

Data File : VU027854.D
Acq On : 29 Oct 2018 14:31
Operator : MD/SY
Sample : J5705-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Quant Time: Oct 30 02:31:25 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 30 02:27:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	114764	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	106191	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	47574	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34722	38.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.76%
7) Chloroethane-d5	1.68	69	27821	40.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.94%
11) 1,1-Dichloroethene-d2	2.27	63	49882	31.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.04%
21) 2-Butanone-d5	4.18	46	64854	85.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.23%
24) Chloroform-d	4.65	84	64413	40.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.26%
26) 1,2-Dichloroethane-d4	5.31	65	46751	42.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.12%
32) Benzene-d6	5.34	84	129554	42.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.68%
36) 1,2-Dichloropropane-d6	6.33	67	46687	43.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.48%
41) Toluene-d8	7.57	98	118384	42.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.88%
43) trans-1,3-Dichloropropene-	7.85	79	18122	34.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.12%
47) 2-Hexanone-d5	8.31	63	48201	87.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58359	41.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	42496	43.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.22%

Target Compounds

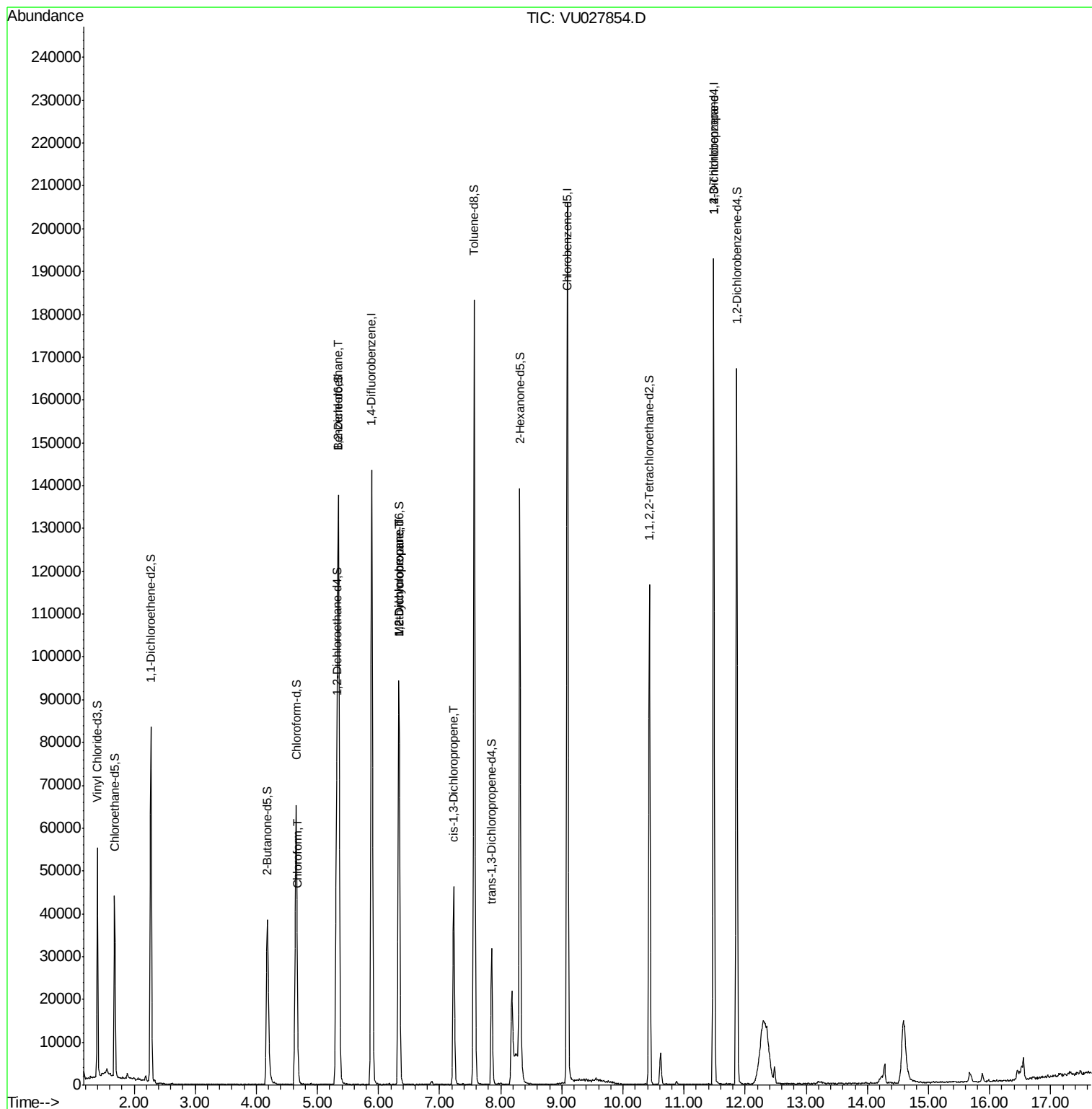
					Qvalue
25) Chloroform	4.68	83	1016	0.682 ug/L	85
27) 1,2-Dichloroethane	5.34	62	694	0.537 ug/L #	78
35) Methylcyclohexane	6.33	83	10042	7.342 ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5010	5.368 ug/L #	90
39) cis-1,3-Dichloropropene	7.22	75	994	0.692 ug/L #	44
59) 1,2,3-Trichloropropane	11.48	75	6201	5.621 ug/L	94

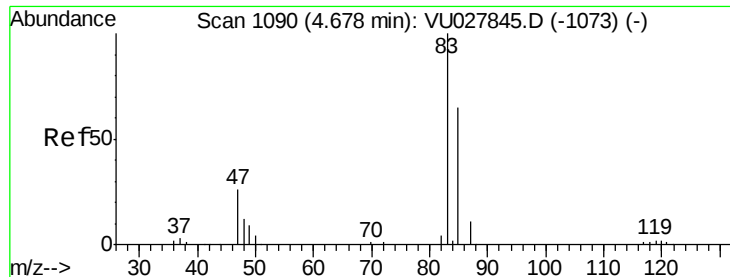
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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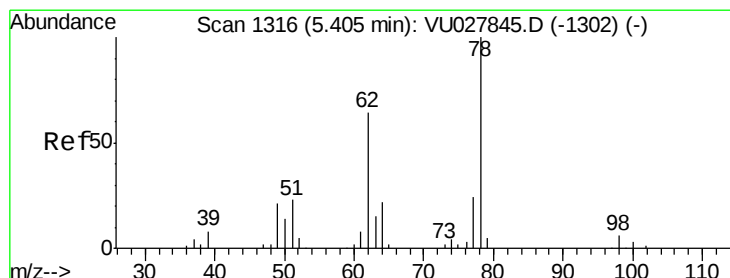
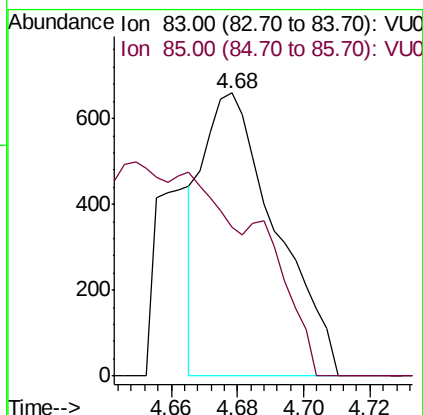
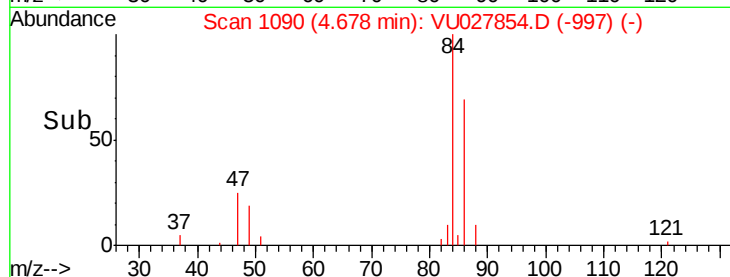
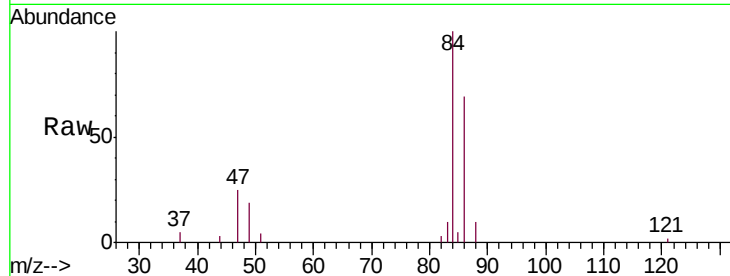




#25
Chloroform
Concen: 0.682 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027854.D
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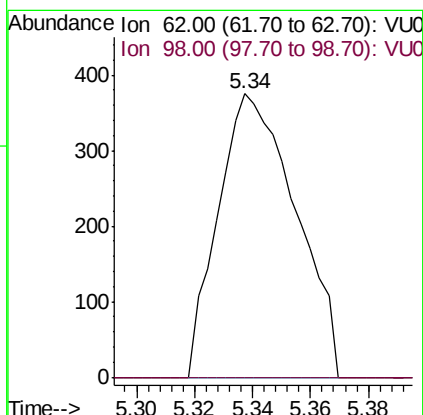
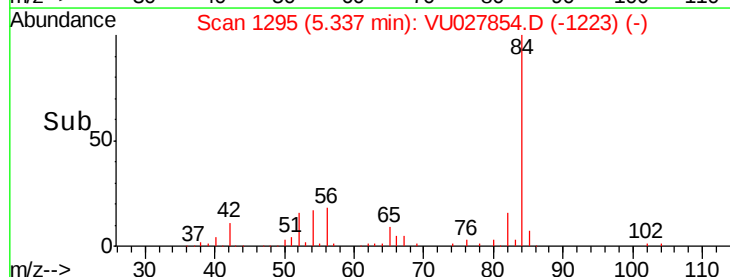
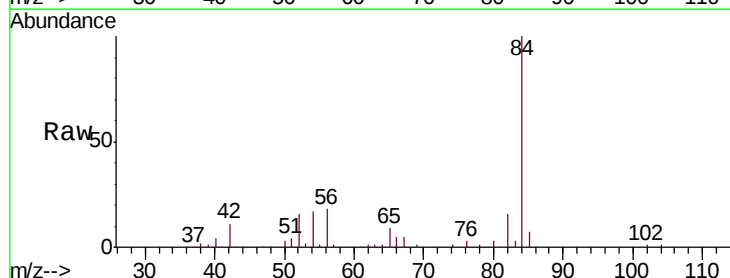
Instrument :
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VHBLK02

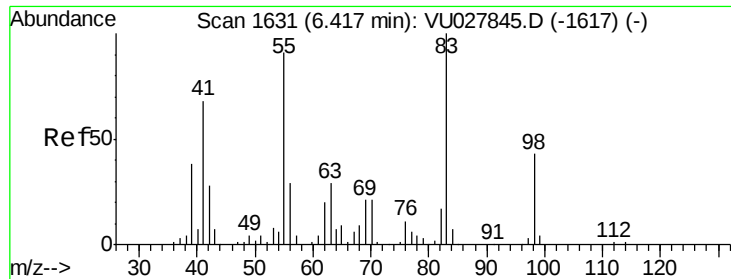
Tgt Ion: 83 Resp: 1016
Ion Ratio Lower Upper
83 100
85 52.8 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.537 ug/L
RT: 5.34 min Scan# 1295
Delta R.T. -0.07 min
Lab File: VU027854.D
Acq: 29 Oct 2018 14:31

Tgt Ion: 62 Resp: 694
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#

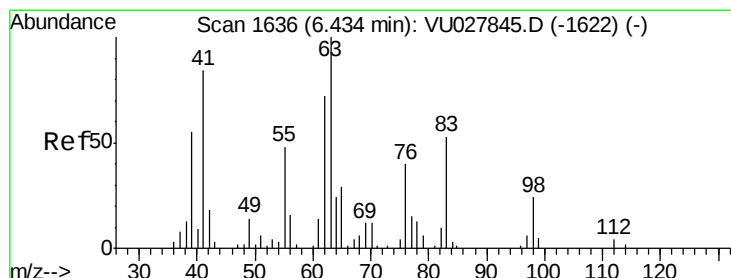
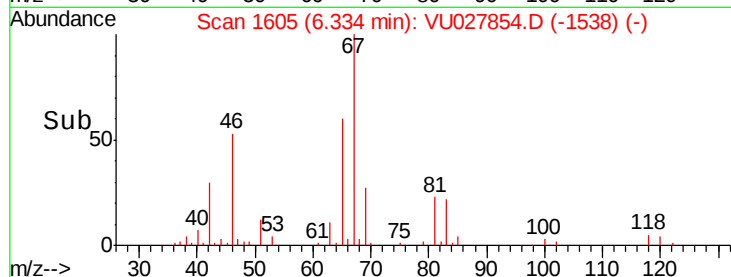
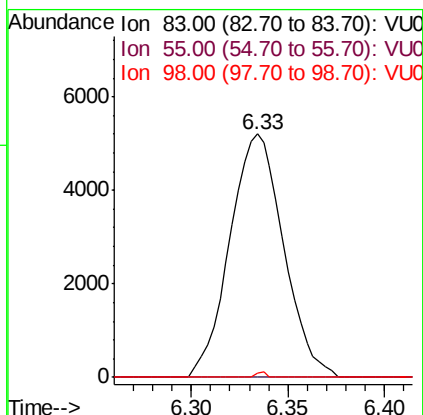
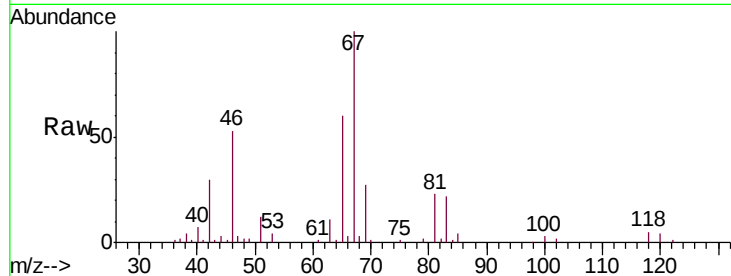




#35
Methylcyclohexane
Concen: 7.342 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027854.D
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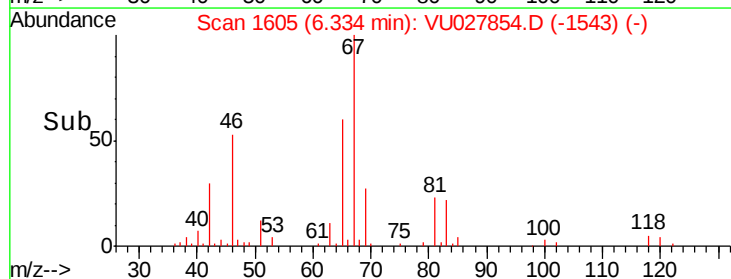
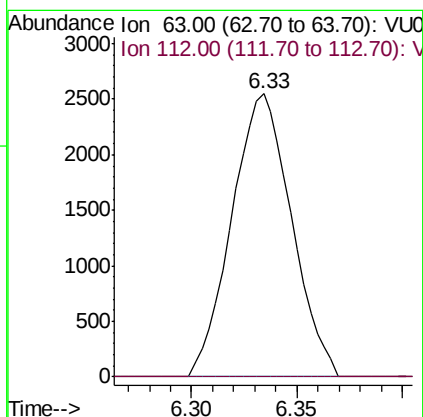
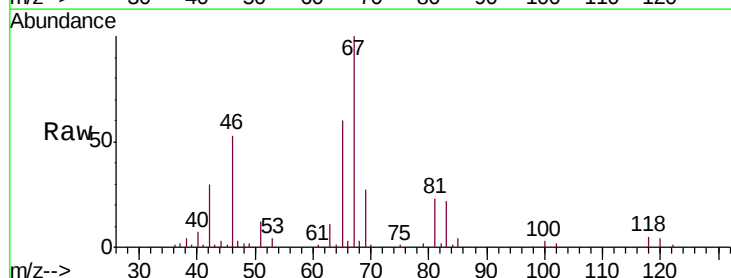
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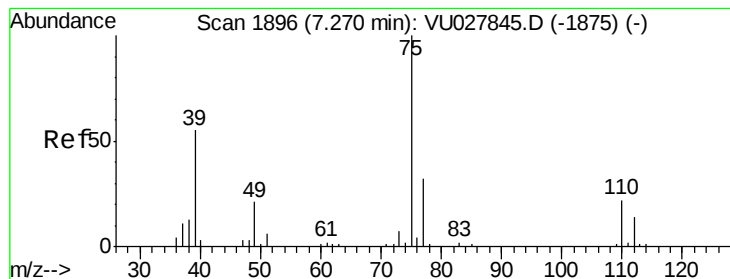
Tgt Ion: 83 Resp: 10042
Ion Ratio Lower Upper
83 100
55 0.0 71.9 107.9#
98 0.4 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 5.368 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027854.D
Acq: 29 Oct 2018 14:31

Tgt Ion: 63 Resp: 5010
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



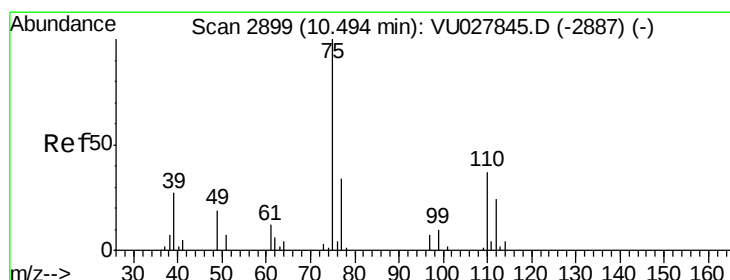
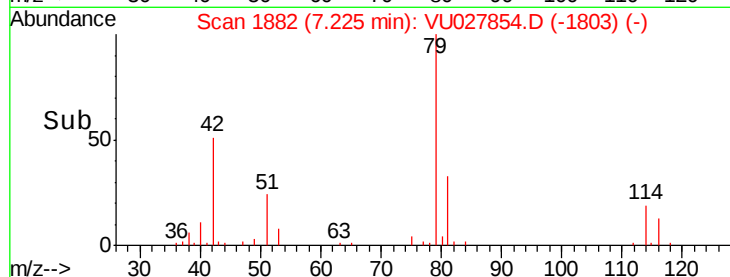
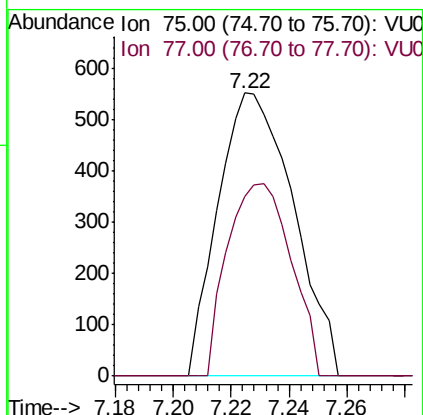
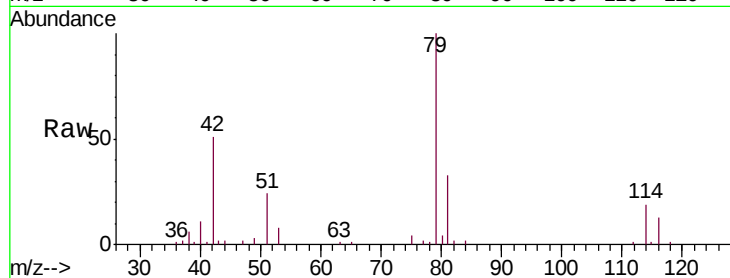


#39

cis-1,3-Dichloropropene
 Concen: 0.692 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU027854.D
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 VHBLK02

Tgt Ion: 75 Resp: 994
 Ion Ratio Lower Upper
 75 100
 77 63.6 22.5 41.7#



#59

1,2,3-Trichloropropane
 Concen: 5.621 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU027854.D
 Acq: 29 Oct 2018 14:31

Tgt Ion: 75 Resp: 6201
 Ion Ratio Lower Upper
 75 100
 77 36.3 26.5 39.7

