

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100518\
 Data File : VU027451.D
 Acq On : 05 Oct 2018 14:31
 Operator : MD/SY
 Sample : J5250-01 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0908

Quant Time: Oct 06 04:58:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 06 04:54:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	207076	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	192098	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	93763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75659	46.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.86%
7) Chloroethane-d5	1.68	69	57878	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.27	63	100961	33.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.06%
21) 2-Butanone-d5	4.18	46	135265	102.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.82%
24) Chloroform-d	4.65	84	116001	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.31	65	91037	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.34	84	275520	50.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.10%
36) 1,2-Dichloropropane-d6	6.33	67	96639	51.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.50%
41) Toluene-d8	7.57	98	238699	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%
43) trans-1,3-Dichloropropene-	7.85	79	44117	48.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.10%
47) 2-Hexanone-d5	8.31	63	97165	102.02	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122422	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	88872	48.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.90%

Target Compounds

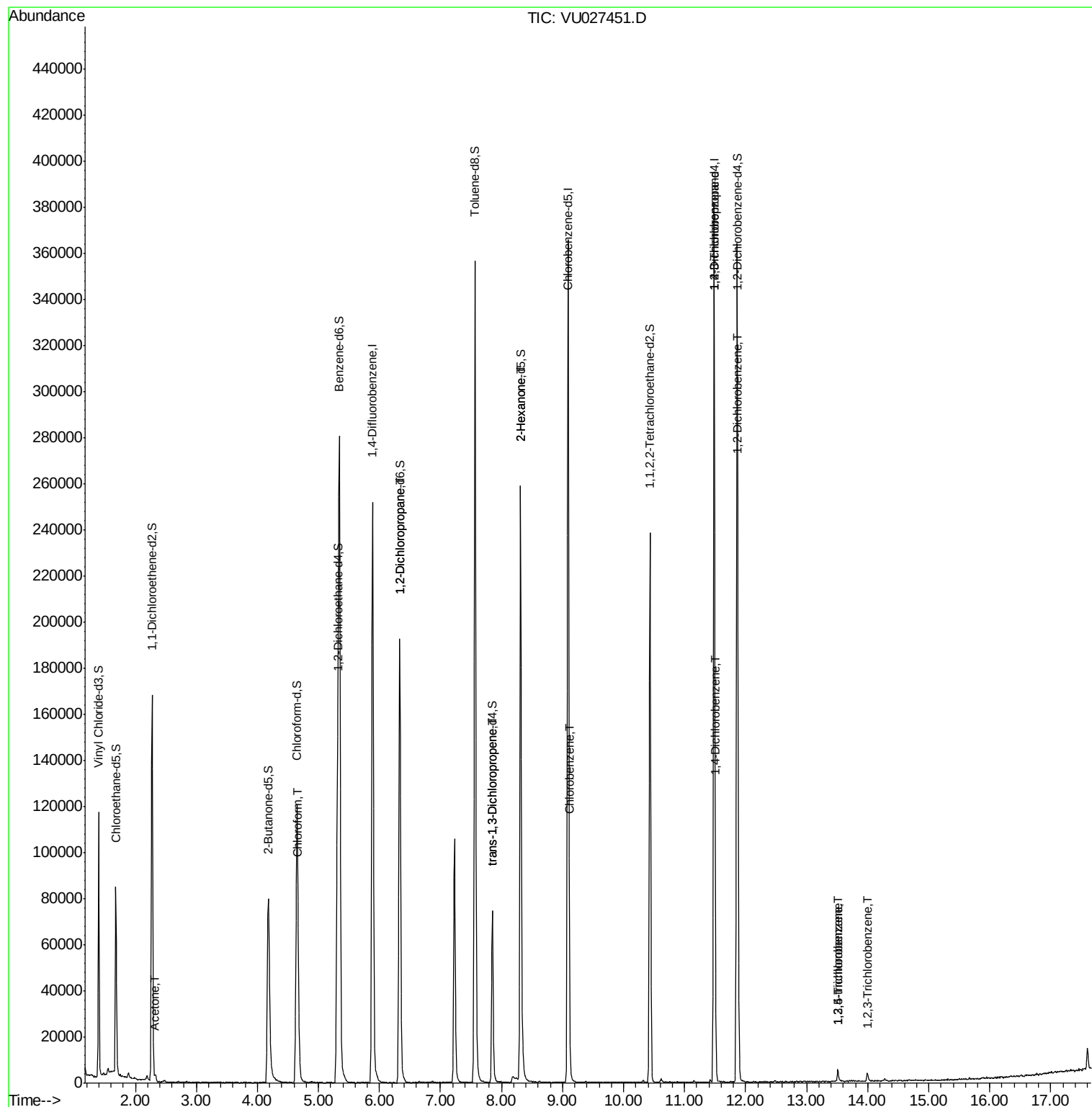
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acetone	2.32	43	1307	1.211	ug/L	87
25) Chloroform	4.68	83	15922	5.389	ug/L	98
37) 1,2-Dichloropropane	6.33	63	10223	5.590	ug/L #	89
44) trans-1,3-Dichloropropene	7.85	75	1754	0.703	ug/L	90
48) 2-Hexanone	8.31	43	11344	5.364	ug/L #	55
51) Chlorobenzene	9.12	112	3749	0.936	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	14248	6.881	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	3968	1.304	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	14666	4.937	ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	2117	0.939	ug/L	94
68) 1,2,4-trichlorobenzene	13.51	180	2117	1.021	ug/L	94
70) 1,2,3-Trichlorobenzene	14.00	180	1740	0.825	ug/L	95

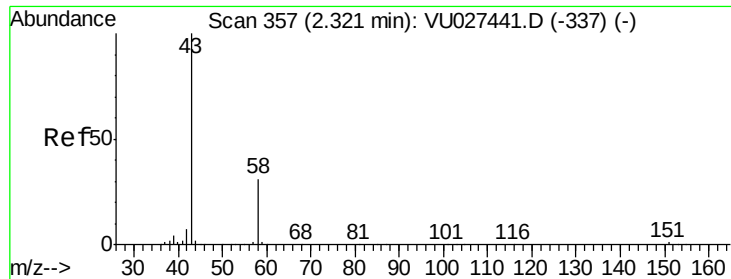
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.211 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU027451.D

Acq: 05 Oct 2018 14:31

Instrument :

MSVOA_U

ClientSampleId :

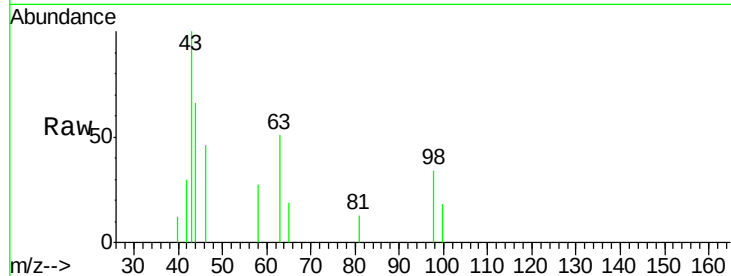
C0908

Tgt Ion: 43 Resp: 1307

Ion Ratio Lower Upper

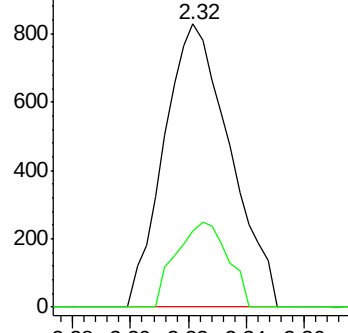
43 100

58 23.4 0.0 60.8

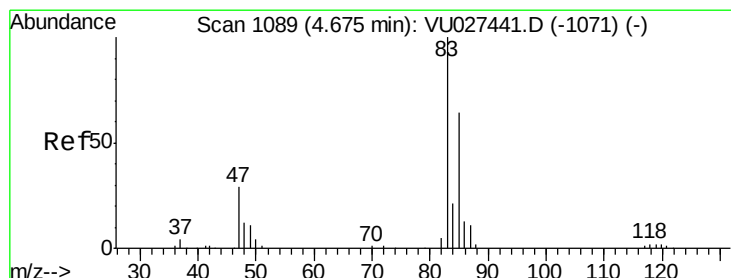
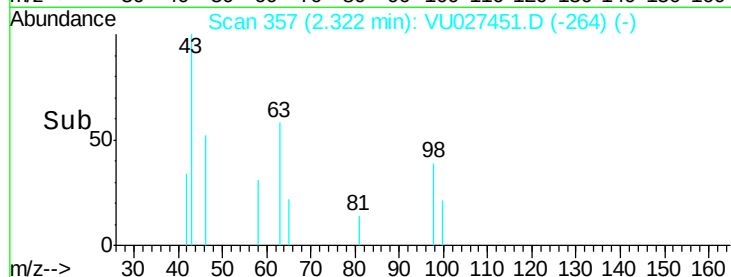


Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



Time--> 2.28 2.30 2.32 2.34 2.36



#25

Chloroform

Concen: 5.389 ug/L

RT: 4.68 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VU027451.D

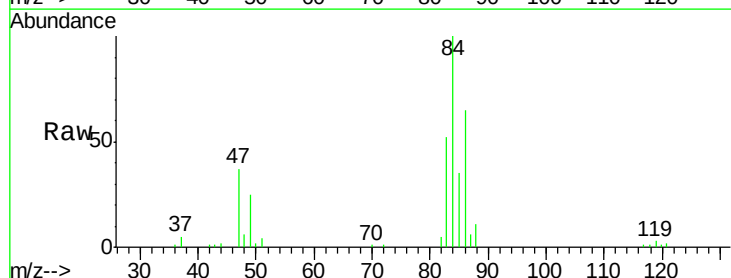
Acq: 05 Oct 2018 14:31

Tgt Ion: 83 Resp: 15922

Ion Ratio Lower Upper

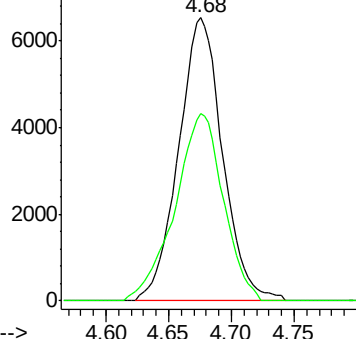
83 100

85 66.1 45.0 83.6

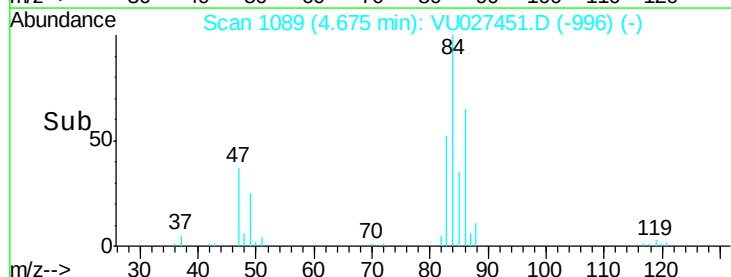


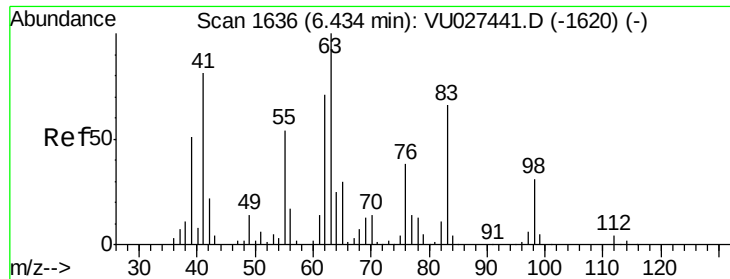
Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0



Time--> 4.60 4.65 4.70 4.75

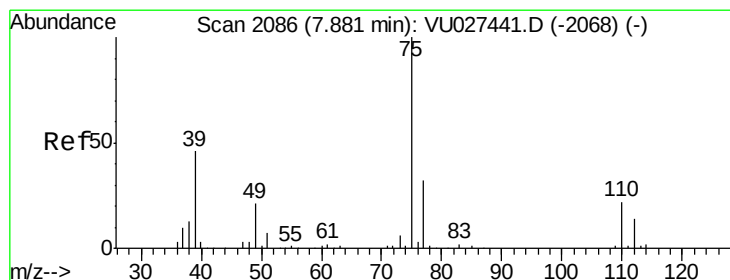
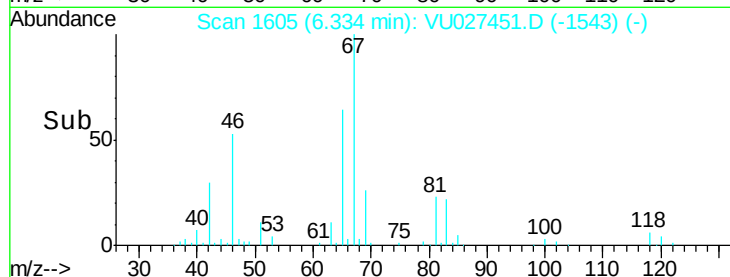
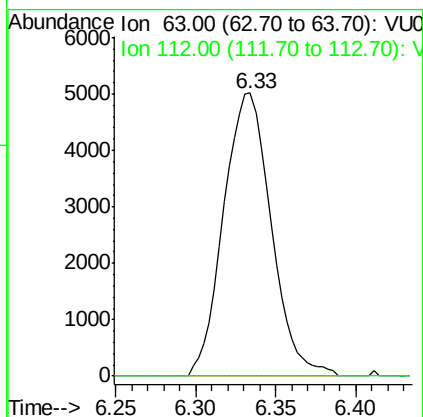
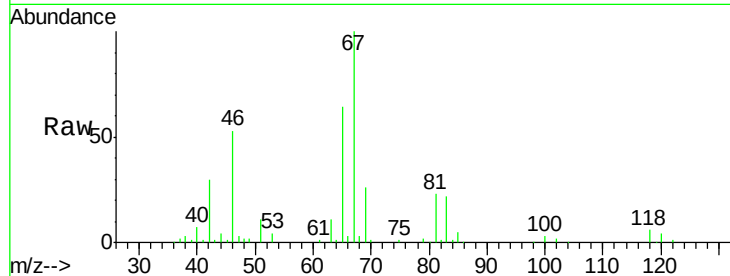




#37
 1,2-Dichloropropane
 Concen: 5.590 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

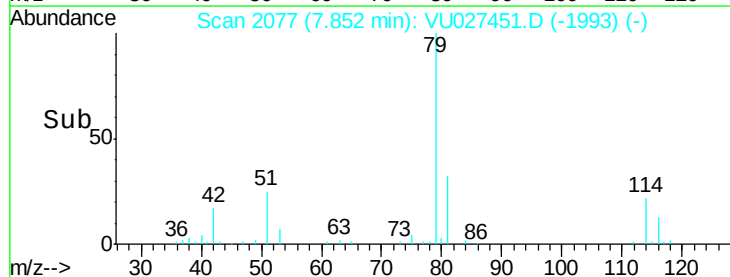
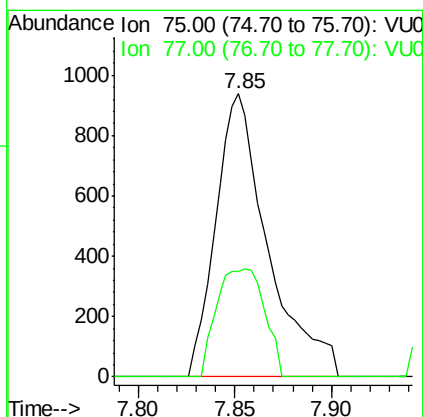
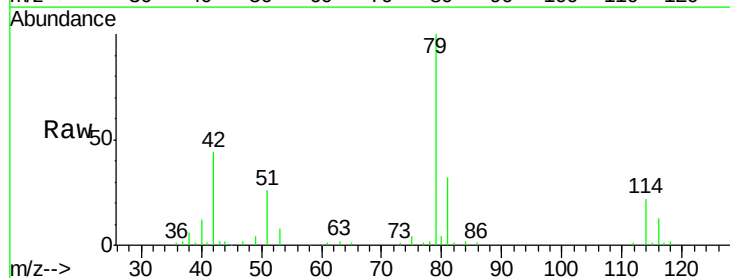
Instrument :
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 ClientSampleId :
 C0908

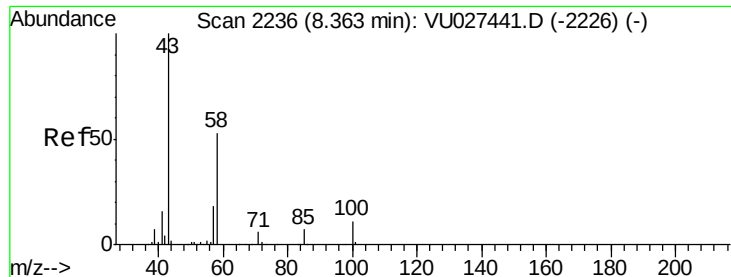
Tgt Ion: 63 Resp: 10223
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.9 4.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.703 ug/L
 RT: 7.85 min Scan# 2077
 Delta R.T. -0.03 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Tgt Ion: 75 Resp: 1754
 Ion Ratio Lower Upper
 75 100
 77 37.3 22.2 41.2

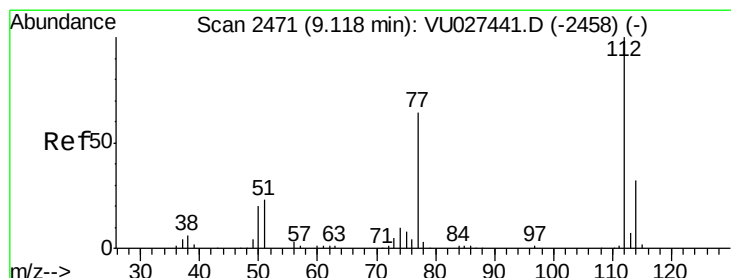
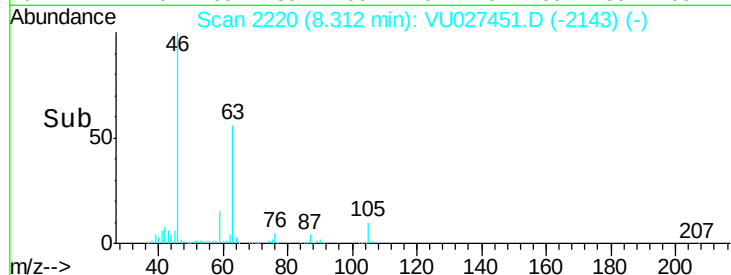
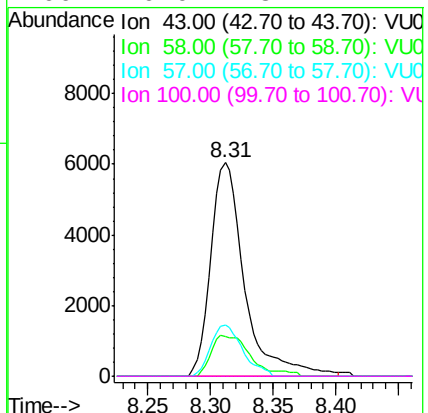
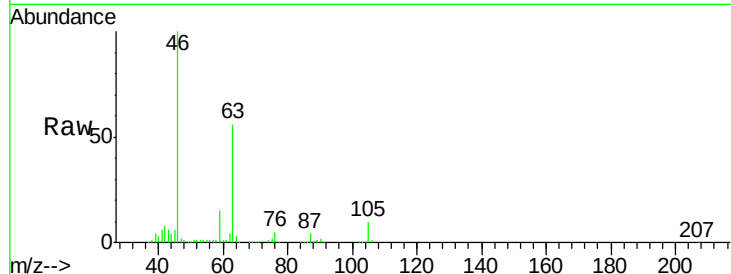




#48
 2-Hexanone
 Concen: 5.364 ug/L
 RT: 8.31 min Scan# 2220
 Delta R.T. -0.05 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

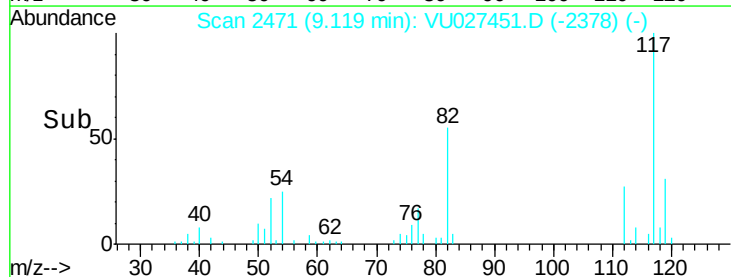
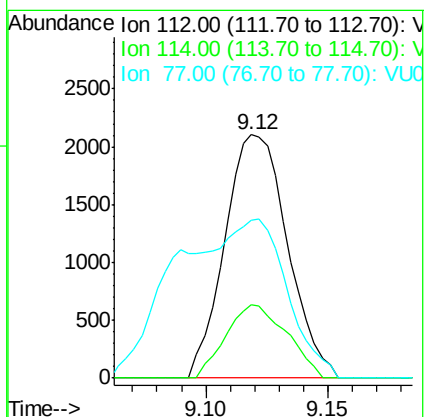
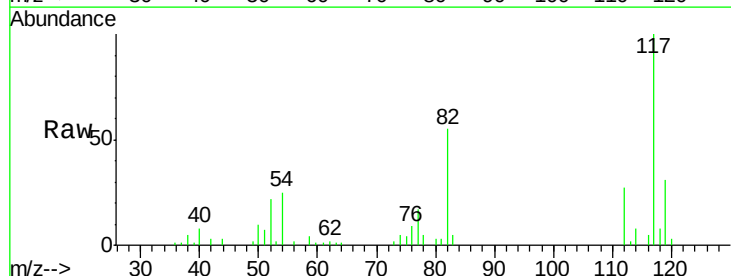
Instrument :
 MSVOA_U
 ClientSampleId :
 C0908

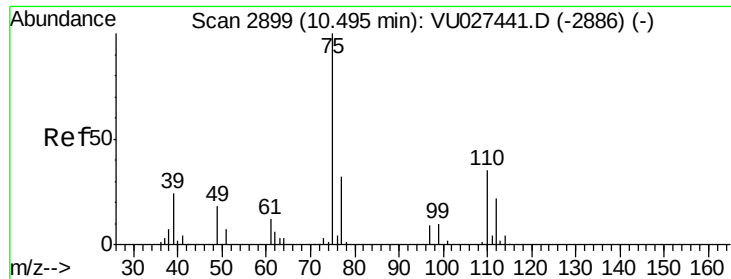
Tgt Ion: 43 Resp: 11344
 Ion Ratio Lower Upper
 43 100
 58 10.4 42.7 64.1#
 57 22.7 14.5 21.7#
 100 0.0 8.2 12.2#



#51
 Chlorobenzene
 Concen: 0.936 ug/L
 RT: 9.12 min Scan# 2471
 Delta R.T. 0.00 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Tgt Ion: 112 Resp: 3749
 Ion Ratio Lower Upper
 112 100
 114 30.4 22.3 41.5
 77 65.1 51.7 77.5

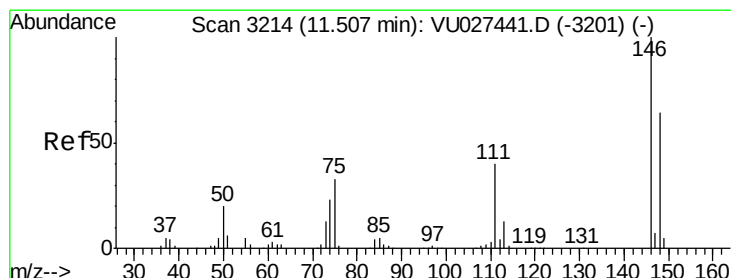
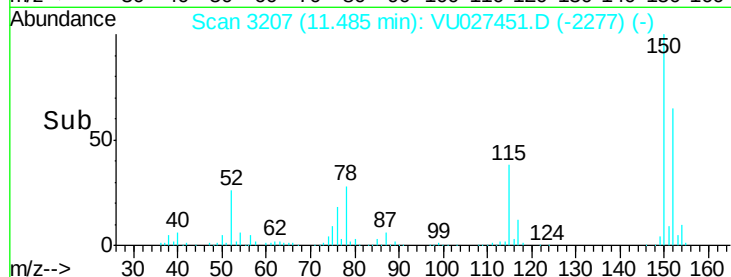
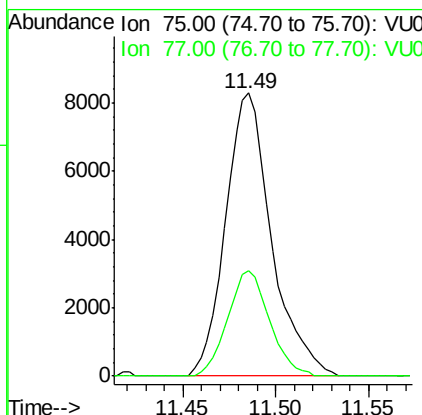
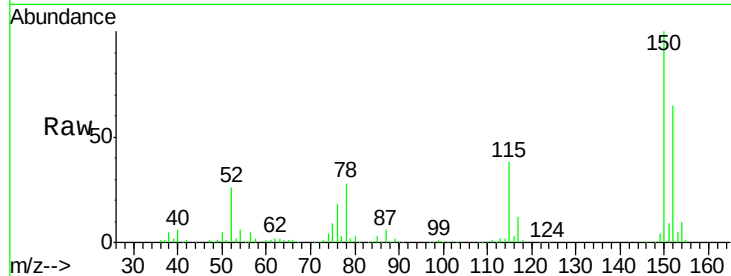




#59
 1,2,3-Trichloropropane
 Concen: 6.881 ug/L
 RT: 11.49 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

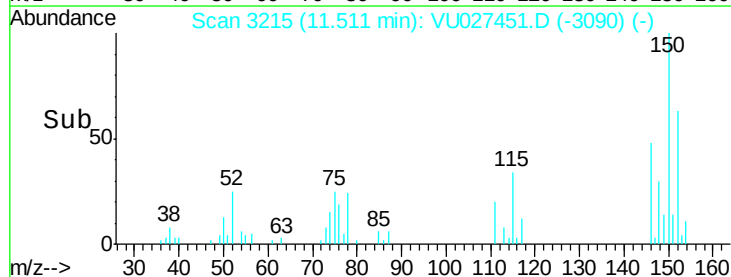
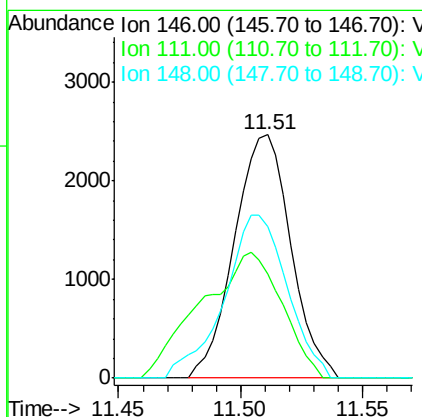
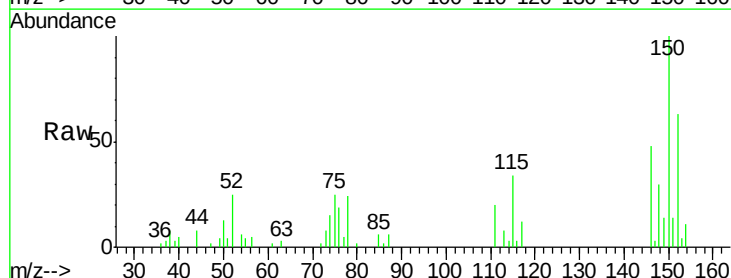
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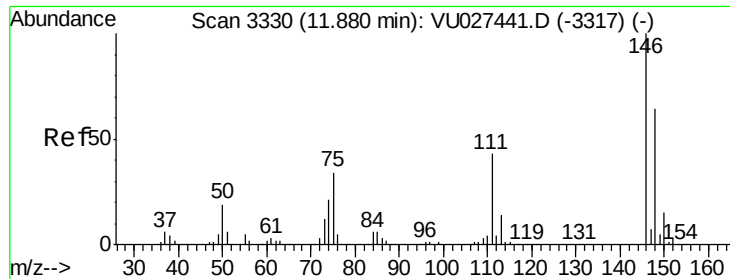
Tgt Ion: 75 Resp: 14248
 Ion Ratio Lower Upper
 75 100
 77 33.9 25.7 38.5



#63
 1,4-Dichlorobenzene
 Concen: 1.304 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Tgt Ion: 146 Resp: 3968
 Ion Ratio Lower Upper
 146 100
 111 42.7 28.1 52.1
 148 62.0 44.4 82.5

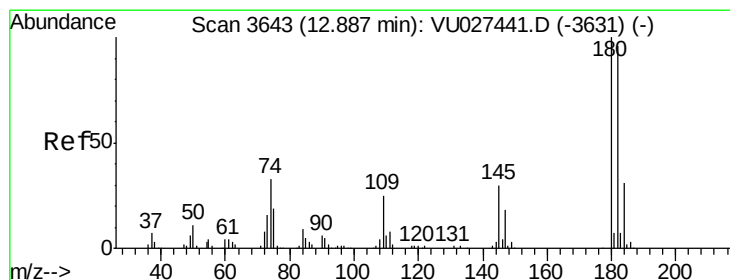
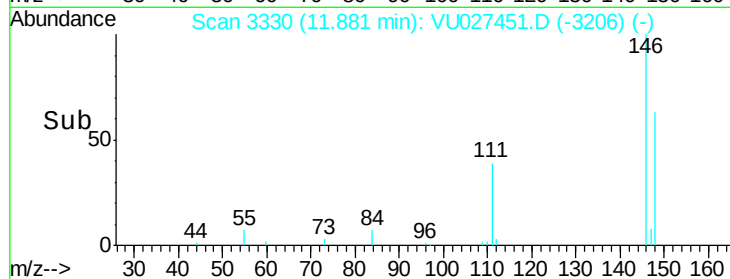
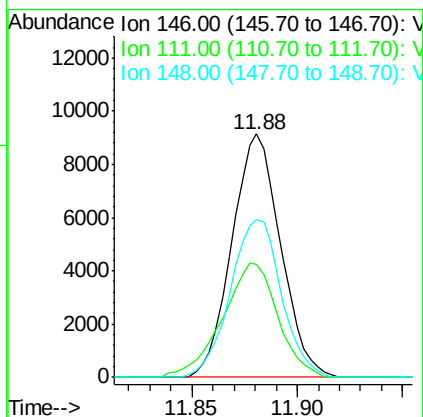
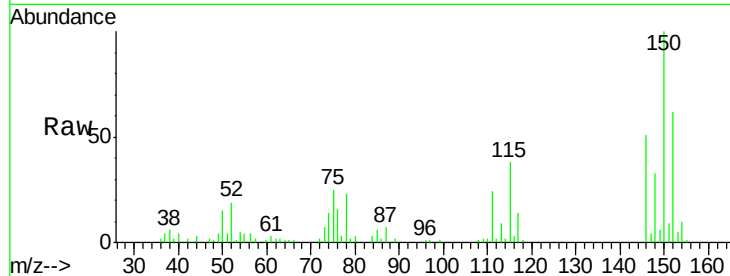




#65
 1,2-Dichlorobenzene
 Concen: 4.937 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

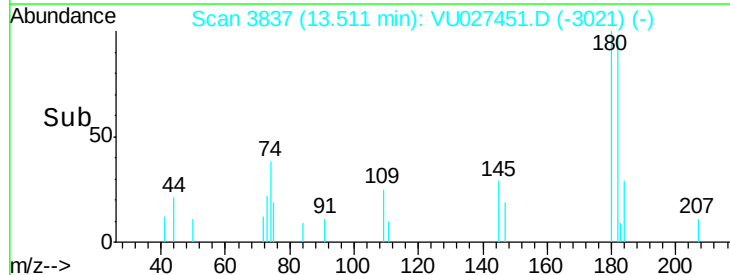
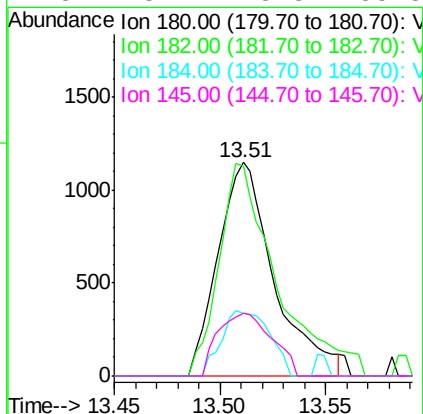
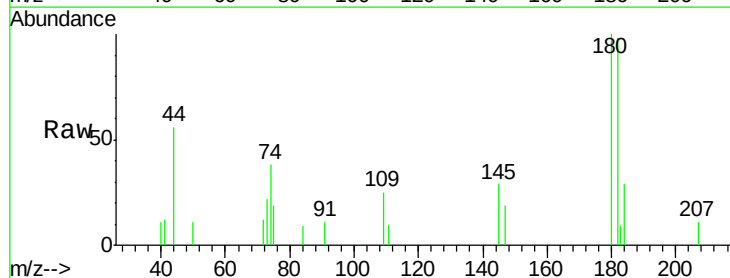
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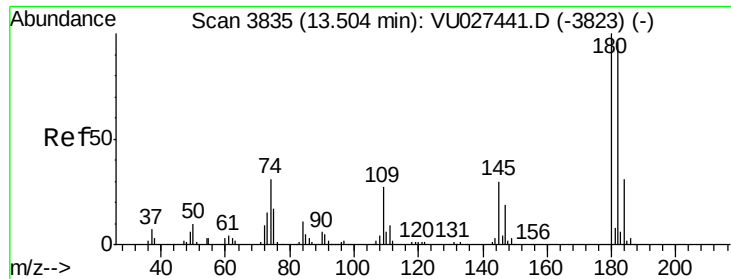
Tgt Ion:146 Resp: 14666
 Ion Ratio Lower Upper
 146 100
 111 46.3 34.9 52.3
 148 64.9 51.6 77.4



#67
 1,3,5-Trichlorobenzene
 Concen: 0.939 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.62 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Tgt Ion:180 Resp: 2117
 Ion Ratio Lower Upper
 180 100
 182 101.6 76.7 115.1
 184 26.2 24.5 36.7
 145 28.2 23.8 35.8

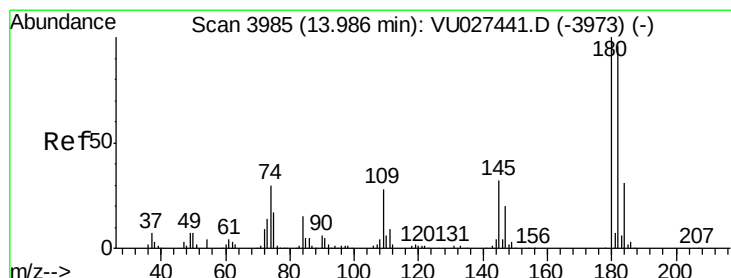
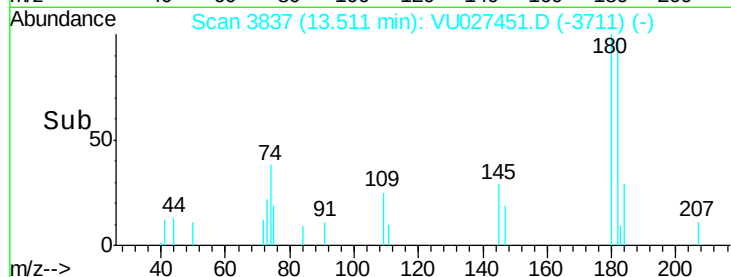
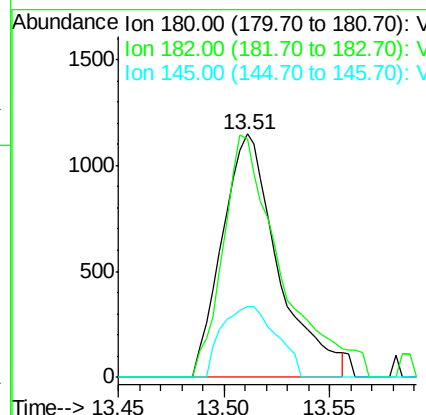
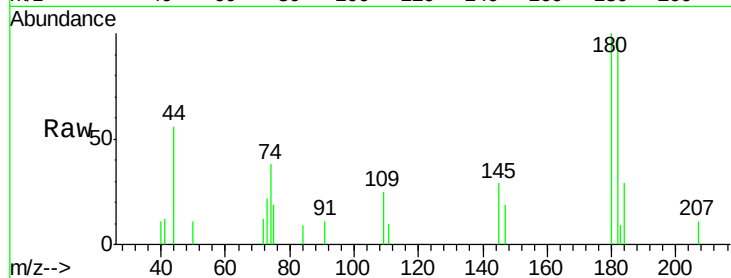




#68
 1,2,4-trichlorobenzene
 Concen: 1.021 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Instrument :
 MSVOA_U
 ClientSampleId :
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Tgt Ion:180 Resp: 2117
 Ion Ratio Lower Upper
 180 100
 182 101.6 76.3 114.5
 145 28.2 24.2 36.2



#70
 1,2,3-Trichlorobenzene
 Concen: 0.825 ug/L
 RT: 14.00 min Scan# 3988
 Delta R.T. 0.01 min
 Lab File: VU027451.D
 Acq: 05 Oct 2018 14:31

Tgt Ion:180 Resp: 1740
 Ion Ratio Lower Upper
 180 100
 182 99.2 77.4 116.0
 145 25.7 25.5 38.3

