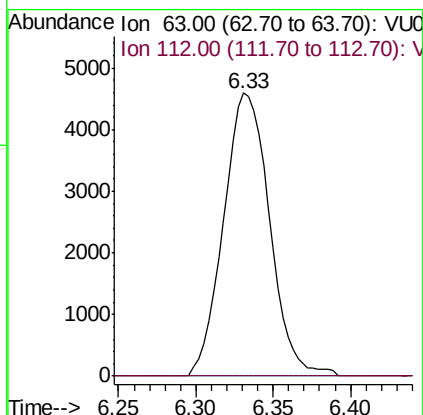
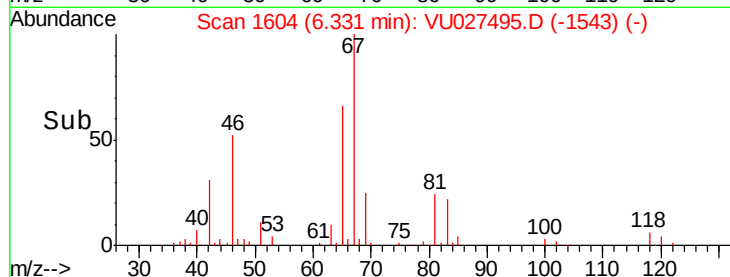
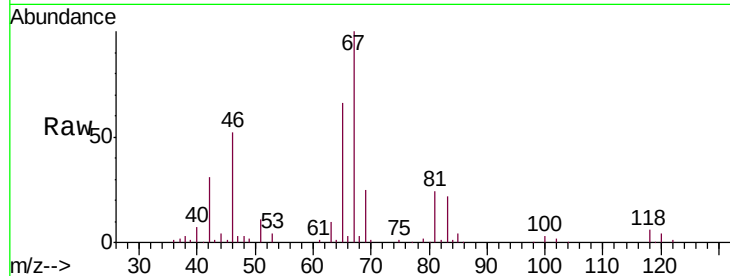




#37
 1,2-Dichloropropane
 Concen: 5.441 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

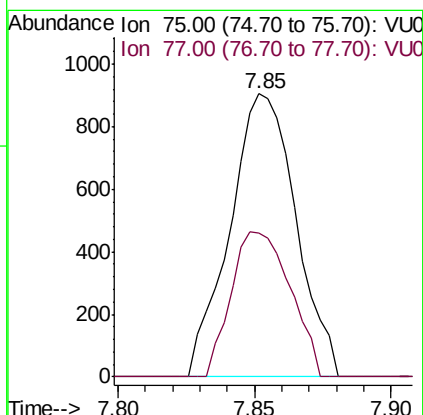
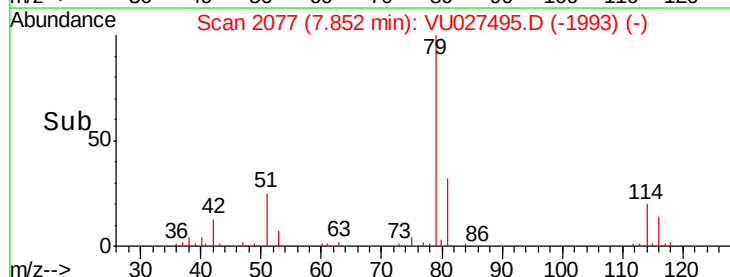
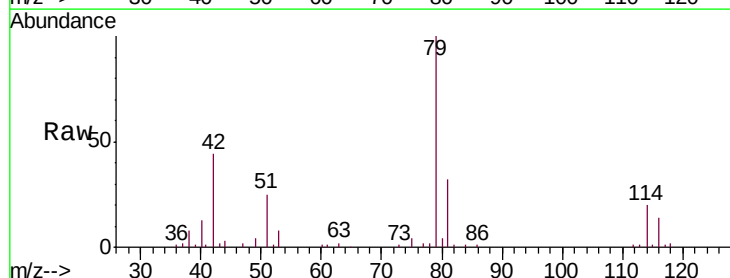
Instrument :
 MSVOA_U
 ClientSampled :
 C0908

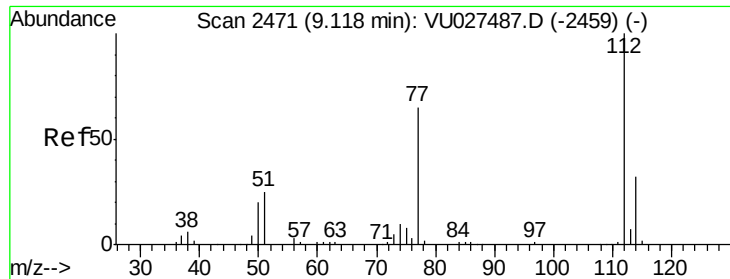
Tgt Ion: 63 Resp: 9502
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.638 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

Tgt Ion: 75 Resp: 1520
 Ion Ratio Lower Upper
 75 100
 77 50.7 22.2 41.2#

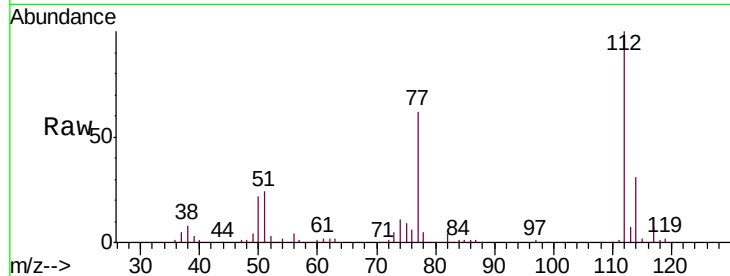




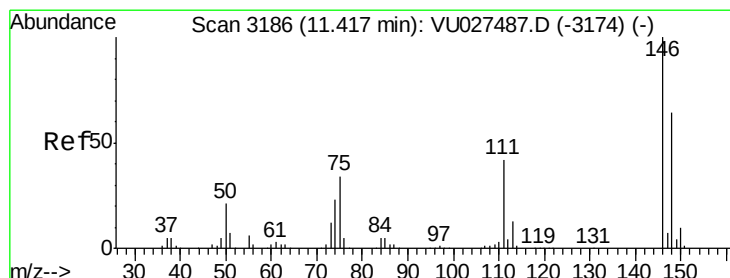
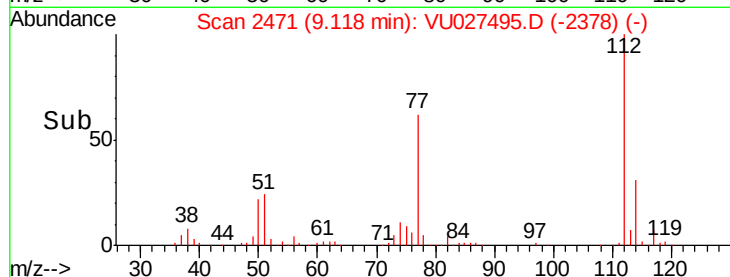
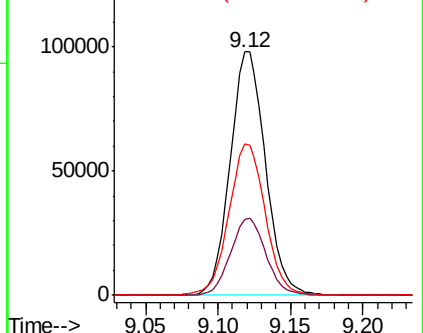
#51
Chlorobenzene
Concen: 43.323 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU027495.D
Acq: 08 Oct 2018 13:19

Instrument :
MSVOA_U
ClientSampleId :
C0908

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.1	22.3	41.5
77	62.0	51.7	77.5

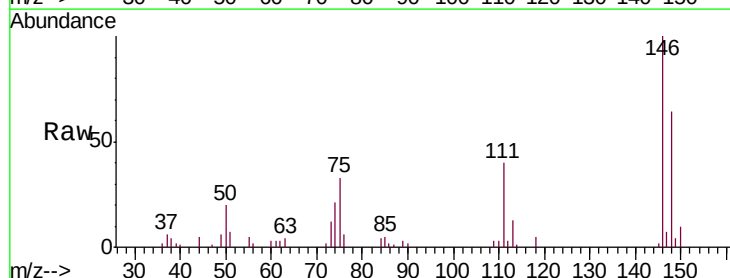


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

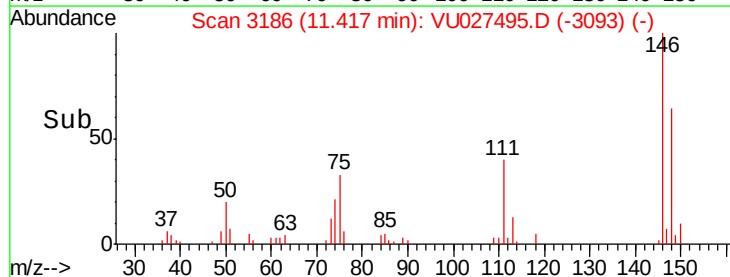
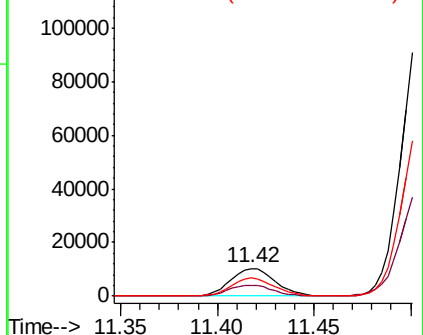


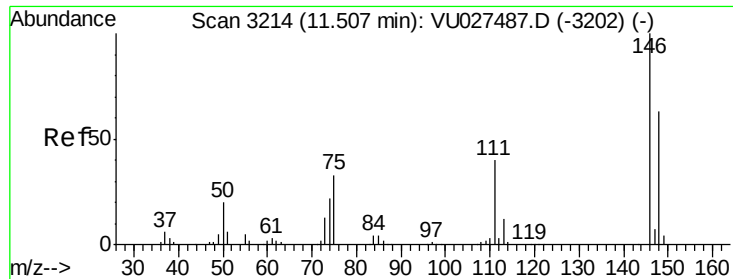
#62
1,3-Dichlorobenzene
Concen: 5.987 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU027495.D
Acq: 08 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	29.0	53.8
148	64.0	45.4	84.2



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

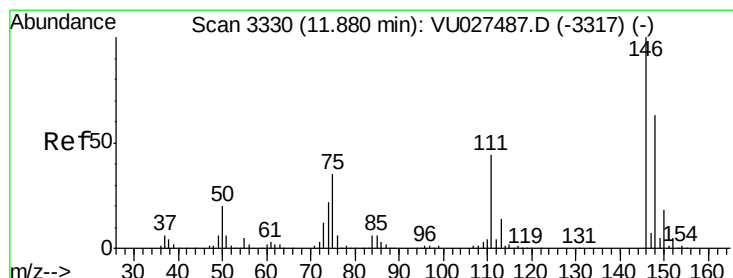
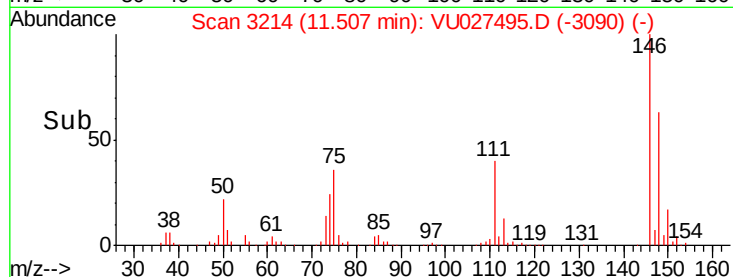
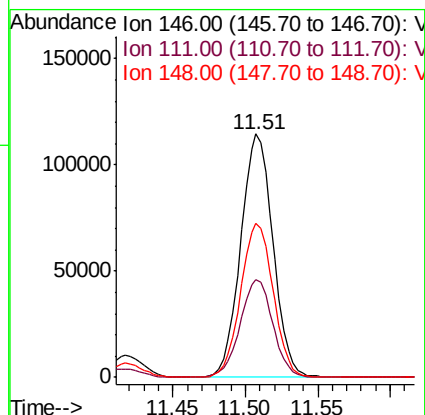
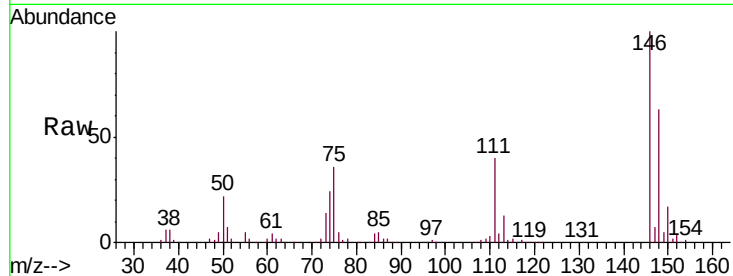




#63
 1,4-Dichlorobenzene
 Concen: 62.033 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

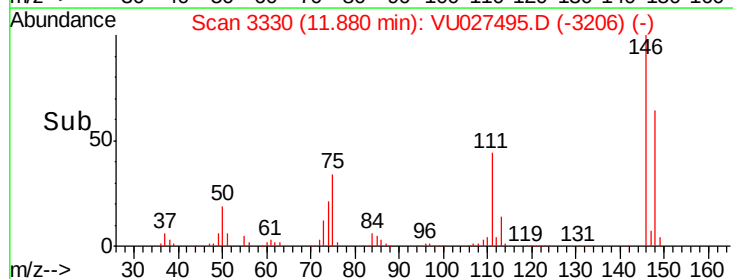
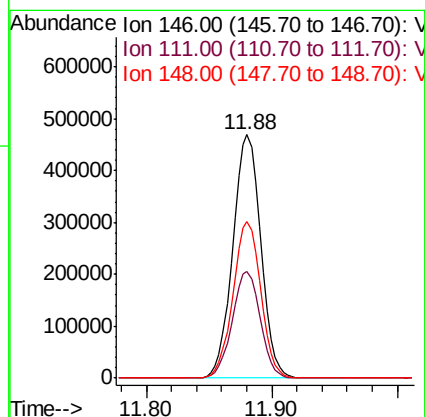
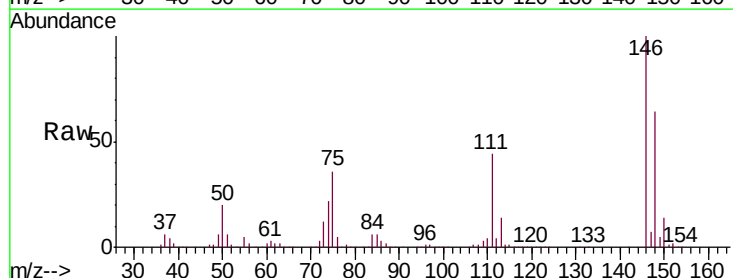
Instrument :
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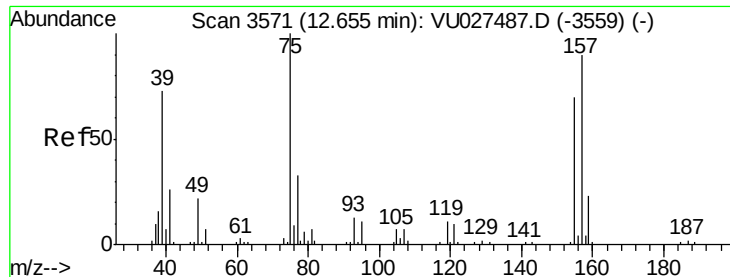
Tgt Ion:146 Resp: 177527
 Ion Ratio Lower Upper
 146 100
 111 40.3 28.1 52.1
 148 63.2 44.4 82.5



#65
 1,2-Dichlorobenzene
 Concen: 259.490 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

Tgt Ion:146 Resp: 724734
 Ion Ratio Lower Upper
 146 100
 111 43.7 34.9 52.3
 148 64.5 51.6 77.4

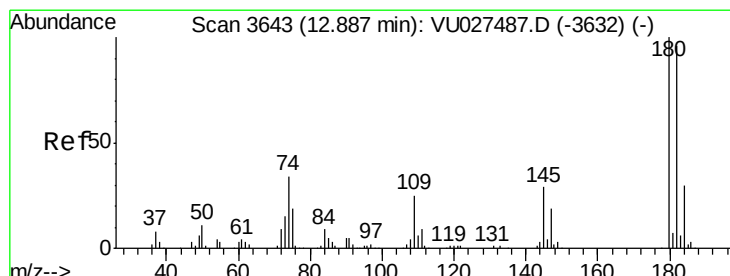
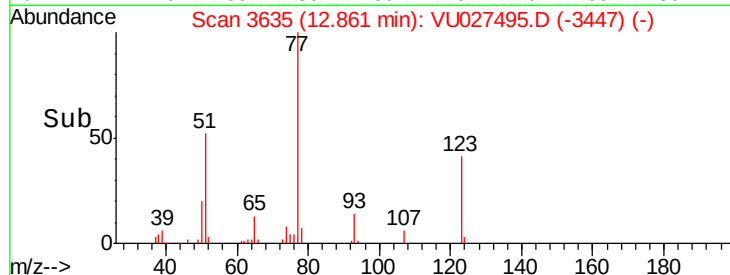
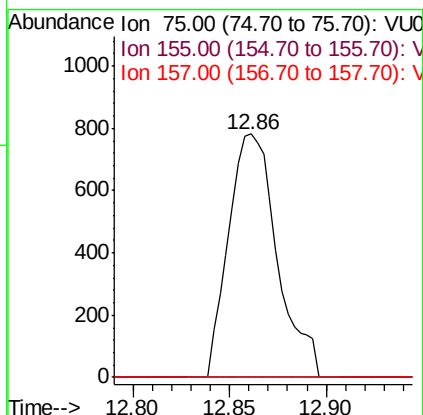
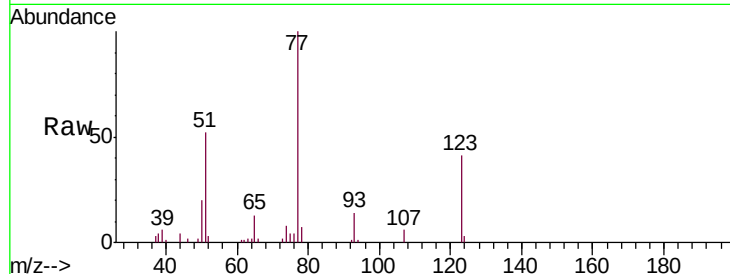




#66
 1,2-Dibromo-3-chloropropane
 Concen: 2.650 ug/L
 RT: 12.86 min Scan# 3635
 Delta R.T. 0.21 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

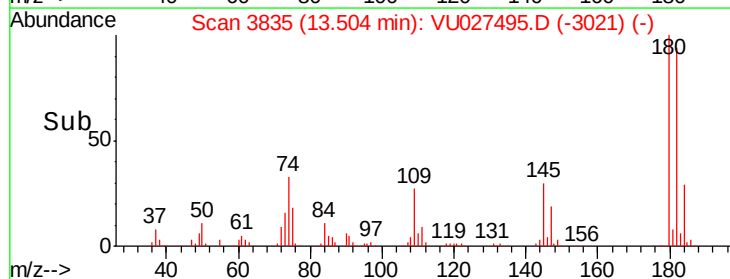
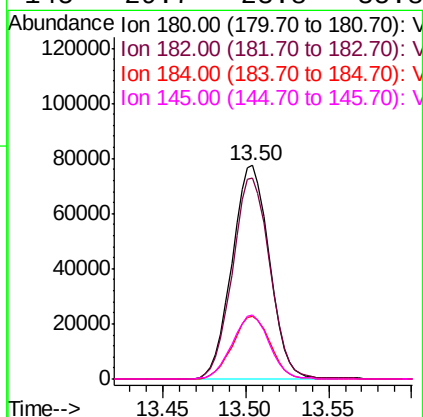
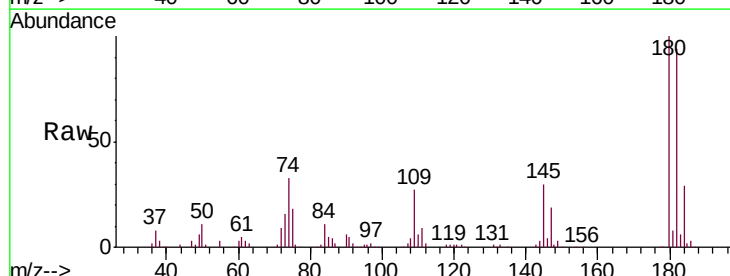
Instrument :
 MSVOA_U
 ClientSampled :
 C0908

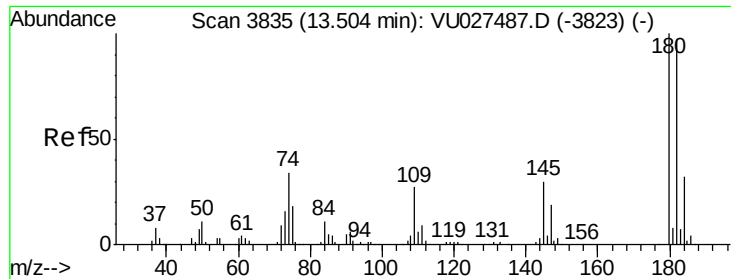
Tgt Ion: 75 Resp: 1372
 Ion Ratio Lower Upper
 75 100
 155 0.0 61.0 91.6#
 157 0.0 77.8 116.8#



#67
 1,3,5-Trichlorobenzene
 Concen: 57.478 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.62 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

Tgt Ion: 180 Resp: 121837
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.7 115.1
 184 29.6 24.5 36.7
 145 29.7 23.8 35.8

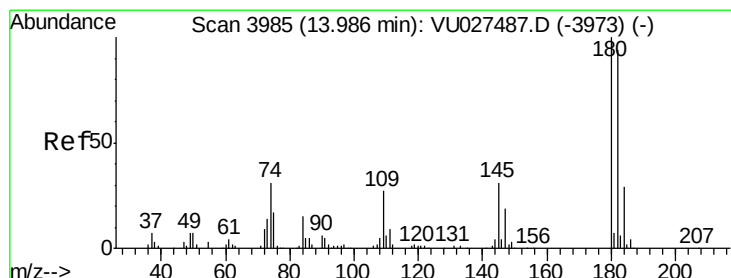
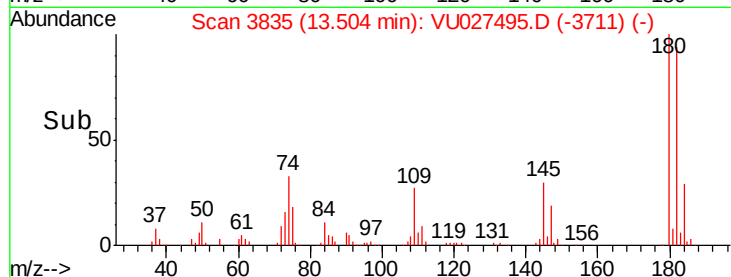
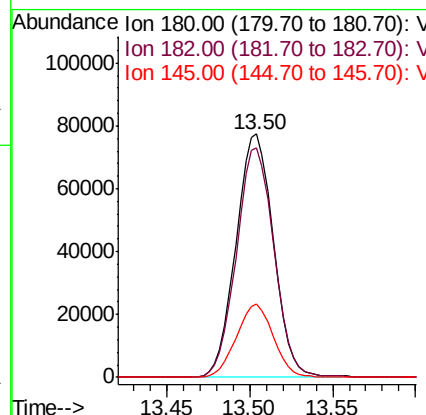
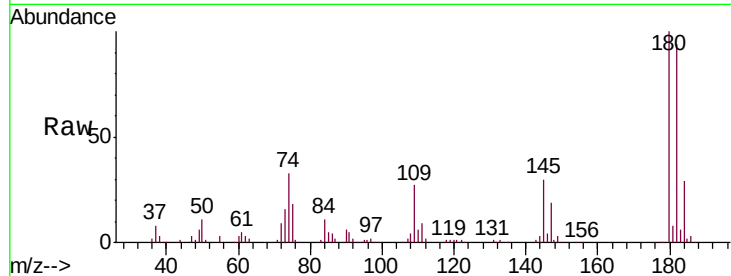




#68
 1,2,4-trichlorobenzene
 Concen: 62.502 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.3	114.5
145	29.7	24.2	36.2



#70
 1,2,3-Trichlorobenzene
 Concen: 41.506 ug/L
 RT: 13.99 min Scan# 3985
 Delta R.T. 0.00 min
 Lab File: VU027495.D
 Acq: 08 Oct 2018 13:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.4	116.0
145	31.3	25.5	38.3

