

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026793.D
 Acq On : 15 Sep 2018 21:54
 Operator : MD/SY
 Sample : VU0916WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

Quant Time: Sep 17 07:13:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 07:09:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	125388	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	107642	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44966	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43767	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.68	69	37685	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.27	63	63590	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	4.20	46	102589	48.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.62%
24) Chloroform-d	4.65	84	76527	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.31	65	40659	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.34	84	160572	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	6.33	67	51275	5.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.00%
41) Toluene-d8	7.57	98	125887	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	15846	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.32	63	66573	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36997	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	45623	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

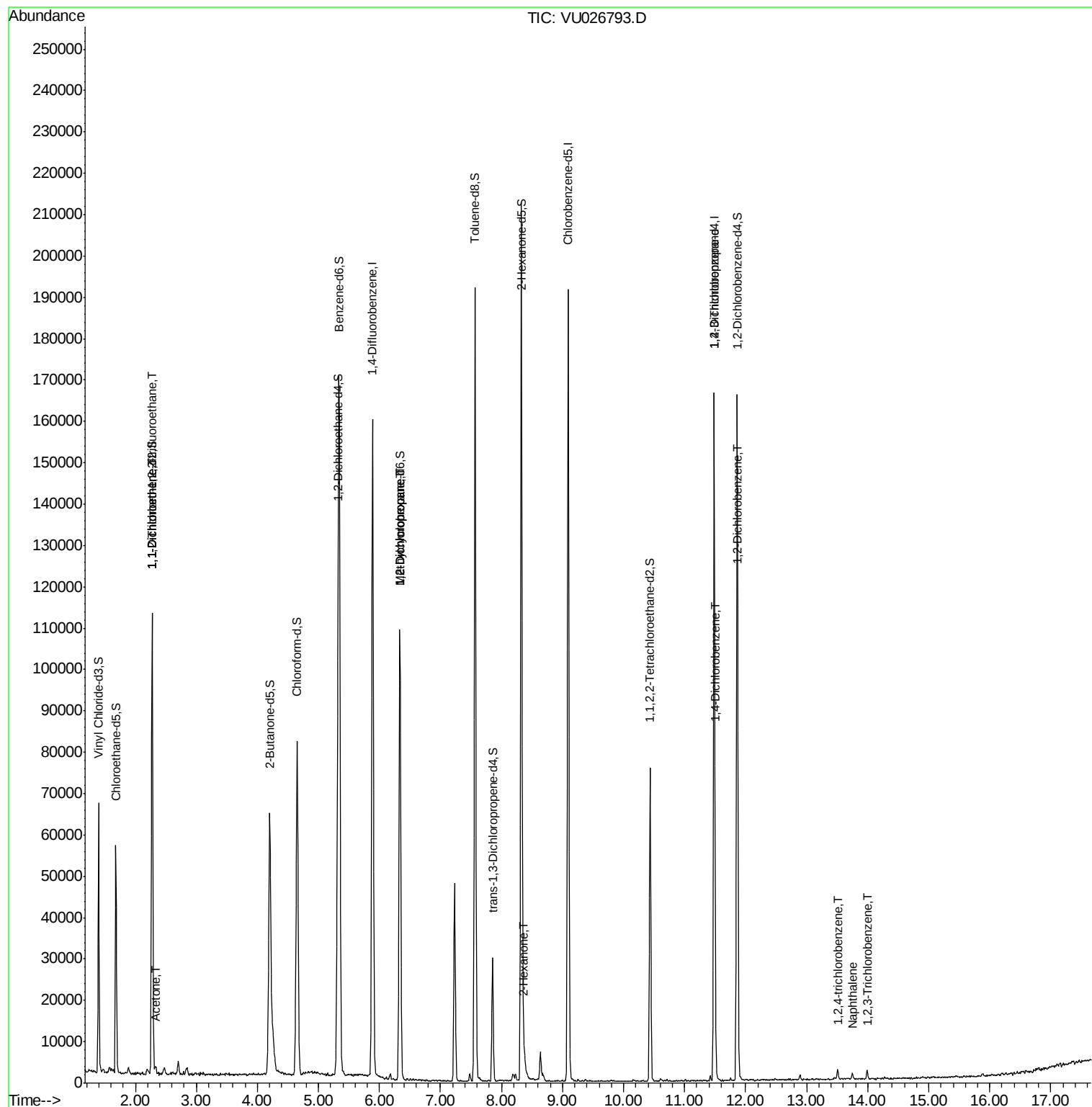
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	583	0.059	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	564	0.060	ug/L #	1
13) Acetone	2.33	43	1126	0.602	ug/L	78
35) Methylcyclohexane	6.33	83	11931	0.715	ug/L #	17
37) 1,2-Dichloropropane	6.33	63	5295	0.495	ug/L #	87
48) 2-Hexanone	8.38	43	3189	0.716	ug/L #	89
59) 1,2,3-Trichloropropane	11.48	75	5098	0.810	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	1474	0.080	ug/L #	89
65) 1,2-Dichlorobenzene	11.88	146	1153	0.068	ug/L #	82
68) 1,2,4-trichlorobenzene	13.50	180	1065	0.096	ug/L #	97
69) Naphthalene	13.75	128	1568	0.099	ug/L #	90
70) 1,2,3-Trichlorobenzene	13.99	180	987	0.094	ug/L #	89

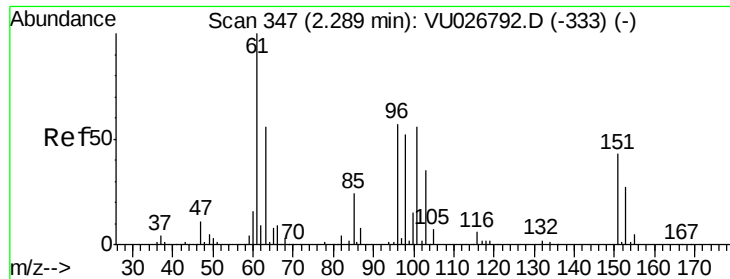
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.059 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK59

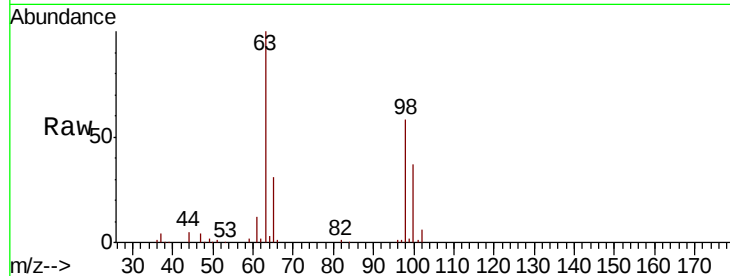
Tgt Ion: 101 Resp: 583

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

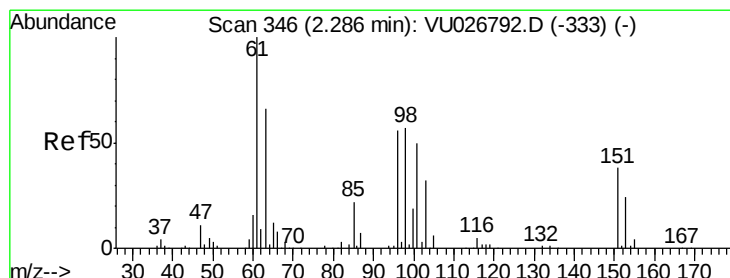
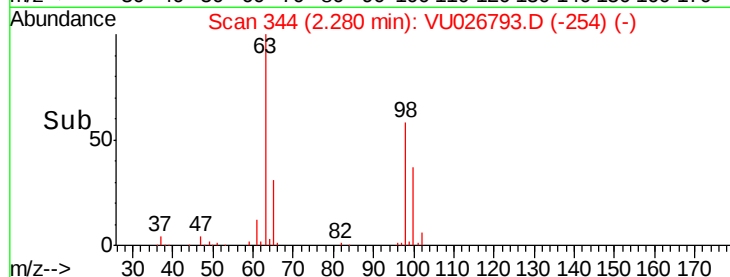
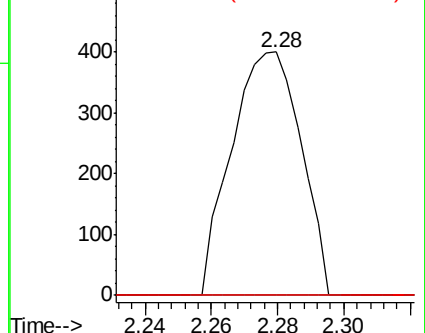
151 0.0 63.3 94.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.060 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

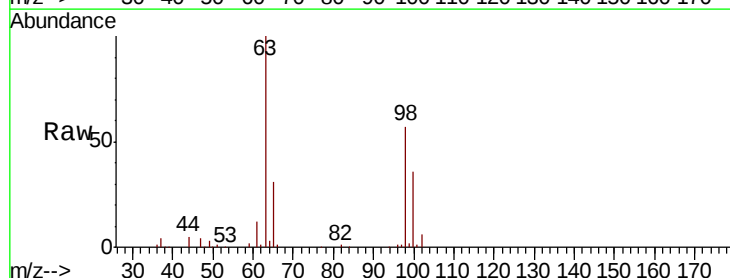
Tgt Ion: 96 Resp: 564

Ion Ratio Lower Upper

96 100

61 1079.3 126.6 235.2#

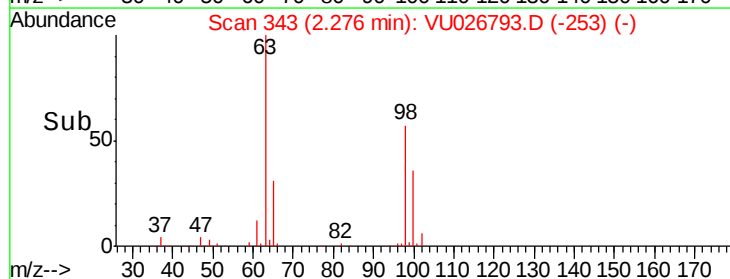
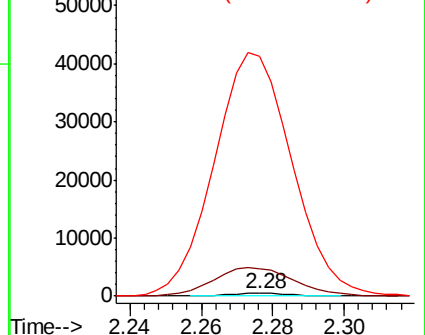
63 9302.7 91.3 169.5#

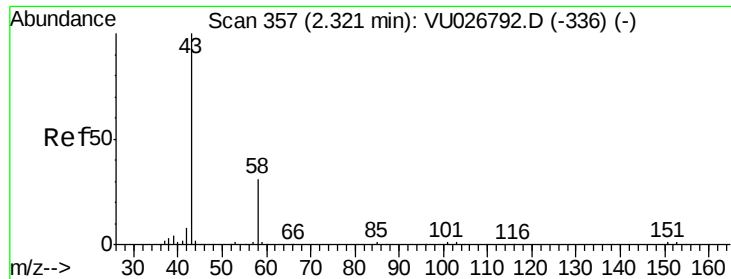


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 0.602 ug/L

RT: 2.33 min Scan# 360

Delta R.T. -0.02 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

Instrument :

MSVOA_U

ClientSampleId :

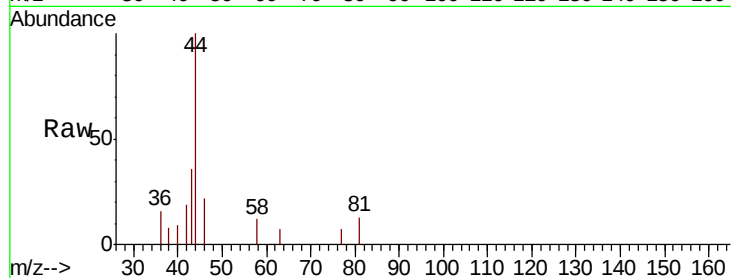
VBLK59

Tgt Ion: 43 Resp: 1126

Ion Ratio Lower Upper

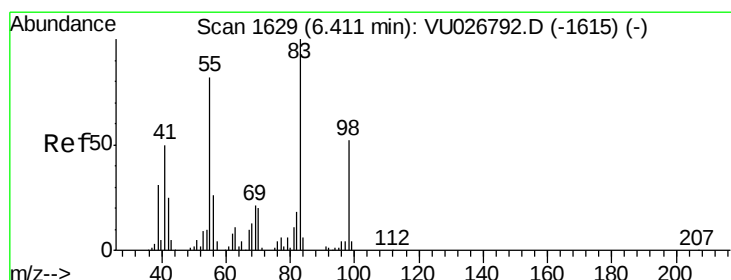
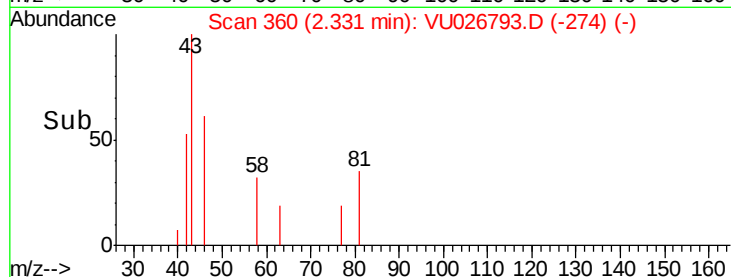
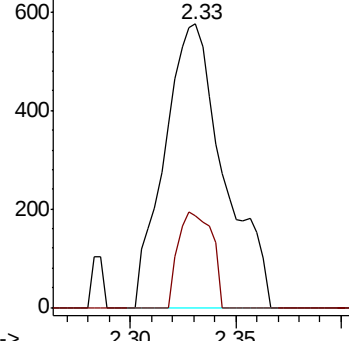
43 100

58 19.2 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.33 min Scan# 1605

Delta R.T. -0.08 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

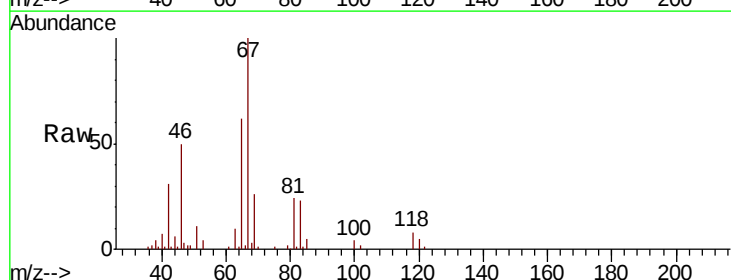
Tgt Ion: 83 Resp: 11931

Ion Ratio Lower Upper

83 100

55 0.4 64.9 97.3#

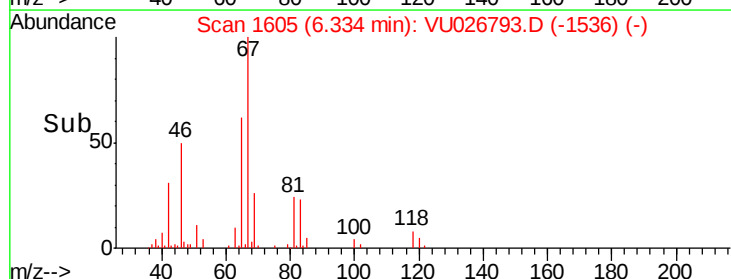
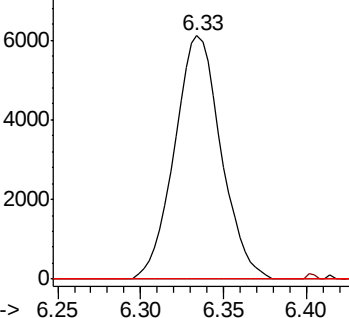
98 0.4 39.3 58.9#

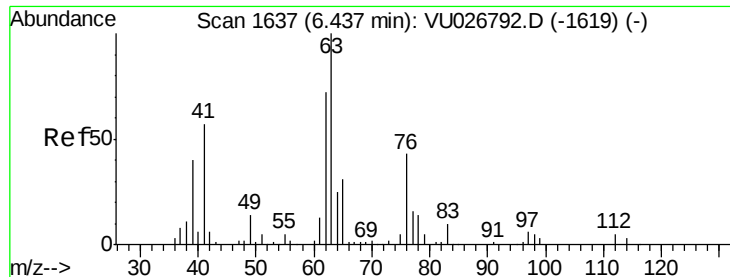


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

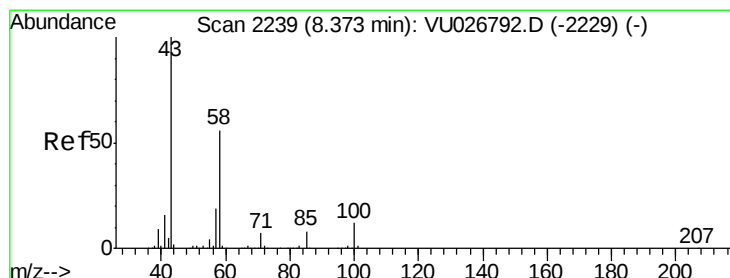
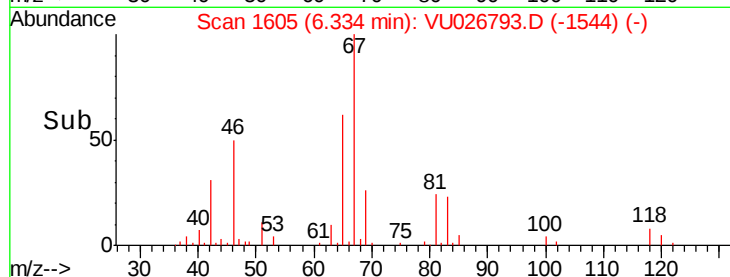
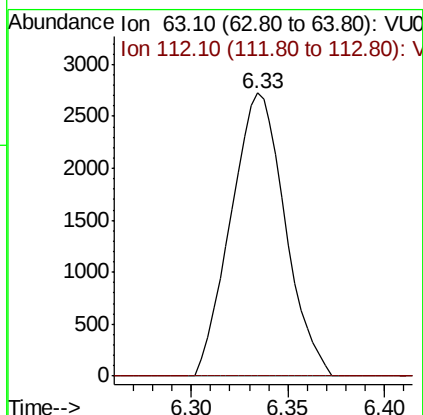
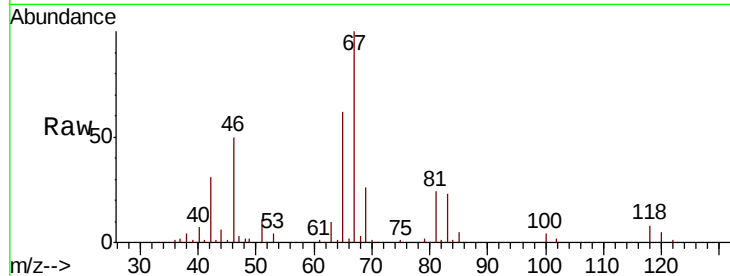




#37
 1,2-Dichloropropane
 Concen: 0.495 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026793.D
 Acq: 15 Sep 2018 21:54

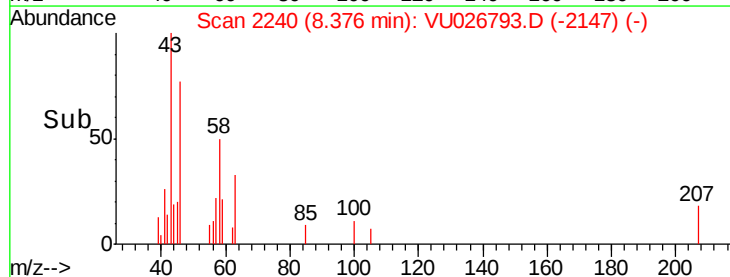
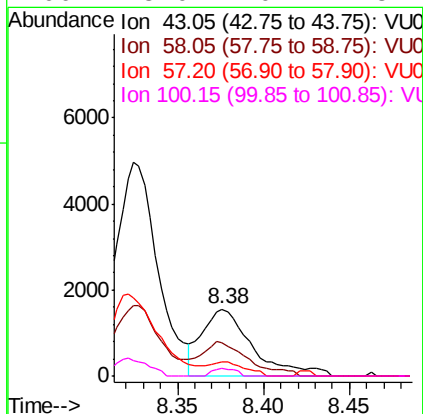
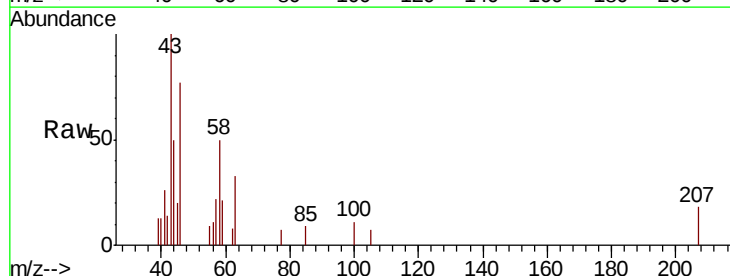
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK59

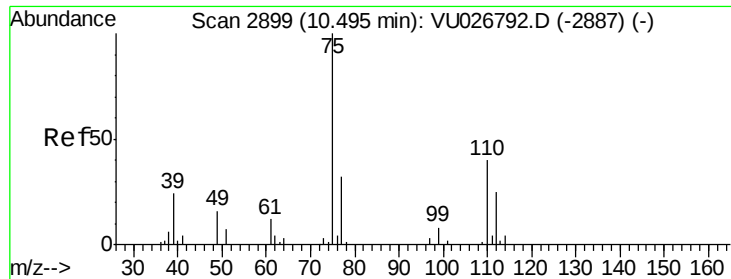
Tgt Ion: 63 Resp: 5295
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#48
 2-Hexanone
 Concen: 0.716 ug/L
 RT: 8.38 min Scan# 2240
 Delta R.T. 0.00 min
 Lab File: VU026793.D
 Acq: 15 Sep 2018 21:54

Tgt Ion: 43 Resp: 3189
 Ion Ratio Lower Upper
 43 100
 58 47.1 43.7 65.5
 57 15.5 15.2 22.8
 100 5.0 10.1 15.1#

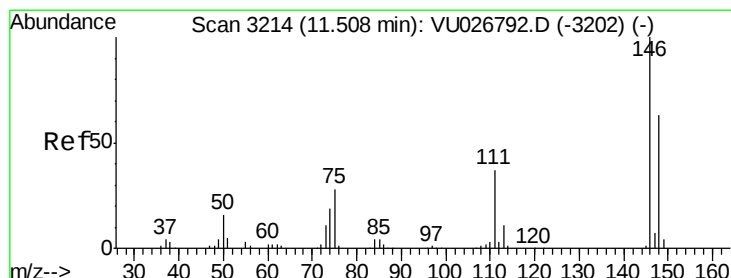
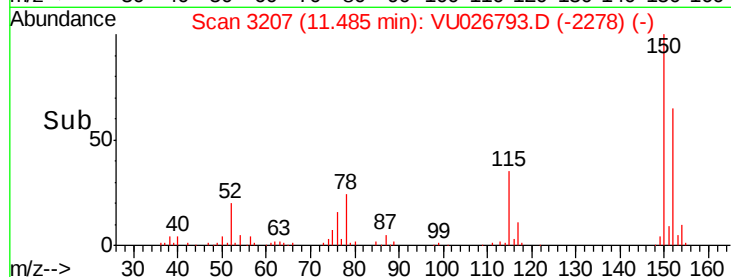
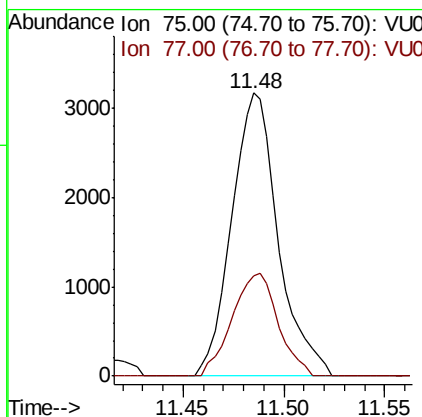
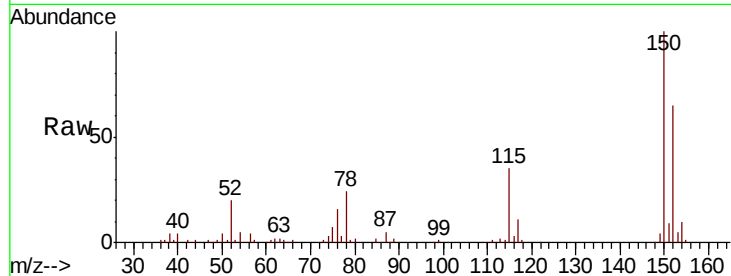




#59
 1,2,3-Trichloropropane
 Concen: 0.810 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026793.D
 Acq: 15 Sep 2018 21:54

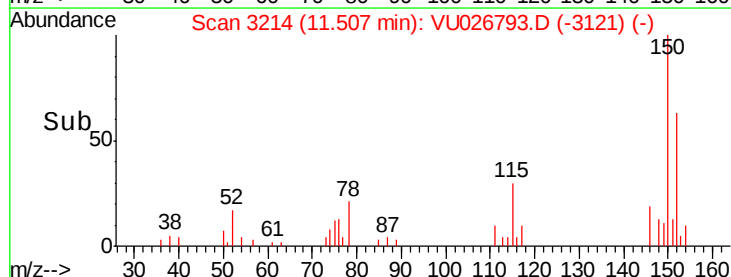
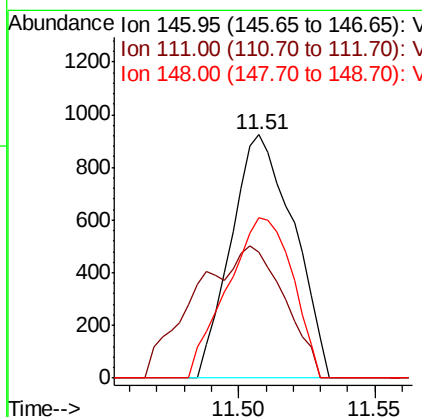
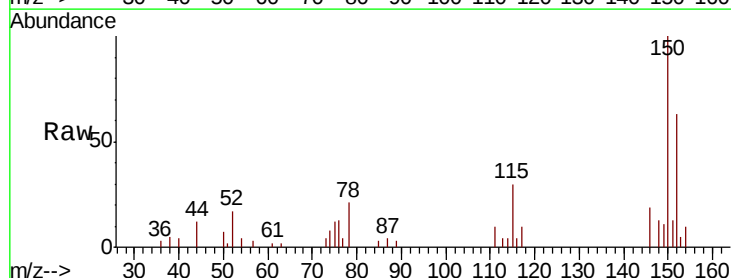
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK59

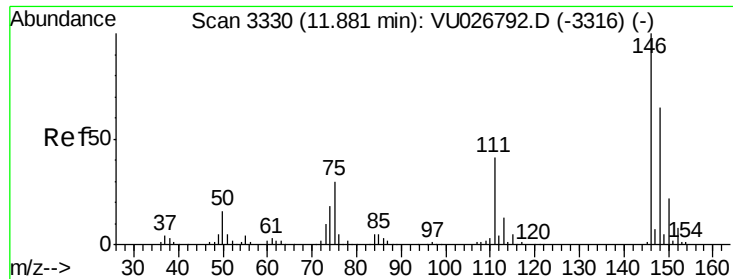
Tgt Ion: 75 Resp: 5098
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.9 38.9



#63
 1,4-Dichlorobenzene
 Concen: 0.080 ug/L
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU026793.D
 Acq: 15 Sep 2018 21:54

Tgt Ion: 146 Resp: 1474
 Ion Ratio Lower Upper
 146 100
 111 51.6 25.3 46.9#
 148 65.7 44.5 82.7





#65

1,2-Dichlorobenzene

Concen: 0.068 ug/L

RT: 11.88 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

Instrument :

MSVOA_U

ClientSampleId :

VBLK59

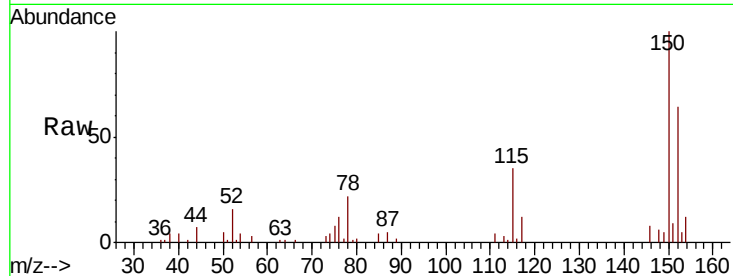
Tgt Ion:146 Resp: 1153

Ion Ratio Lower Upper

146 100

111 53.8 32.5 48.7#

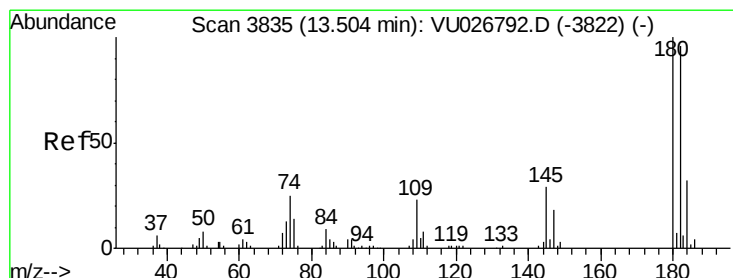
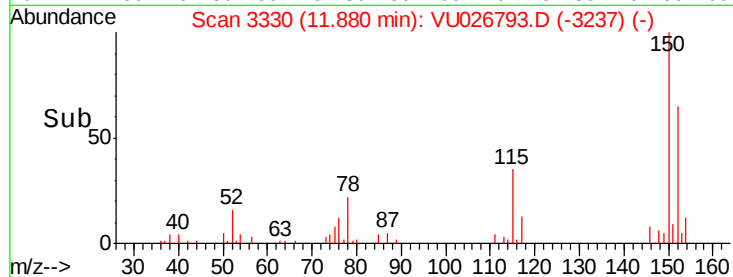
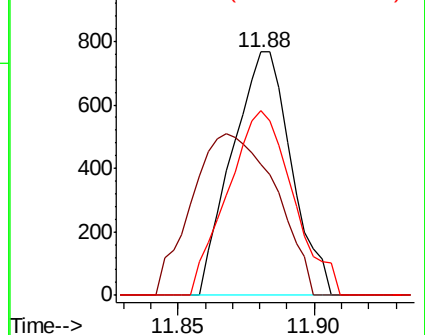
148 75.9 50.5 75.7#



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2,4-trichlorobenzene

Concen: 0.096 ug/L

RT: 13.50 min Scan# 3835

Delta R.T. 0.00 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

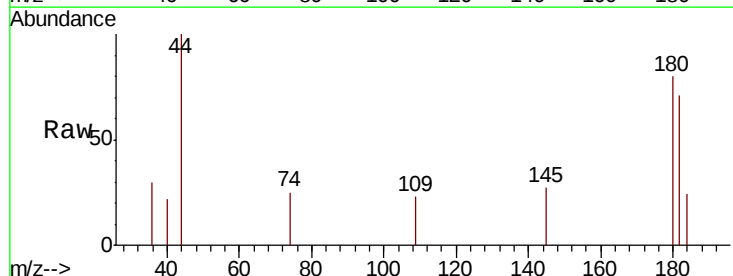
Tgt Ion:180 Resp: 1065

Ion Ratio Lower Upper

180 100

182 93.4 74.7 112.1

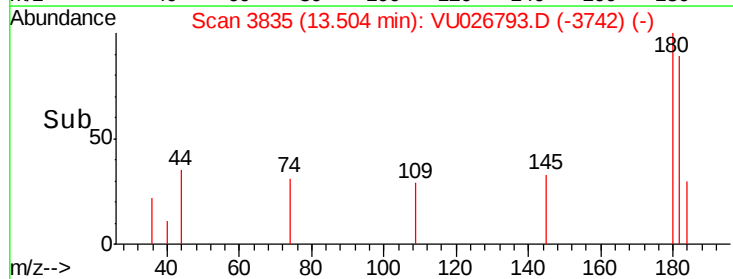
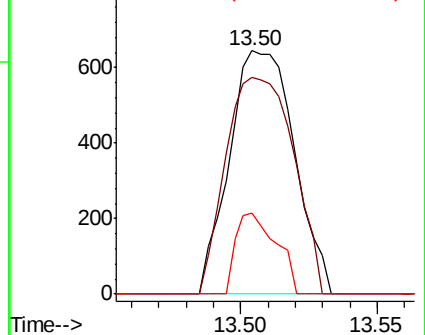
145 20.7 22.3 33.5#

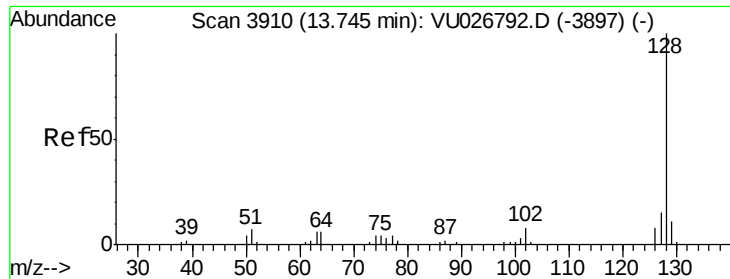


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.099 ug/L

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

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ClientSampleId :

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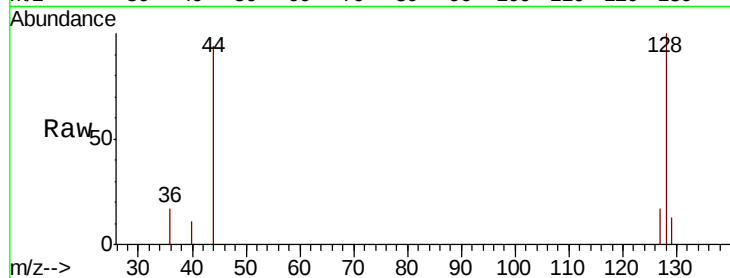
Tgt Ion:128 Resp: 1568

Ion Ratio Lower Upper

128 100

129 5.7 8.6 12.8#

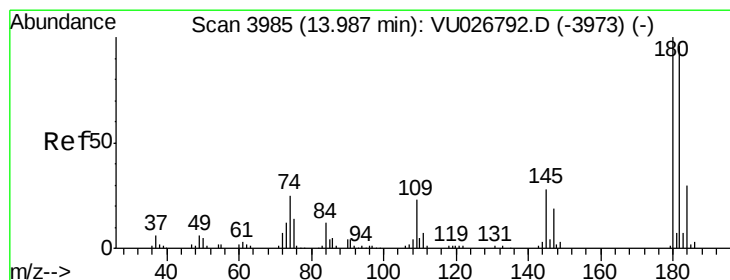
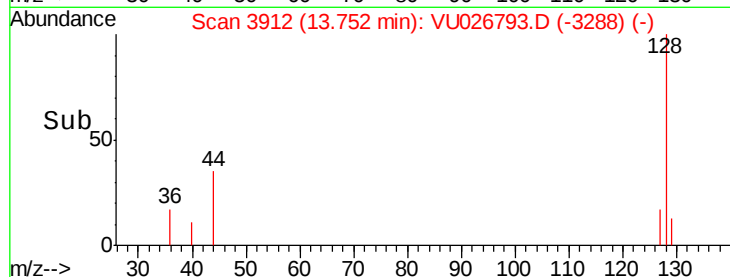
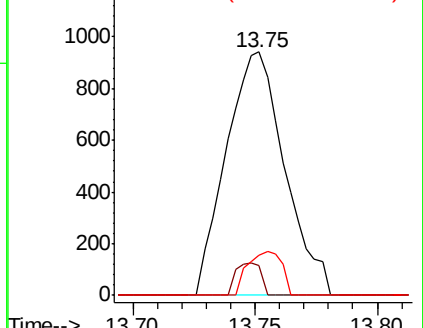
127 10.3 10.8 16.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.094 ug/L

RT: 13.99 min Scan# 3986

Delta R.T. 0.00 min

Lab File: VU026793.D

Acq: 15 Sep 2018 21:54

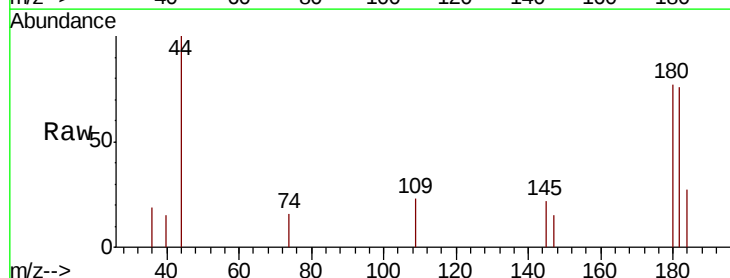
Tgt Ion:180 Resp: 987

Ion Ratio Lower Upper

180 100

182 91.0 77.0 115.6

145 14.0 23.4 35.2#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

