

Data File : VU027850.D
Acq On : 29 Oct 2018 12:58
Operator : MD/SY
Sample : J5668-03DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBP9DL

Quant Time: Oct 30 02:30:46 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	108543	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	102593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	48660	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33190	39.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.60%
7) Chloroethane-d5	1.68	69	26289	40.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.86%
11) 1,1-Dichloroethene-d2	2.27	63	47668	31.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.68%
21) 2-Butanone-d5	4.18	46	63516	88.25	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.25%
24) Chloroform-d	4.65	84	63302	41.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.38%
26) 1,2-Dichloroethane-d4	5.31	65	46156	43.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.80%
32) Benzene-d6	5.34	84	124610	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
36) 1,2-Dichloropropane-d6	6.33	67	44697	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.70%
41) Toluene-d8	7.57	98	115752	42.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.90%
43) trans-1,3-Dichloropropene-	7.85	79	21028	41.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.02%
47) 2-Hexanone-d5	8.31	63	46801	87.67	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	57192	42.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	44415	44.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.12%

Target Compounds

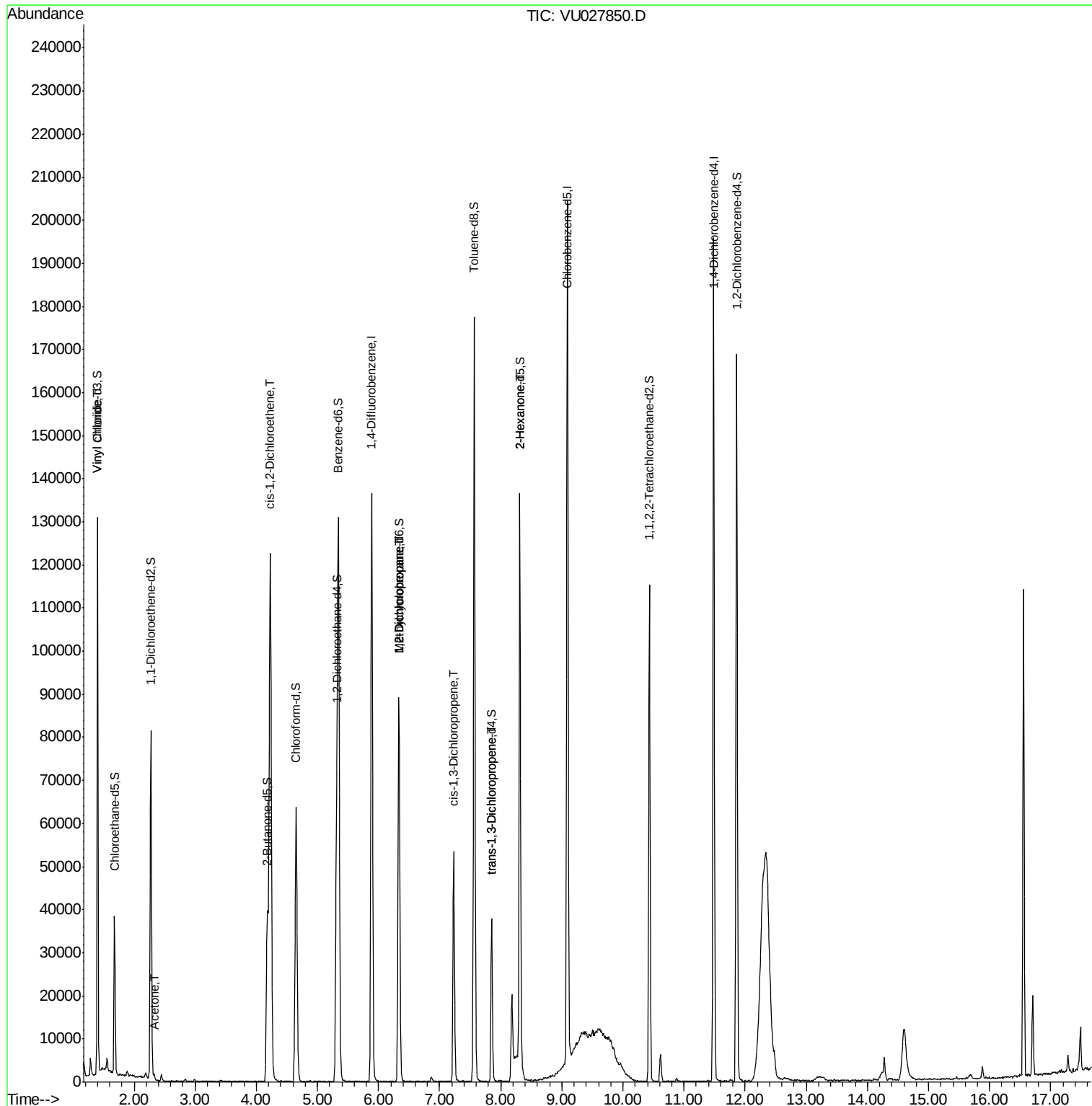
					Qvalue
5) Vinyl chloride	1.41	62	52626	53.690	ug/L 100
13) Acetone	2.32	43	930	1.855	ug/L 69
20) cis-1,2-Dichloroethene	4.23	96	63944	80.789	ug/L 95
35) Methylcyclohexane	6.33	83	9760	7.386	ug/L # 14
37) 1,2-Dichloropropane	6.33	63	4924	5.460	ug/L # 90
39) cis-1,3-Dichloropropene	7.22	75	1132	0.815	ug/L # 51
44) trans-1,3-Dichloropropene	7.85	75	712	0.542	ug/L 96
48) 2-Hexanone	8.31	43	5694	5.066	ug/L # 64

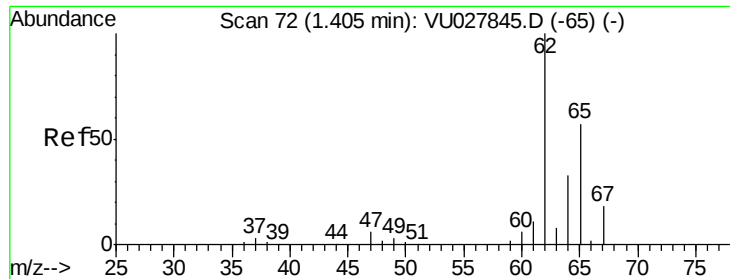
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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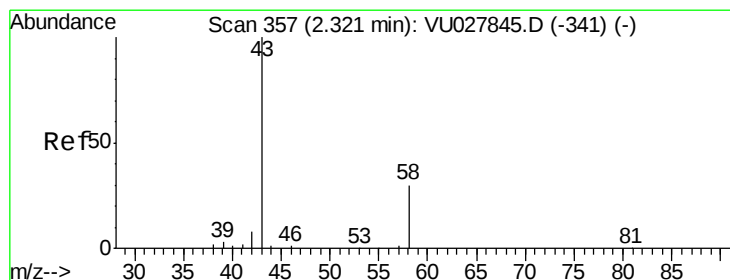
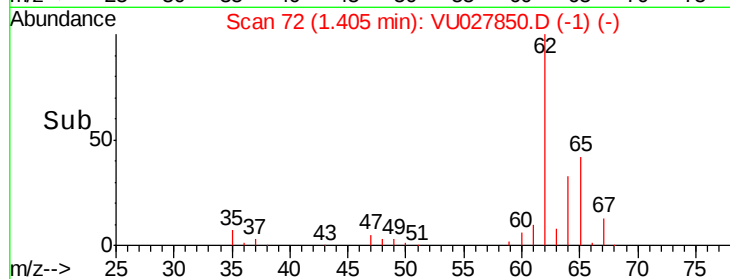
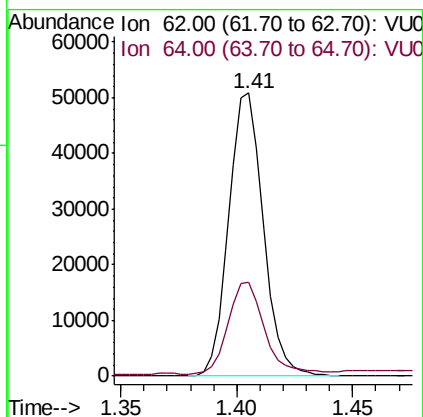
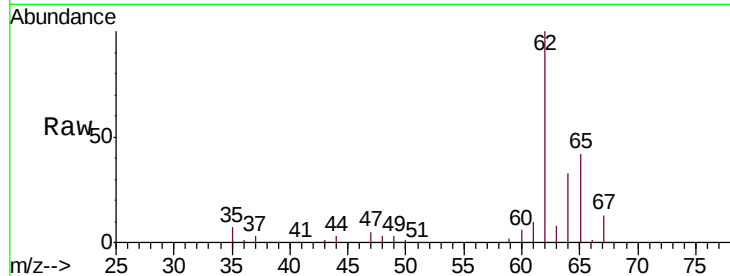




#5
 Vinyl chloride
 Concen: 53.690 ug/L
 RT: 1.41 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: VU027850.D
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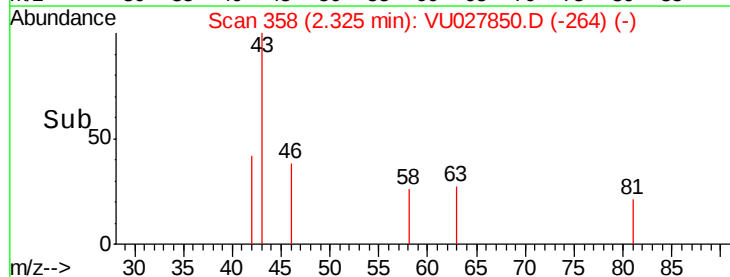
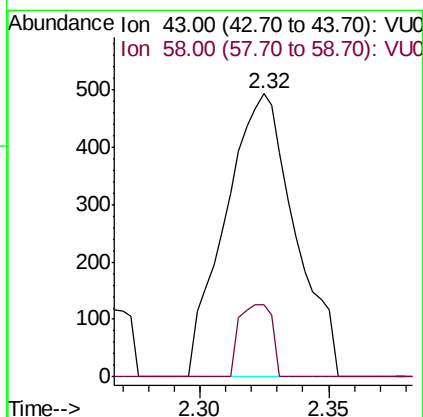
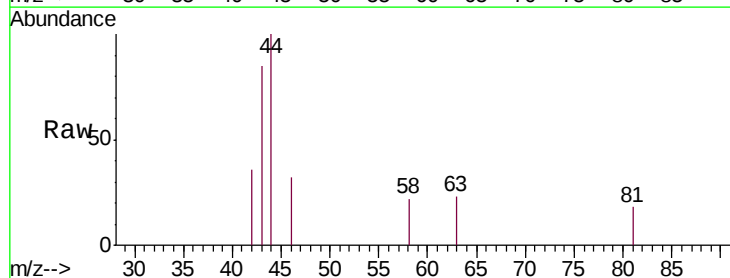
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP9DL

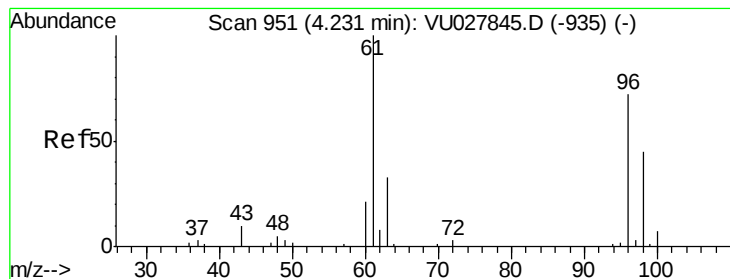
Tgt Ion: 62 Resp: 52626
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.0 42.8



#13
 Acetone
 Concen: 1.855 ug/L
 RT: 2.32 min Scan# 358
 Delta R.T. 0.00 min
 Lab File: VU027850.D
 Acq: 29 Oct 2018 12:58

Tgt Ion: 43 Resp: 930
 Ion Ratio Lower Upper
 43 100
 58 12.0 0.0 57.4





#20

cis-1,2-Dichloroethene

Concen: 80.789 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027850.D

Acq: 29 Oct 2018 12:58

Instrument :

MSVOA_U

ClientSampleId :

ETBP9DL

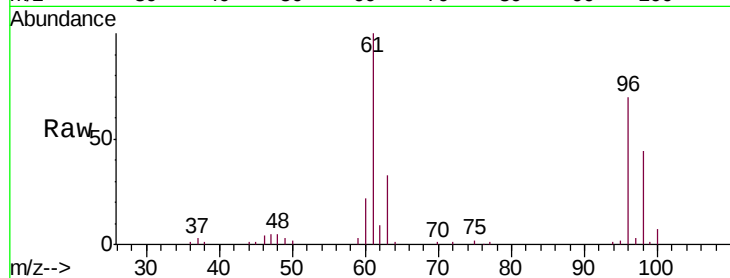
Tgt Ion: 96 Resp: 63944

Ion Ratio Lower Upper

96 100

61 142.5 104.2 193.4

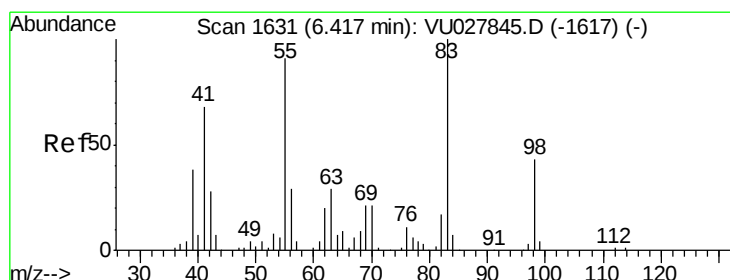
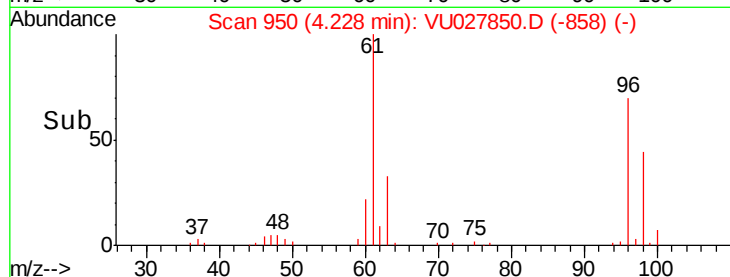
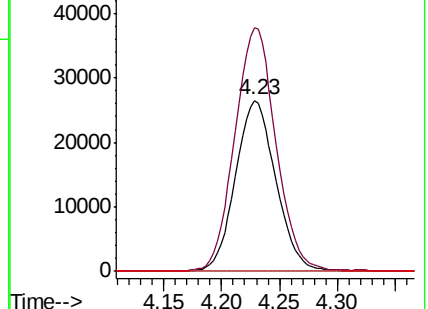
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU027845.D (-935) (-)

Ion 61.00 (60.70 to 61.70): VU027845.D (-935) (-)

Ion 68.00 (67.70 to 68.70): VU027845.D (-935) (-)



#35

Methylcyclohexane

Concen: 7.386 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU027850.D

Acq: 29 Oct 2018 12:58

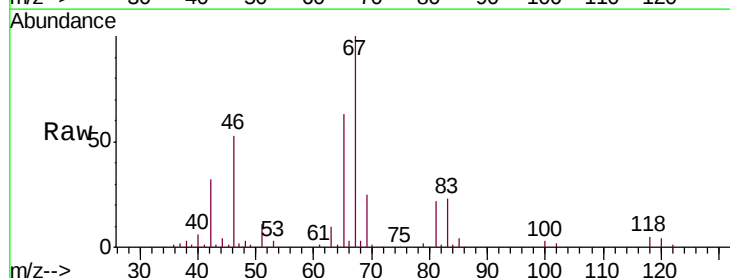
Tgt Ion: 83 Resp: 9760

Ion Ratio Lower Upper

83 100

55 0.0 71.9 107.9#

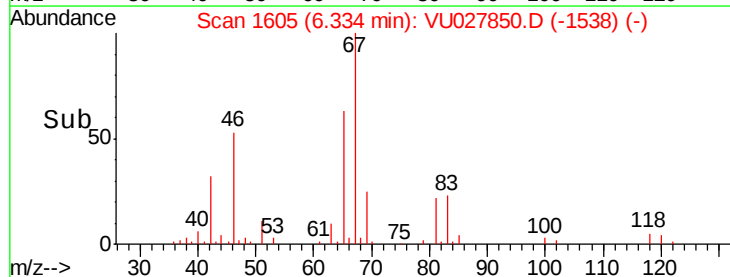
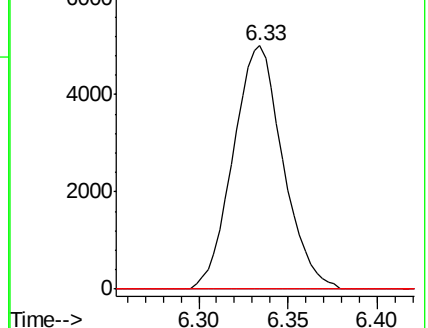
98 0.0 34.6 52.0#

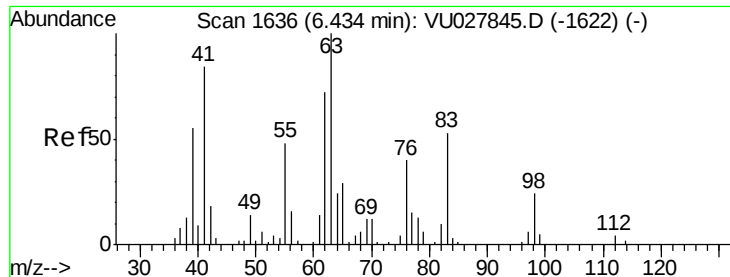


Abundance Ion 83.00 (82.70 to 83.70): VU027845.D (-1617) (-)

Ion 55.00 (54.70 to 55.70): VU027845.D (-1617) (-)

Ion 98.00 (97.70 to 98.70): VU027845.D (-1617) (-)

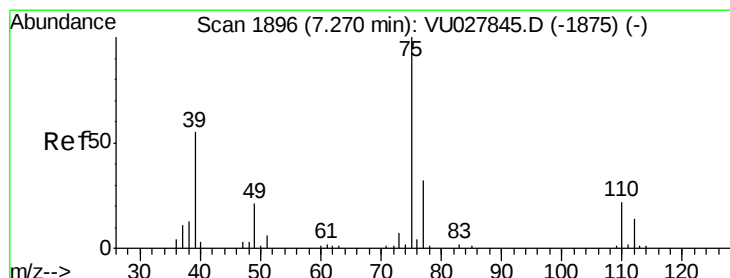
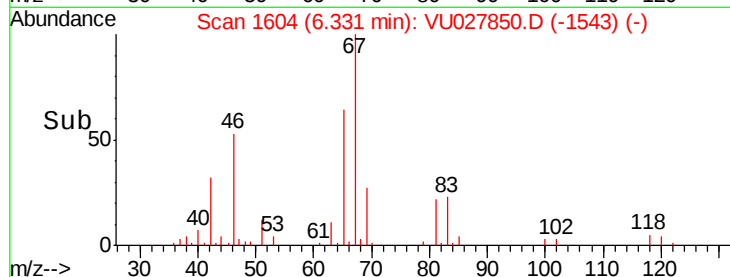
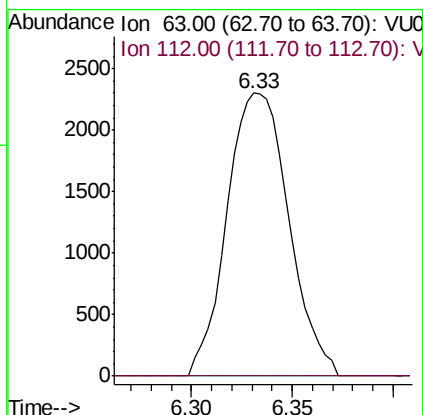
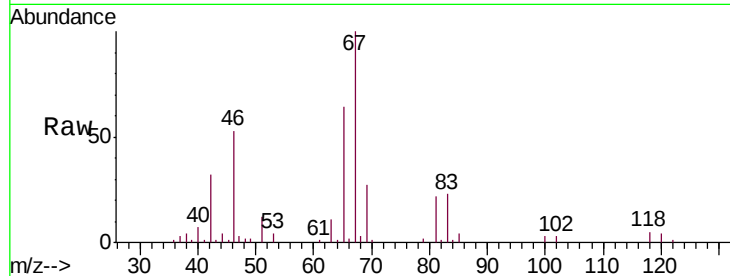




#37
 1,2-Dichloropropane
 Concen: 5.460 ug/L
 RT: 6.33 min Scan# 1604
 Delta R.T. -0.10 min
 Lab File: VU027850.D
 Acq: 29 Oct 2018 12:58

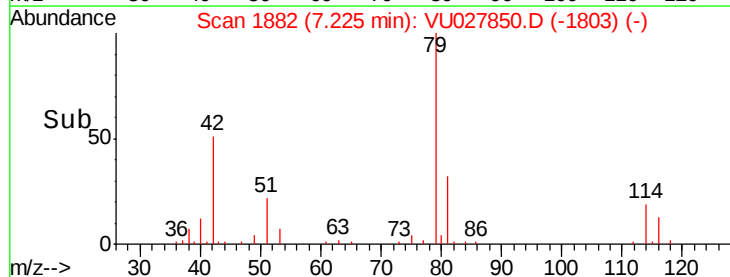
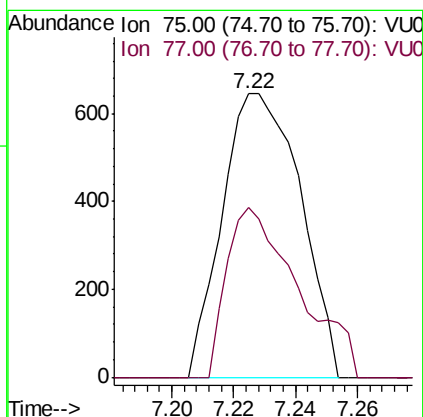
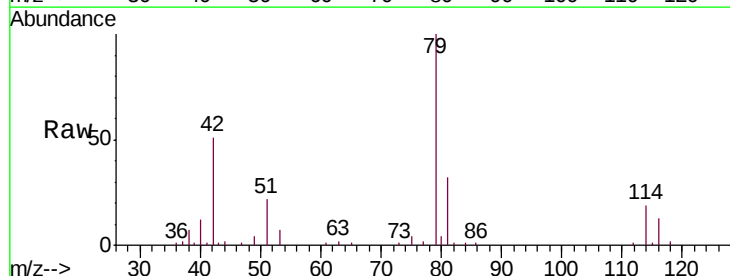
Instrument :
 MSVOA_U
 ClientSampled :
 ETBP9DL

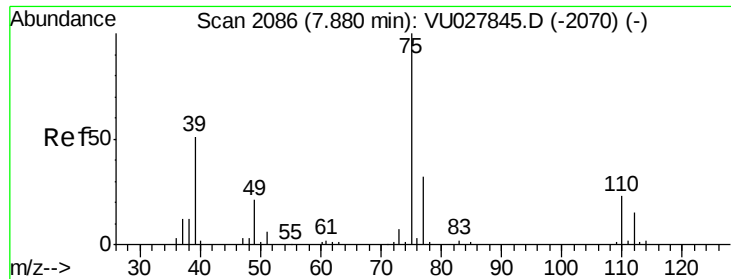
Tgt Ion: 63 Resp: 4924
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.815 ug/L
 RT: 7.22 min Scan# 1882
 Delta R.T. -0.04 min
 Lab File: VU027850.D
 Acq: 29 Oct 2018 12:58

Tgt Ion: 75 Resp: 1132
 Ion Ratio Lower Upper
 75 100
 77 59.7 22.5 41.7#

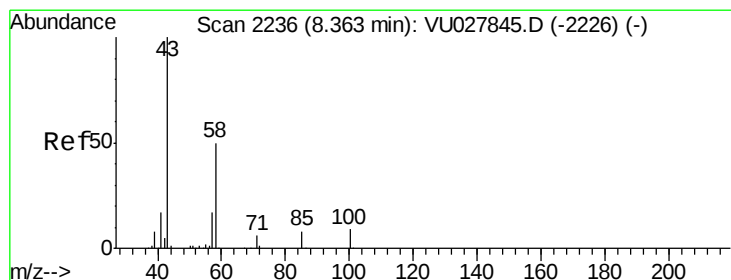
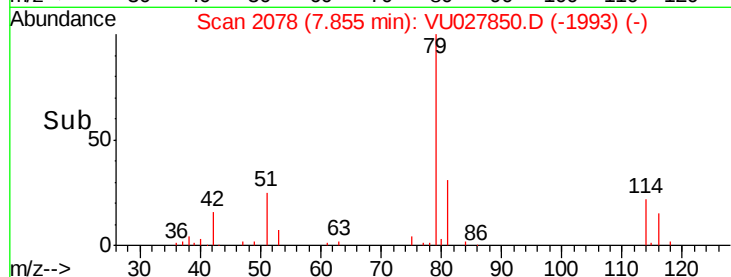
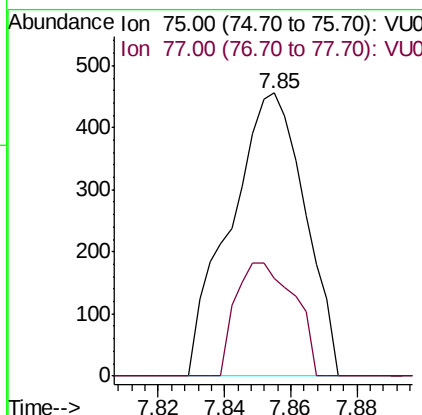
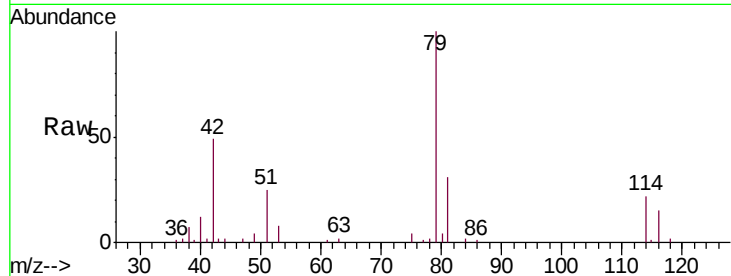




#44
trans-1,3-Dichloropropene
Concen: 0.542 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU027850.D
Acq: 29 Oct 2018 12:58

Instrument :
MSVOA_U
ClientSampled :
ETBP9DL

Tgt Ion: 75 Resp: 712
Ion Ratio Lower Upper
75 100
77 34.6 22.8 42.4



#48
2-Hexanone
Concen: 5.066 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027850.D
Acq: 29 Oct 2018 12:58

Tgt Ion: 43 Resp: 5694
Ion Ratio Lower Upper
43 100
58 14.9 38.8 58.2#
57 16.2 13.1 19.7
100 0.0 6.8 10.2#

