

Data File : VU026880.D
Acq On : 18 Sep 2018 22:13
Operator : MD/SY
Sample : J4896-16DL 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08N7DL

Quant Time: Sep 19 07:40:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	231212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	222393	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	56070	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.56%
7) Chloroethane-d5	1.68	69	54936	37.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.06%
11) 1,1-Dichloroethene-d2	2.27	63	84713	26.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	52.36%#
21) 2-Butanone-d5	4.18	46	124497	109.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.69%
24) Chloroform-d	4.65	84	133057	41.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.88%
26) 1,2-Dichloroethane-d4	5.31	65	88895	44.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.00%
32) Benzene-d6	5.34	84	252586	40.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.06%
36) 1,2-Dichloropropane-d6	6.33	67	89533	44.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.16%
41) Toluene-d8	7.57	98	202647	35.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.98%#
43) trans-1,3-Dichloropropene-	7.85	79	35180	39.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.48%
47) 2-Hexanone-d5	8.31	63	84344	106.87	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.87%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	131794	47.07	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.14%
64) 1,2-Dichlorobenzene-d4	11.86	152	92949	47.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.06%

Target Compounds

					Qvalue
13) Acetone	2.32	43	1018	0.913 ug/L	80
33) Benzene	5.39	78	17833	2.586 ug/L	100
35) Methylcyclohexane	6.33	83	20410	7.567 ug/L #	18
37) 1,2-Dichloropropane	6.33	63	9583	5.059 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	1986	0.742 ug/L #	51
44) trans-1,3-Dichloropropene	7.85	75	1462	0.584 ug/L	87
48) 2-Hexanone	8.31	43	9939	5.475 ug/L #	40
51) Chlorobenzene	9.12	112	276763	58.456 ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	3260	1.437 ug/L #	43
62) 1,3-Dichlorobenzene	11.42	146	11565	3.993 ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	59398	18.623 ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	88055	27.455 ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	23336	10.411 ug/L	94
68) 1,2,4-trichlorobenzene	13.50	180	23336	12.082 ug/L	92
70) 1,2,3-Trichlorobenzene	13.99	180	5998	2.820 ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\
Quantitation Report (Not Reviewed)

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QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

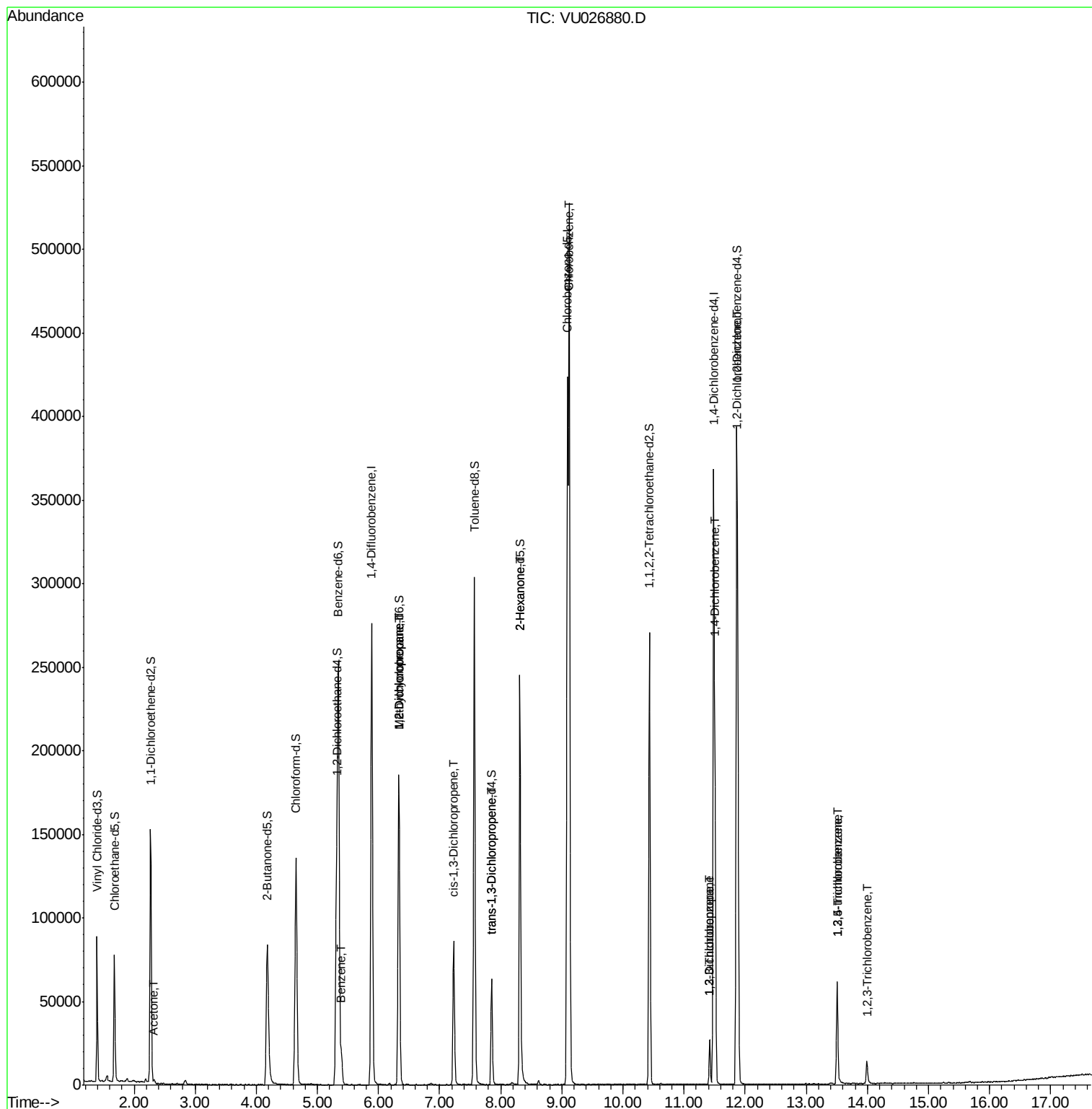
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

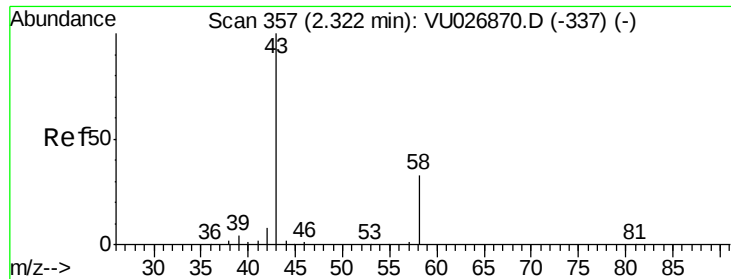
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#13

Acetone

Concen: 0.913 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

Instrument :

MSVOA_U

ClientSampleId :

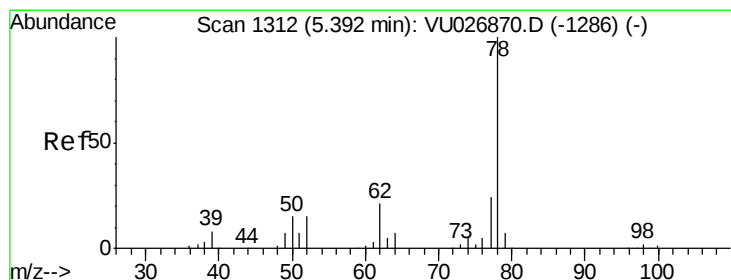
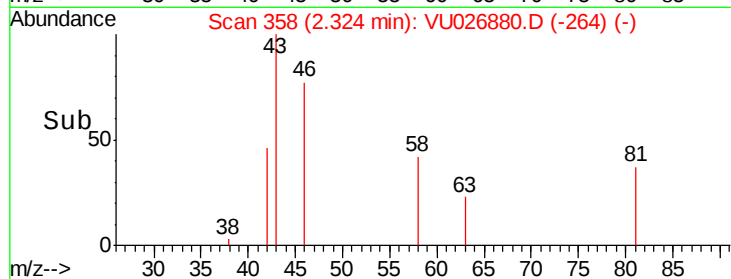
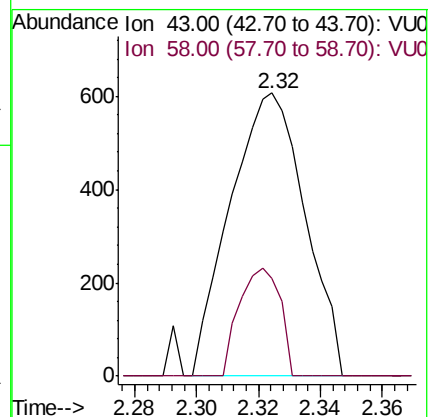
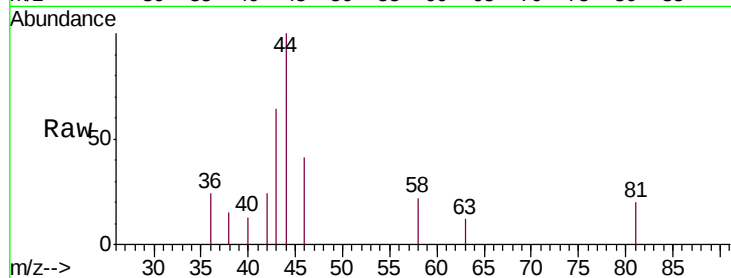
C08N7DL

Tgt Ion: 43 Resp: 1018

Ion Ratio Lower Upper

43 100

58 20.9 0.0 64.6



#33

Benzene

Concen: 2.586 ug/L

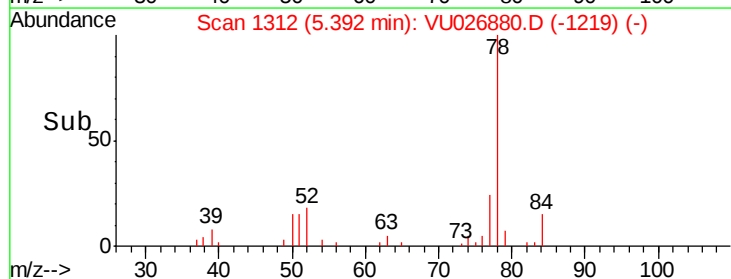
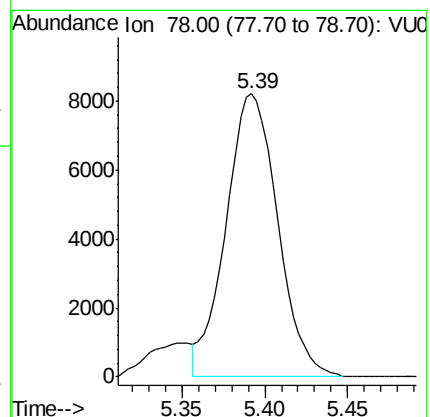
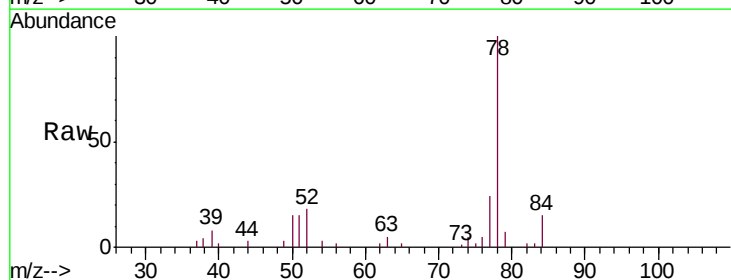
RT: 5.39 min Scan# 1312

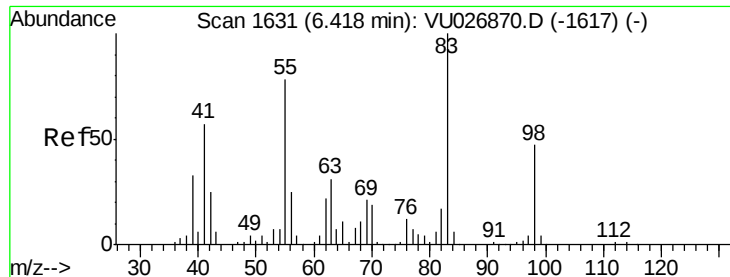
Delta R.T. -0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

Tgt Ion: 78 Resp: 17833

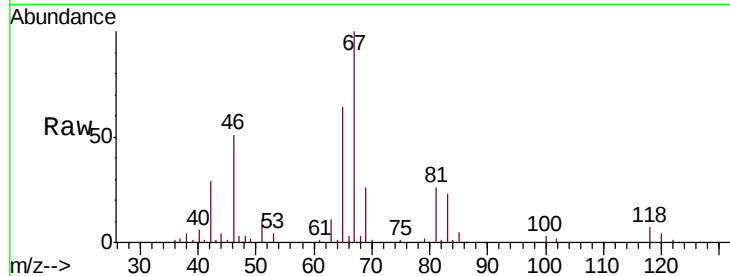




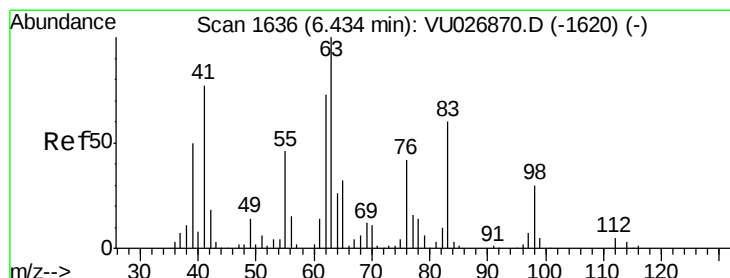
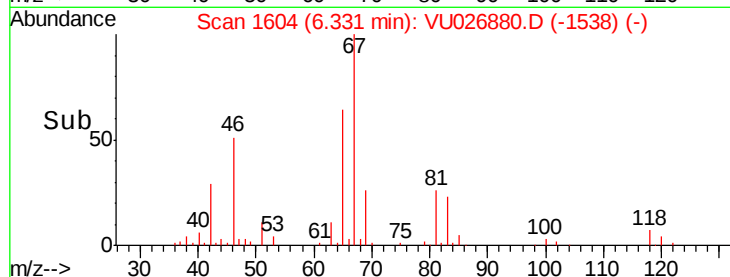
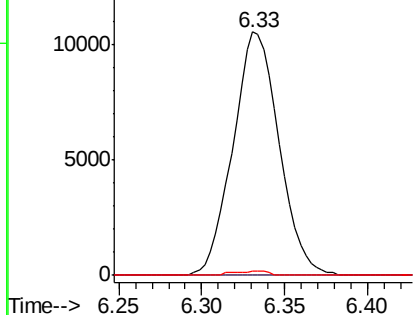
#35
Methylcyclohexane
Concen: 7.567 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.09 min
Lab File: VU026880.D
Acq: 18 Sep 2018 22:13

Instrument :
MSVOA_U
ClientSampleId :
C08N7DL

Tgt Ion: 83 Resp: 20410
Ion Ratio Lower Upper
83 100
55 0.0 61.7 92.5#
98 0.7 38.3 57.5#

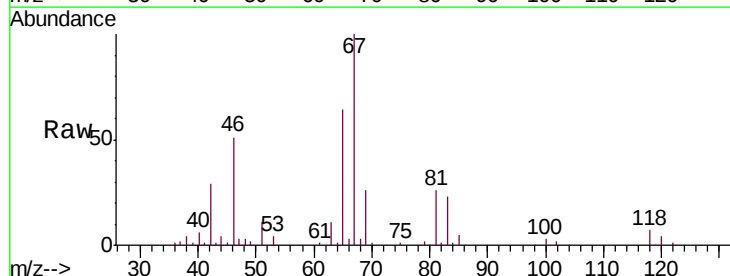


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

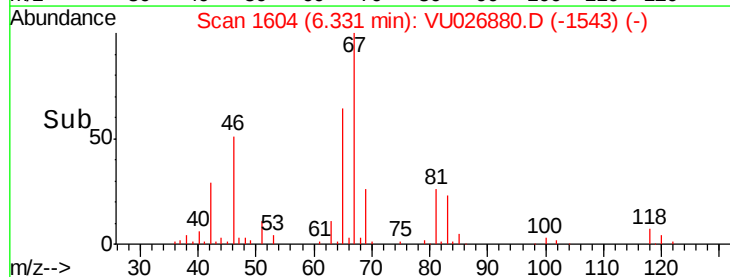
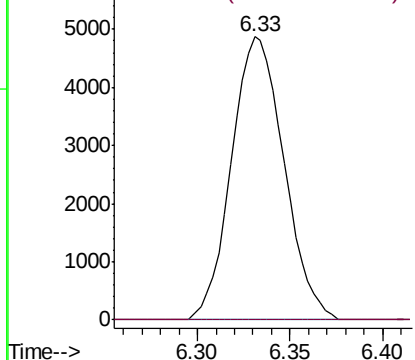


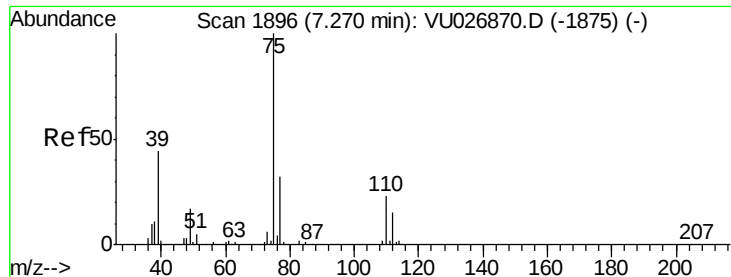
#37
1,2-Dichloropropane
Concen: 5.059 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026880.D
Acq: 18 Sep 2018 22:13

Tgt Ion: 63 Resp: 9583
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



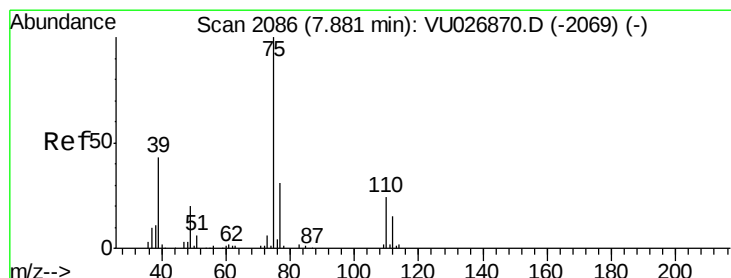
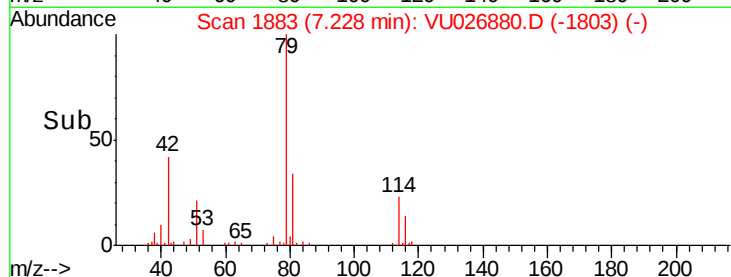
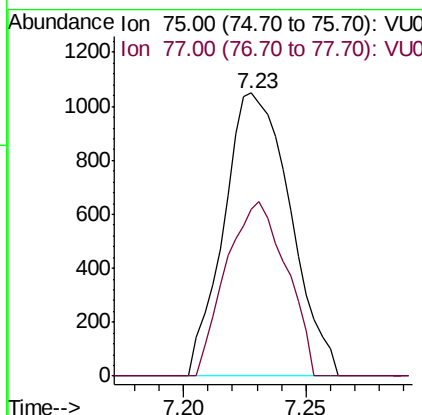
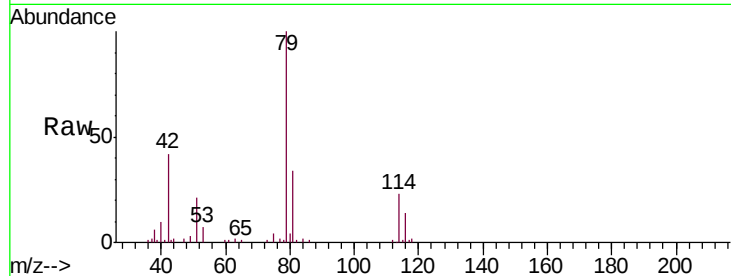


#39

cis-1,3-Dichloropropene
 Concen: 0.742 ug/L
 RT: 7.23 min Scan# 1883
 Delta R.T. -0.04 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Instrument :
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 C08N7DL

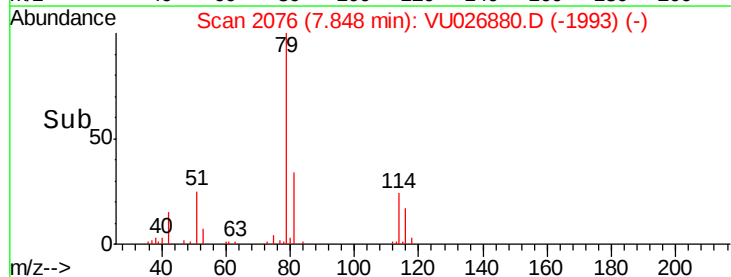
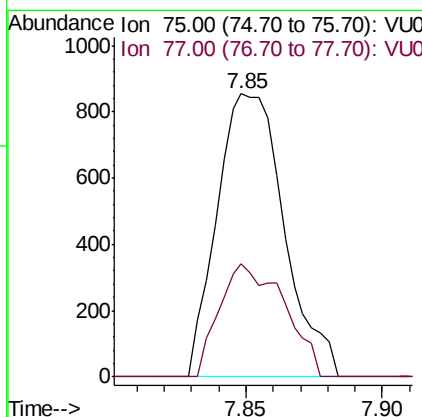
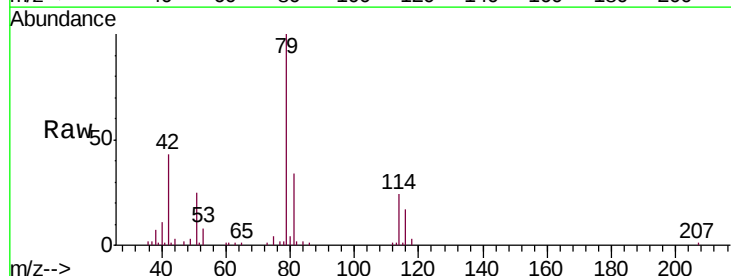
Tgt Ion: 75 Resp: 1986
 Ion Ratio Lower Upper
 75 100
 77 59.0 22.1 41.1#

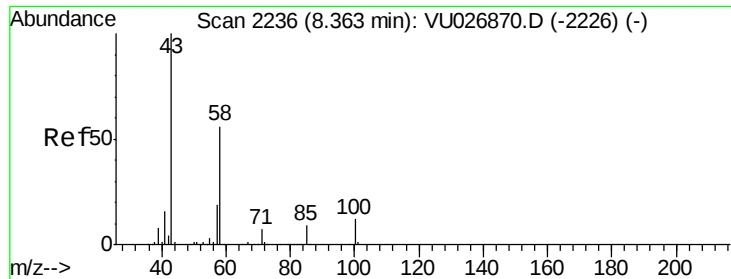


#44

trans-1,3-Dichloropropene
 Concen: 0.584 ug/L
 RT: 7.85 min Scan# 2076
 Delta R.T. -0.03 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Tgt Ion: 75 Resp: 1462
 Ion Ratio Lower Upper
 75 100
 77 39.9 22.8 42.4

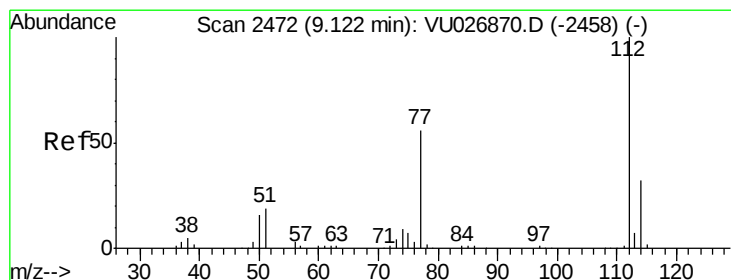
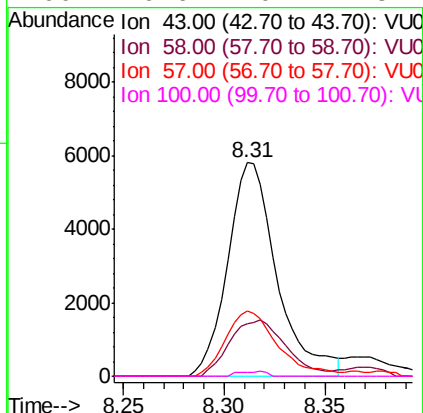
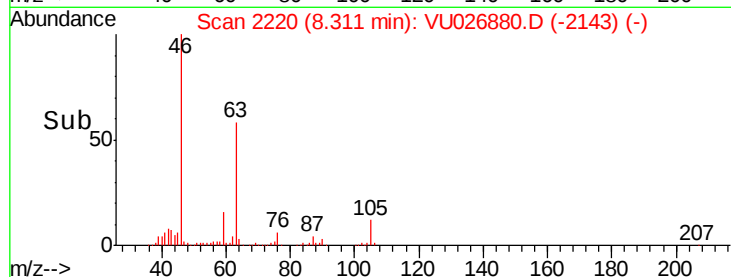
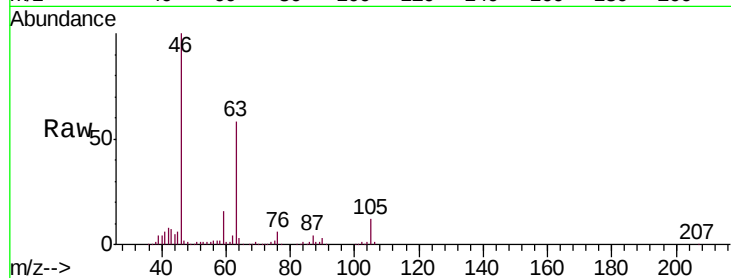




#48
2-Hexanone
Concen: 5.475 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026880.D
Acq: 18 Sep 2018 22:13

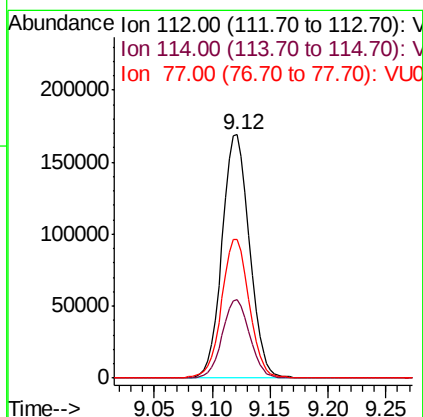
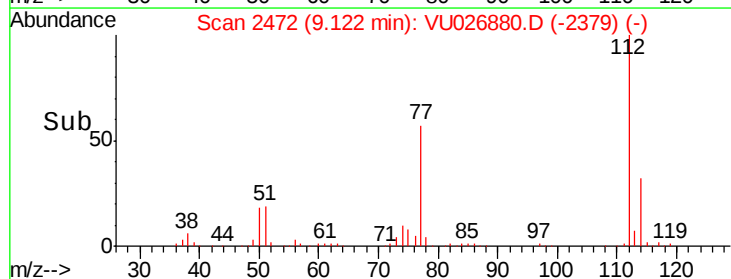
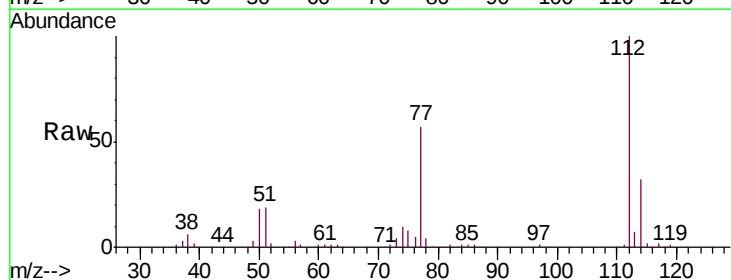
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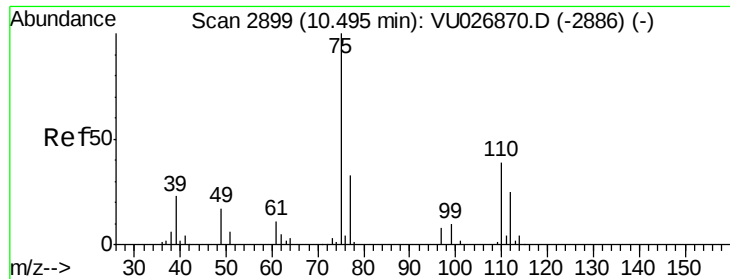
Tgt Ion: 43 Resp: 9939
Ion Ratio Lower Upper
43 100
58 0.0 44.9 67.3#
57 32.2 15.4 23.2#
100 0.6 10.2 15.4#



#51
Chlorobenzene
Concen: 58.456 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026880.D
Acq: 18 Sep 2018 22:13

Tgt Ion: 112 Resp: 276763
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 57.1 45.1 67.7





#59

1,2,3-Trichloropropane

Concen: 1.437 ug/L

RT: 11.42 min Scan# 3186

Delta R.T. 0.92 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

Instrument :

MSVOA_U

ClientSampleId :

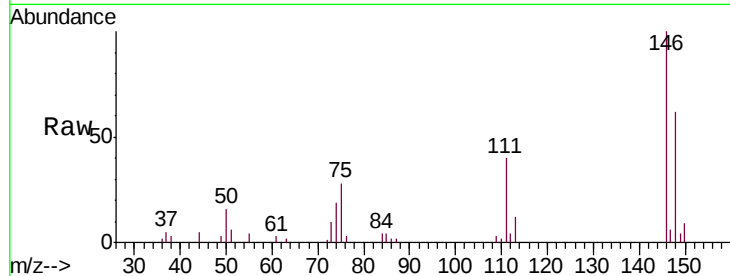
C08N7DL

Tgt Ion: 75 Resp: 3260

Ion Ratio Lower Upper

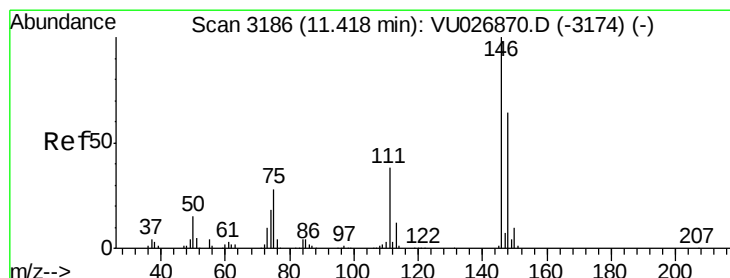
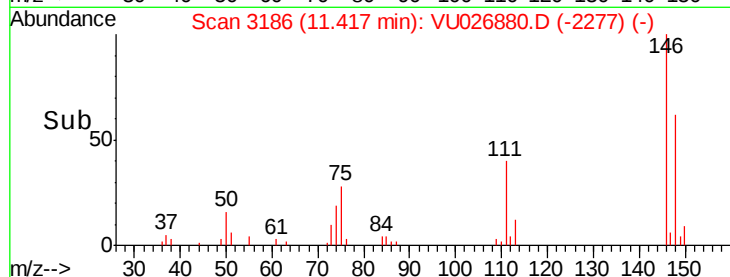
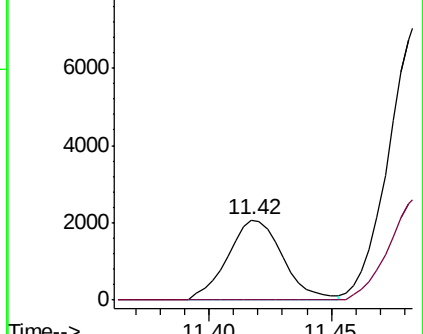
75 100

77 0.0 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#62

1,3-Dichlorobenzene

Concen: 3.993 ug/L

RT: 11.42 min Scan# 3187

Delta R.T. 0.00 min

Lab File: VU026880.D

Acq: 18 Sep 2018 22:13

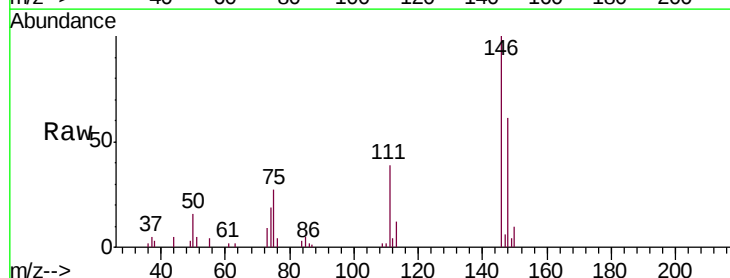
Tgt Ion: 146 Resp: 11565

Ion Ratio Lower Upper

146 100

111 39.4 26.7 49.7

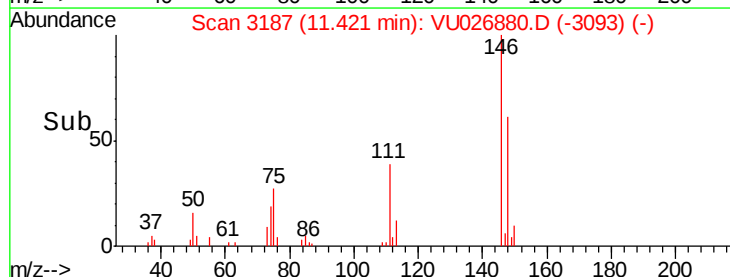
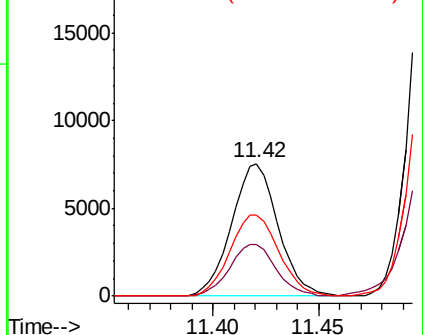
148 61.0 44.9 83.5

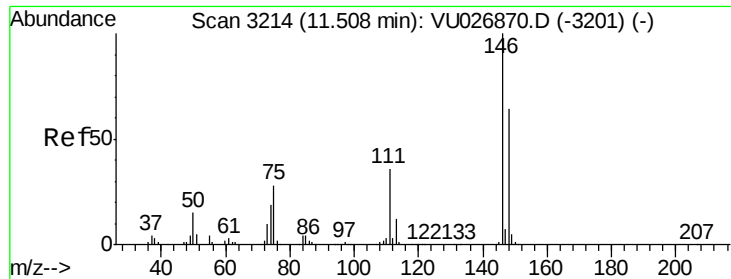


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

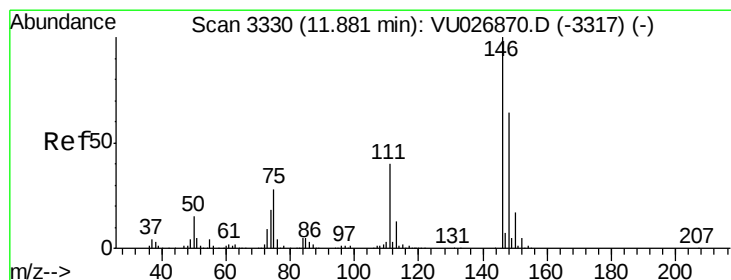
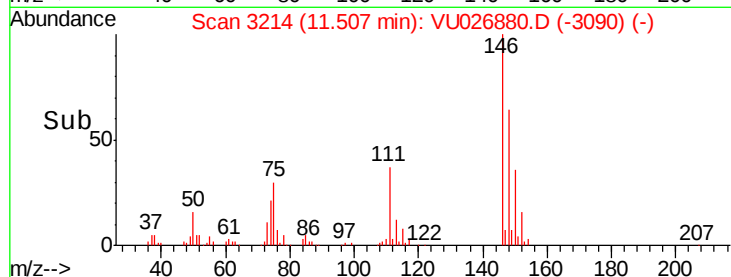
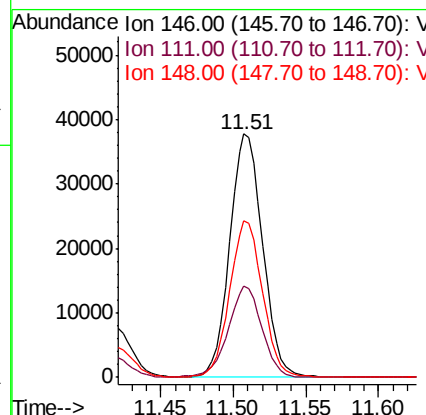
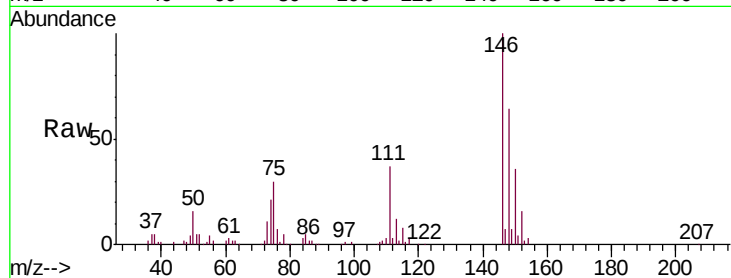




#63
 1,4-Dichlorobenzene
 Concen: 18.623 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

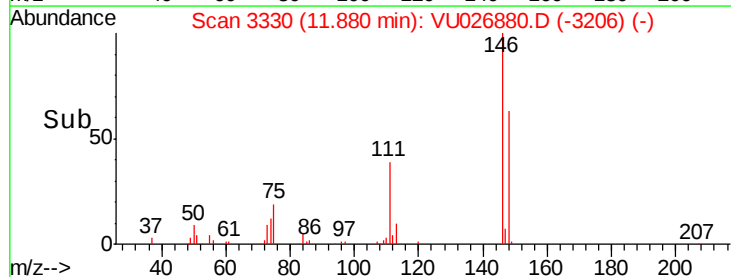
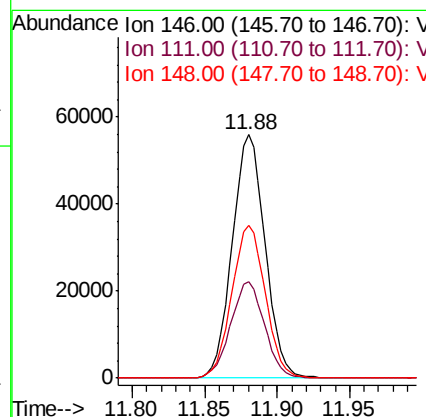
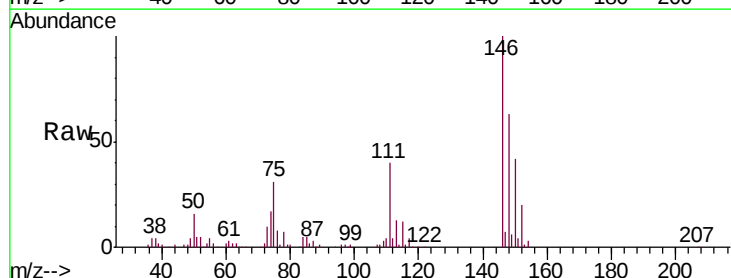
Instrument :
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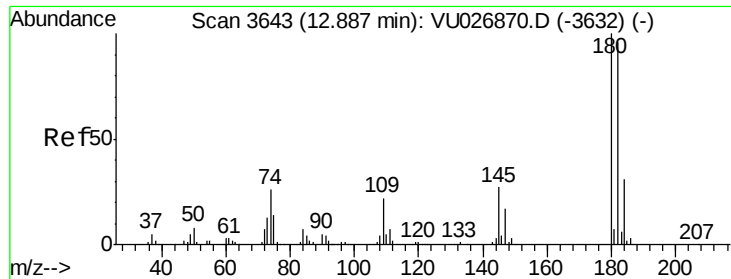
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	26.0	48.2
148	64.3	45.8	85.2



#65
 1,2-Dichlorobenzene
 Concen: 27.455 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. -0.00 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.4	47.0
148	63.0	51.4	77.2

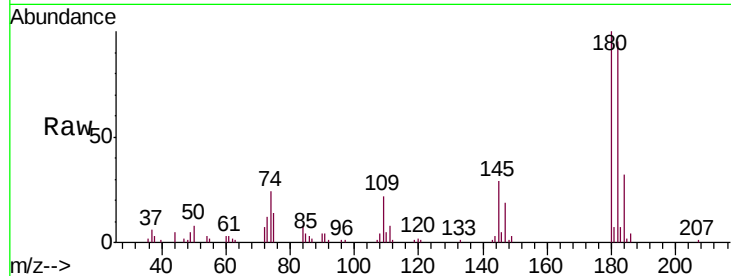




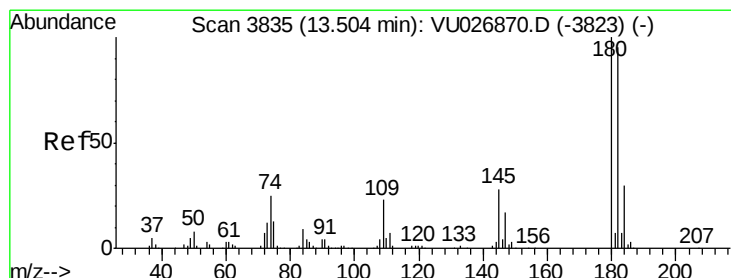
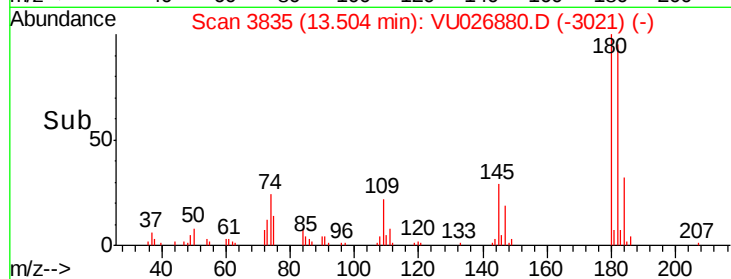
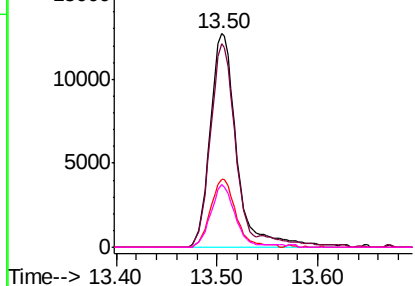
#67
 1,3,5-Trichlorobenzene
 Concen: 10.411 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.62 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N7DL

Tgt Ion:180 Resp: 23336
 Ion Ratio Lower Upper
 180 100
 182 86.7 76.7 115.1
 184 30.2 24.2 36.4
 145 26.2 21.8 32.6

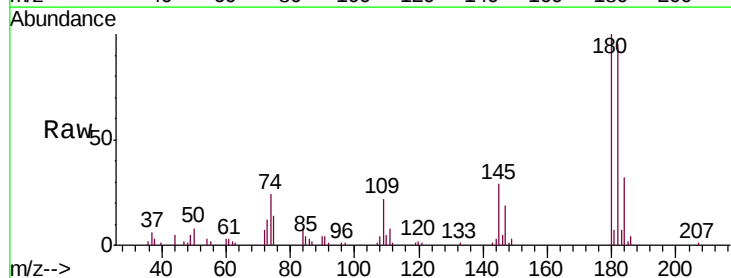


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

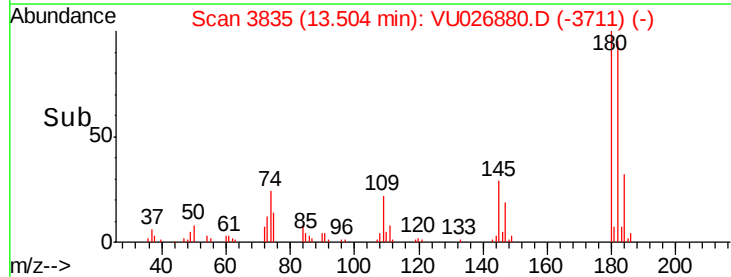
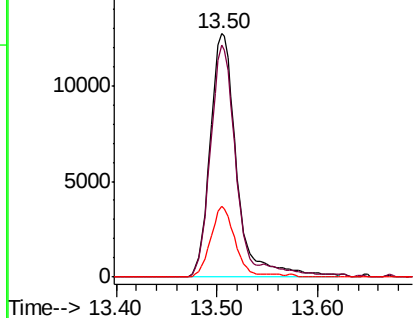


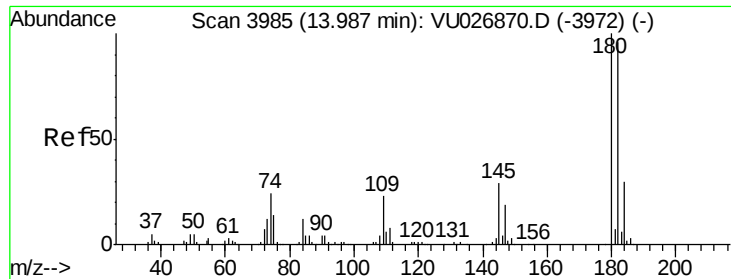
#68
 1,2,4-trichlorobenzene
 Concen: 12.082 ug/L
 RT: 13.50 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Tgt Ion:180 Resp: 23336
 Ion Ratio Lower Upper
 180 100
 182 86.7 76.8 115.2
 145 26.2 22.2 33.2



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#70
 1,2,3-Trichlorobenzene
 Concen: 2.820 ug/L
 RT: 13.99 min Scan# 3987
 Delta R.T. 0.01 min
 Lab File: VU026880.D
 Acq: 18 Sep 2018 22:13

Instrument :
 MSVOA_U
 ClientSampleId :
 C08N7DL

Tgt Ion:180 Resp: 5998
 Ion Ratio Lower Upper
 180 100
 182 88.4 75.6 113.4
 145 26.7 23.8 35.6

