

Data File : VU027849.D
Acq On : 29 Oct 2018 12:35
Operator : MD/SY
Sample : J5668-10DL-5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETBS0DL

Quant Time: Oct 30 02:30:35 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	105061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99676	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	50236	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34018	41.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.24%
7) Chloroethane-d5	1.68	69	27789	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.27	63	50618	34.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.76%
21) 2-Butanone-d5	4.18	46	62698	90.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.00%
24) Chloroform-d	4.65	84	65161	44.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.68%
26) 1,2-Dichloroethane-d4	5.31	65	47295	46.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.96%
32) Benzene-d6	5.34	84	132041	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.04%
36) 1,2-Dichloropropane-d6	6.33	67	46614	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.98%
41) Toluene-d8	7.57	98	124441	47.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.04%
43) trans-1,3-Dichloropropene-	7.85	79	22363	45.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.88%
47) 2-Hexanone-d5	8.31	63	47369	91.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	59358	45.36	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	47814	46.47	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.94%

Target Compounds

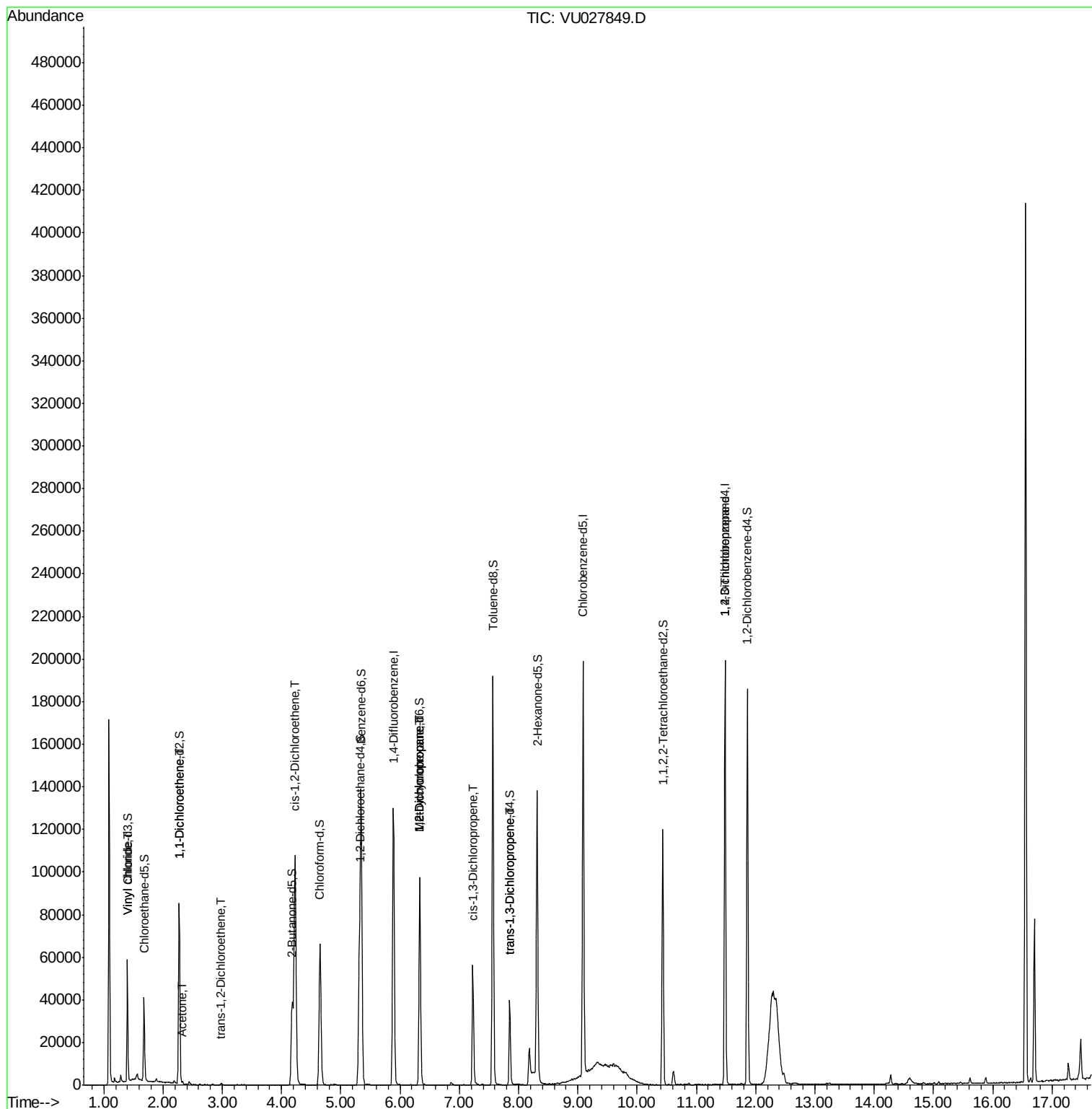
						Qvalue
5) Vinyl chloride	1.40	62	2293	2.417	ug/L #	25
12) 1,1-Dichloroethene	2.27	96	472	0.806	ug/L #	1
13) Acetone	2.33	43	751	1.548	ug/L	63
17) trans-1,2-Dichloroethene	2.98	96	309	0.477	ug/L	88
20) cis-1,2-Dichloroethene	4.23	96	56187	73.342	ug/L	98
35) Methylcyclohexane	6.33	83	9954	7.753	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	5226	5.965	ug/L #	90
39) cis-1,3-Dichloropropene	7.23	75	1345	0.997	ug/L #	64
44) trans-1,3-Dichloropropene	7.86	75	1057	0.828	ug/L	93
59) 1,2,3-Trichloropropane	11.48	75	6293	6.078	ug/L	89

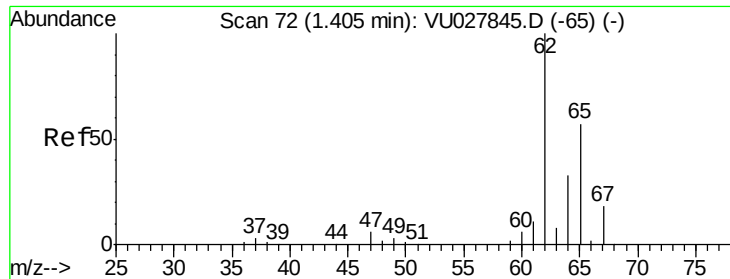
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 2.417 ug/L

RT: 1.40 min Scan# 231

Delta R.T. -0.00 min

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Acq: 29 Oct 2018 12:35

Instrument :

MSVOA_U

ClientSampled :

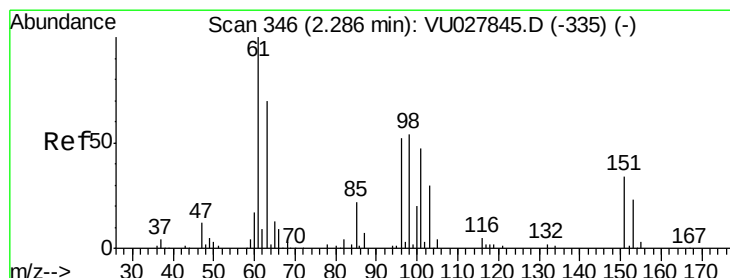
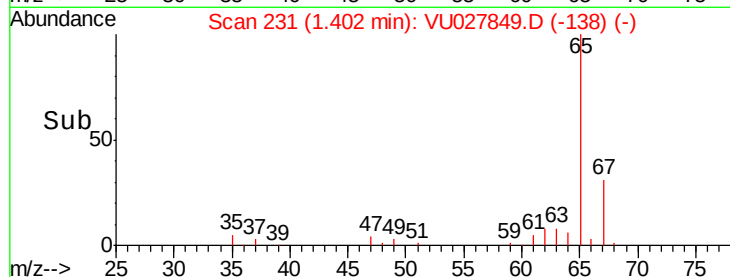
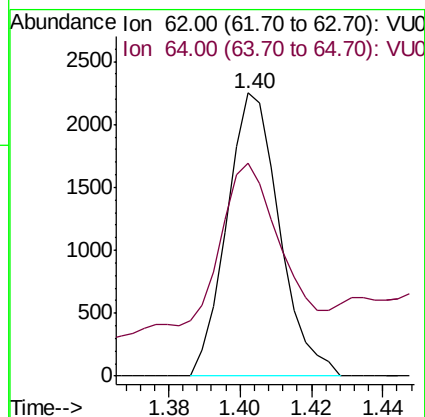
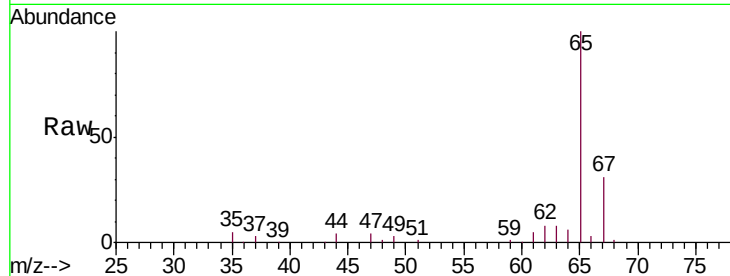
ETBS0DL

Tgt Ion: 62 Resp: 2293

Ion Ratio Lower Upper

62 100

64 75.4 23.0 42.8#



#12

1,1-Dichloroethene

Concen: 0.806 ug/L

RT: 2.27 min Scan# 501

Delta R.T. -0.02 min

Lab File: VU027849.D

Acq: 29 Oct 2018 12:35

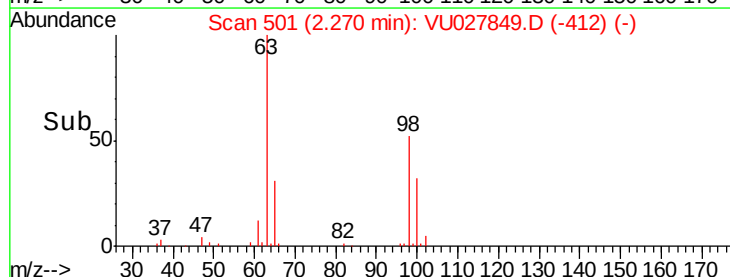
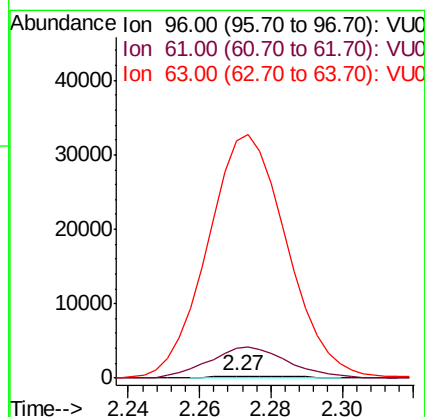
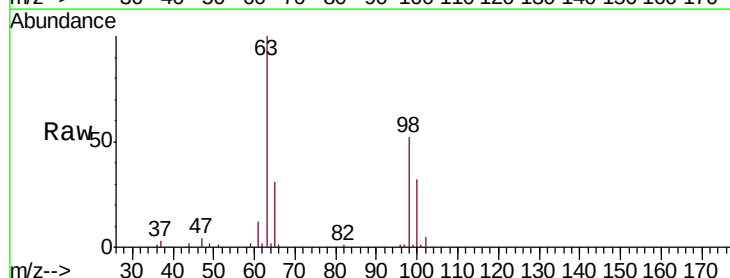
Tgt Ion: 96 Resp: 472

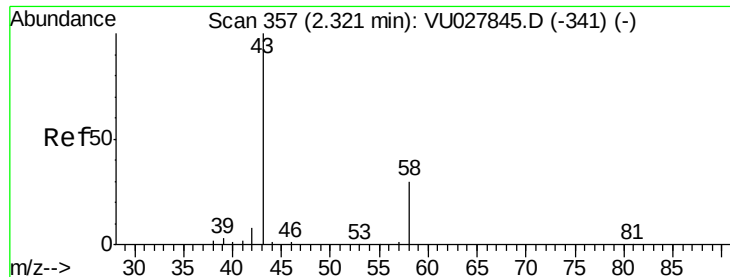
Ion Ratio Lower Upper

96 100

61 1398.9 137.3 255.1#

63 11248.1 109.8 204.0#





#13

Acetone

Concen: 1.548 ug/L

RT: 2.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: VU027849.D

Acq: 29 Oct 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

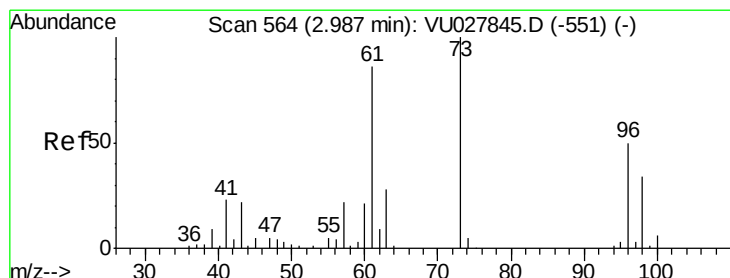
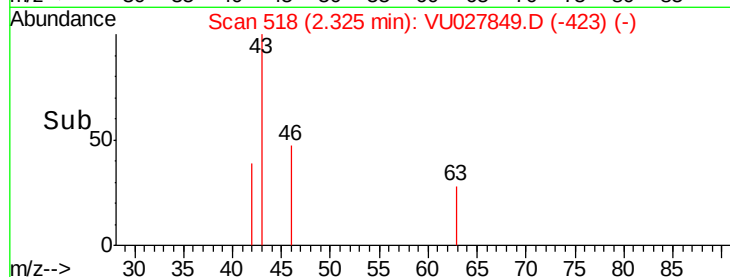
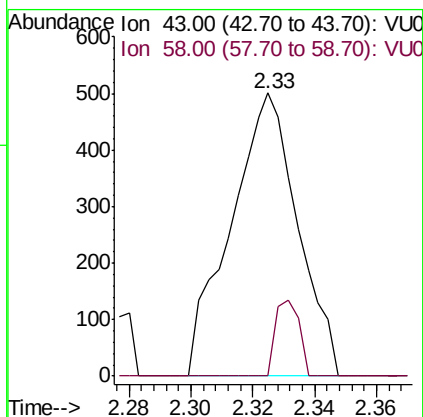
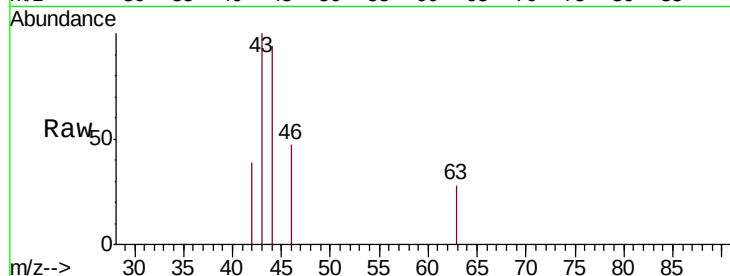
ETBS0DL

Tgt Ion: 43 Resp: 751

Ion Ratio Lower Upper

43 100

58 9.2 0.0 57.4



#17

trans-1,2-Dichloroethene

Concen: 0.477 ug/L

RT: 2.98 min Scan# 723

Delta R.T. -0.00 min

Lab File: VU027849.D

Acq: 29 Oct 2018 12:35

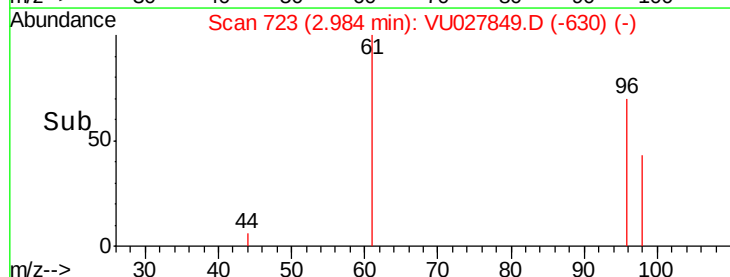
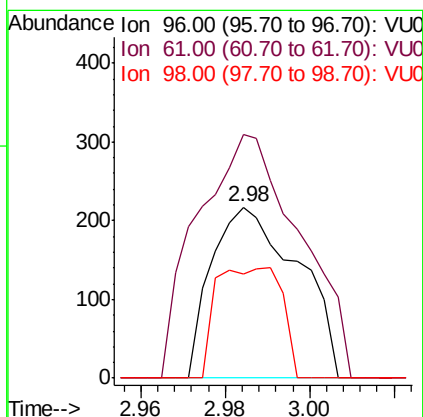
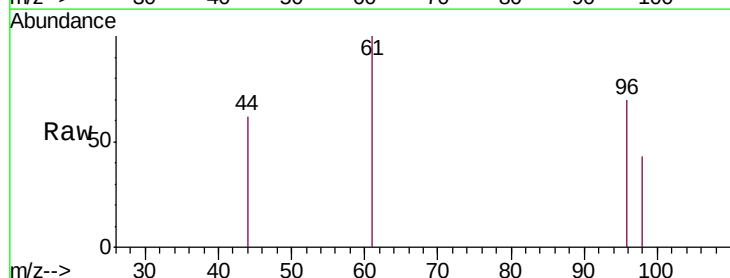
Tgt Ion: 96 Resp: 309

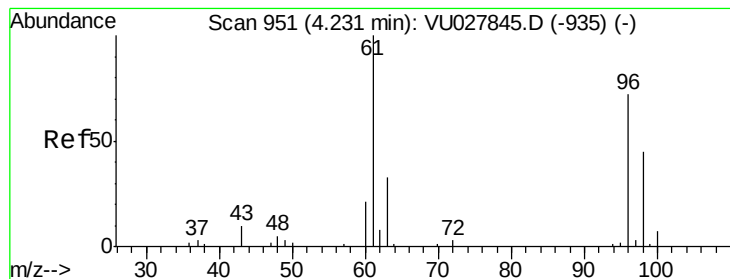
Ion Ratio Lower Upper

96 100

61 142.4 114.7 212.9

98 60.8 42.2 78.4





#20

cis-1,2-Dichloroethene

Concen: 73.342 ug/L

RT: 4.23 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VU027849.D

Acq: 29 Oct 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

ETBS0DL

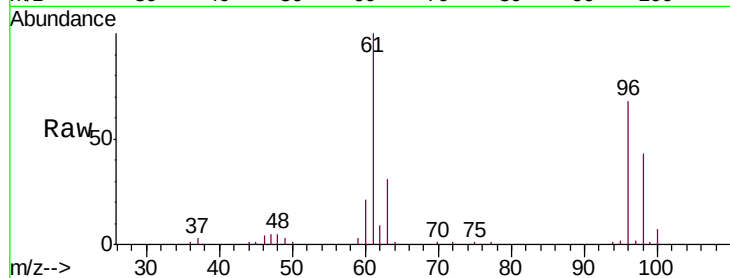
Tgt Ion: 96 Resp: 56187

Ion Ratio Lower Upper

96 100

61 146.5 104.2 193.4

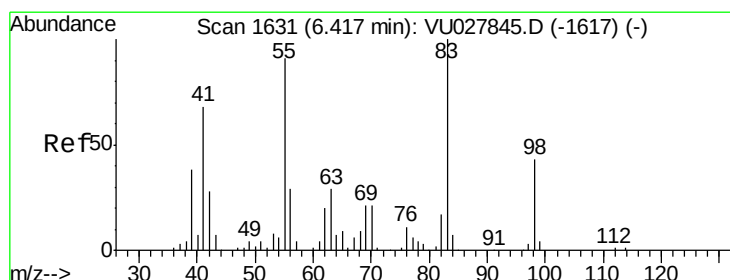
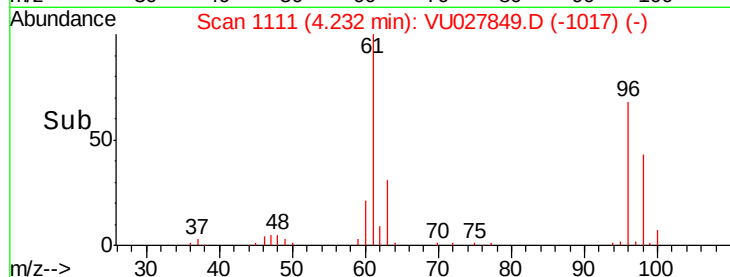
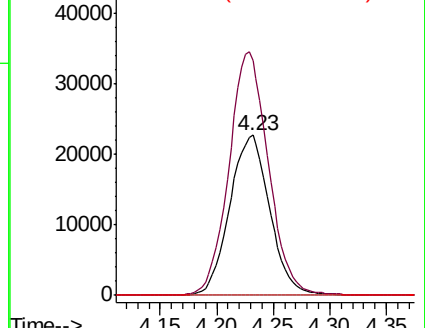
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0



#35

Methylcyclohexane

Concen: 7.753 ug/L

RT: 6.33 min Scan# 1764

Delta R.T. -0.09 min

Lab File: VU027849.D

Acq: 29 Oct 2018 12:35

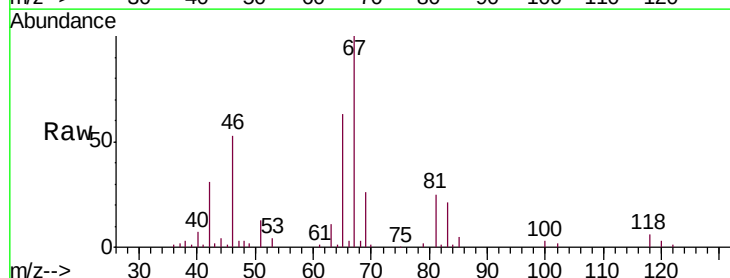
Tgt Ion: 83 Resp: 9954

Ion Ratio Lower Upper

83 100

55 0.0 71.9 107.9#

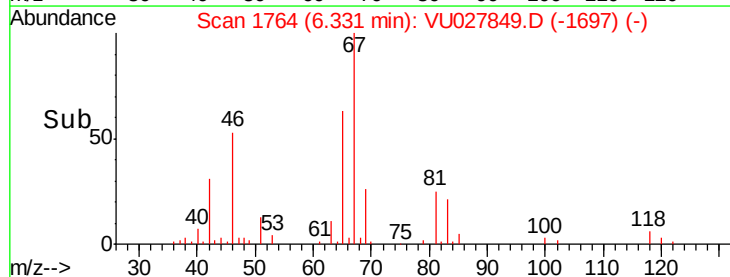
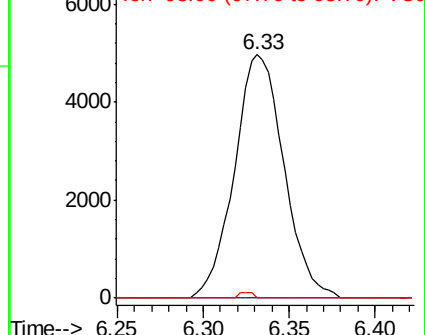
98 0.7 34.6 52.0#

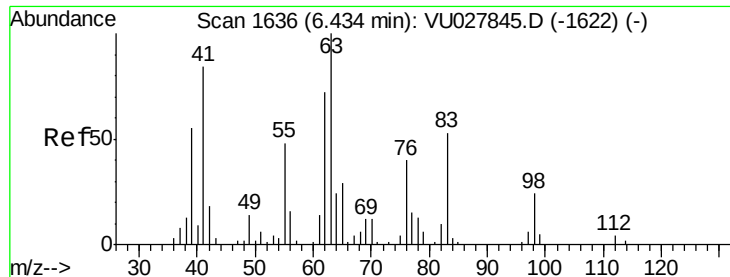


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

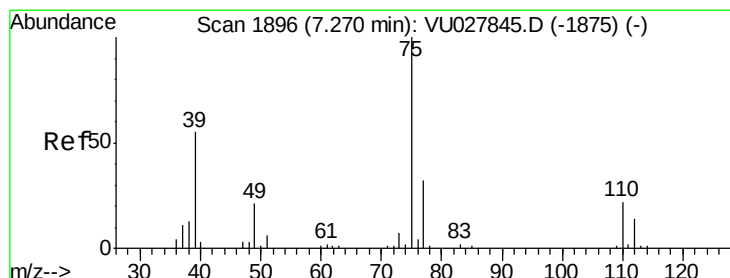
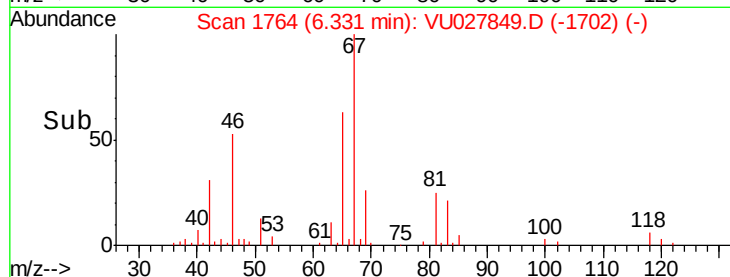
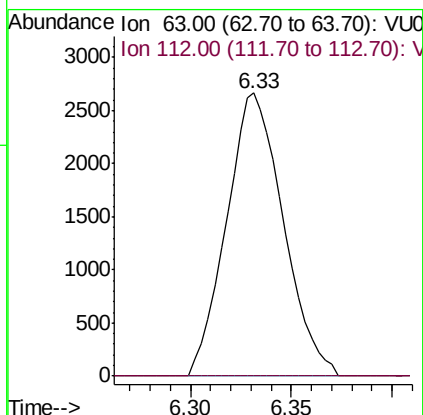
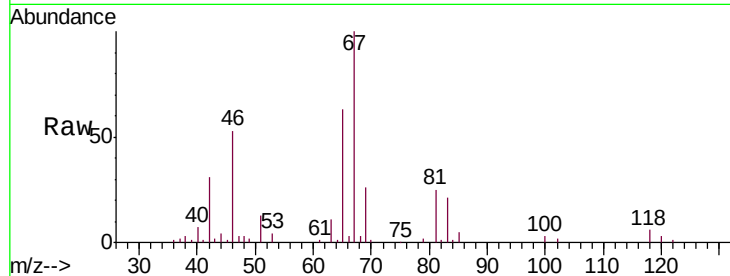




#37
 1,2-Dichloropropane
 Concen: 5.965 ug/L
 RT: 6.33 min Scan# 1764
 Delta R.T. -0.10 min
 Lab File: VU027849.D
 Acq: 29 Oct 2018 12:35

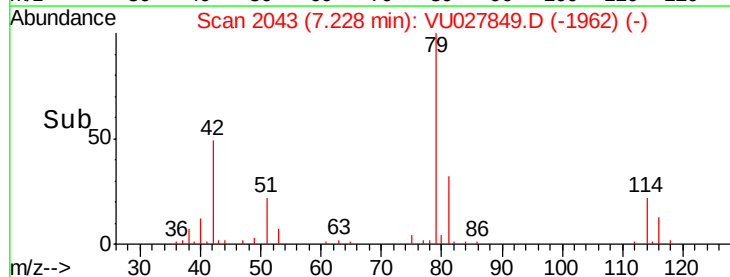
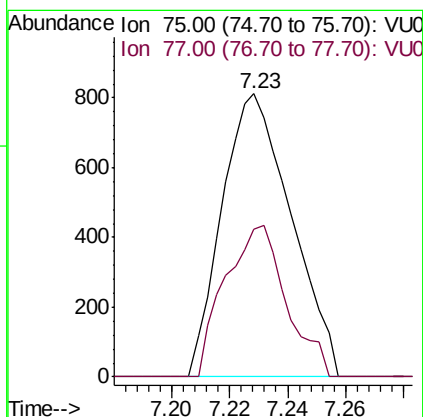
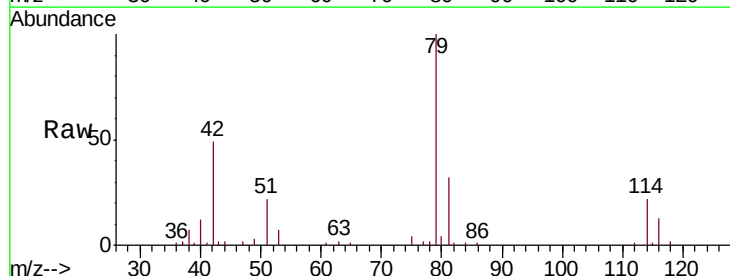
Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS0DL

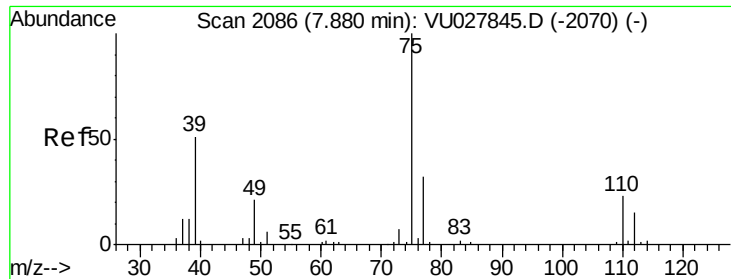
Tgt Ion: 63 Resp: 5226
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 3.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.997 ug/L
 RT: 7.23 min Scan# 2043
 Delta R.T. -0.04 min
 Lab File: VU027849.D
 Acq: 29 Oct 2018 12:35

Tgt Ion: 75 Resp: 1345
 Ion Ratio Lower Upper
 75 100
 77 52.3 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.828 ug/L

RT: 7.86 min Scan# 2238

Delta R.T. -0.03 min

Lab File: VU027849.D

Acq: 29 Oct 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

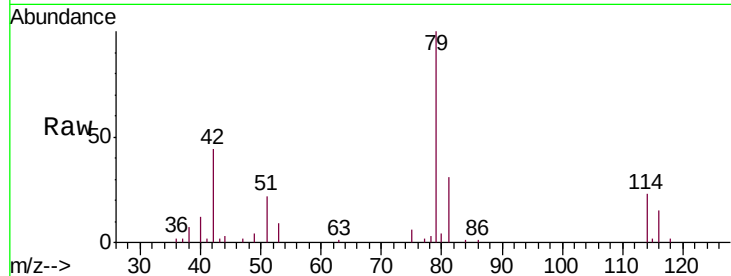
ETBS0DL

Tgt Ion: 75 Resp: 1057

Ion Ratio Lower Upper

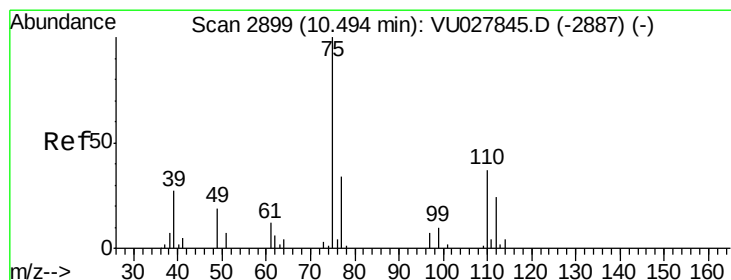
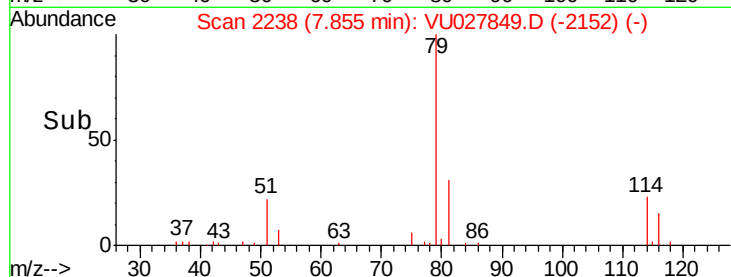
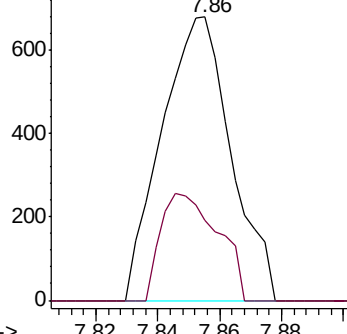
75 100

77 28.5 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#59

1,2,3-Trichloropropane

Concen: 6.078 ug/L

RT: 11.48 min Scan# 3366

Delta R.T. 0.99 min

Lab File: VU027849.D

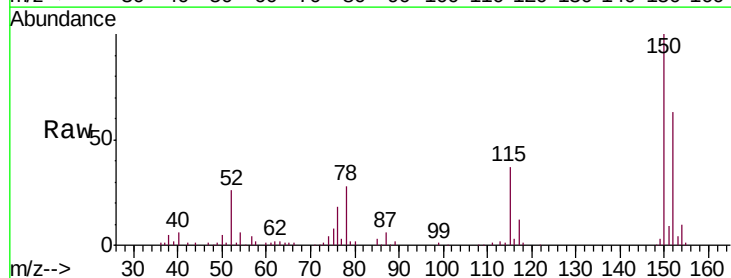
Acq: 29 Oct 2018 12:35

Tgt Ion: 75 Resp: 6293

Ion Ratio Lower Upper

75 100

77 39.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

