

Data File : VU029784.D
Acq On : 04 Mar 2019 14:47
Operator : JC/SP
Sample : K1657-15MS
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB660MS

Quant Time: Mar 05 00:41:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 05 00:37:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	437403	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	419620	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	209334	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	119608	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.67	69	108718	38.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.30%
11) 1,1-Dichloroethene-d2	2.27	63	241727	38.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.16%
21) 2-Butanone-d5	4.17	46	223015	114.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	4.64	84	242932	46.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.46%
26) 1,2-Dichloroethane-d4	5.31	65	154481	46.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.88%
32) Benzene-d6	5.34	84	518306	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.33	67	163892	51.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.18%
41) Toluene-d8	7.56	98	484298	44.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.88%
43) trans-1,3-Dichloropropene-	7.85	79	74458	44.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.38%
47) 2-Hexanone-d5	8.31	63	184517	104.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265568	49.48	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.96%
64) 1,2-Dichlorobenzene-d4	11.85	152	209049	46.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.68%

Target Compounds

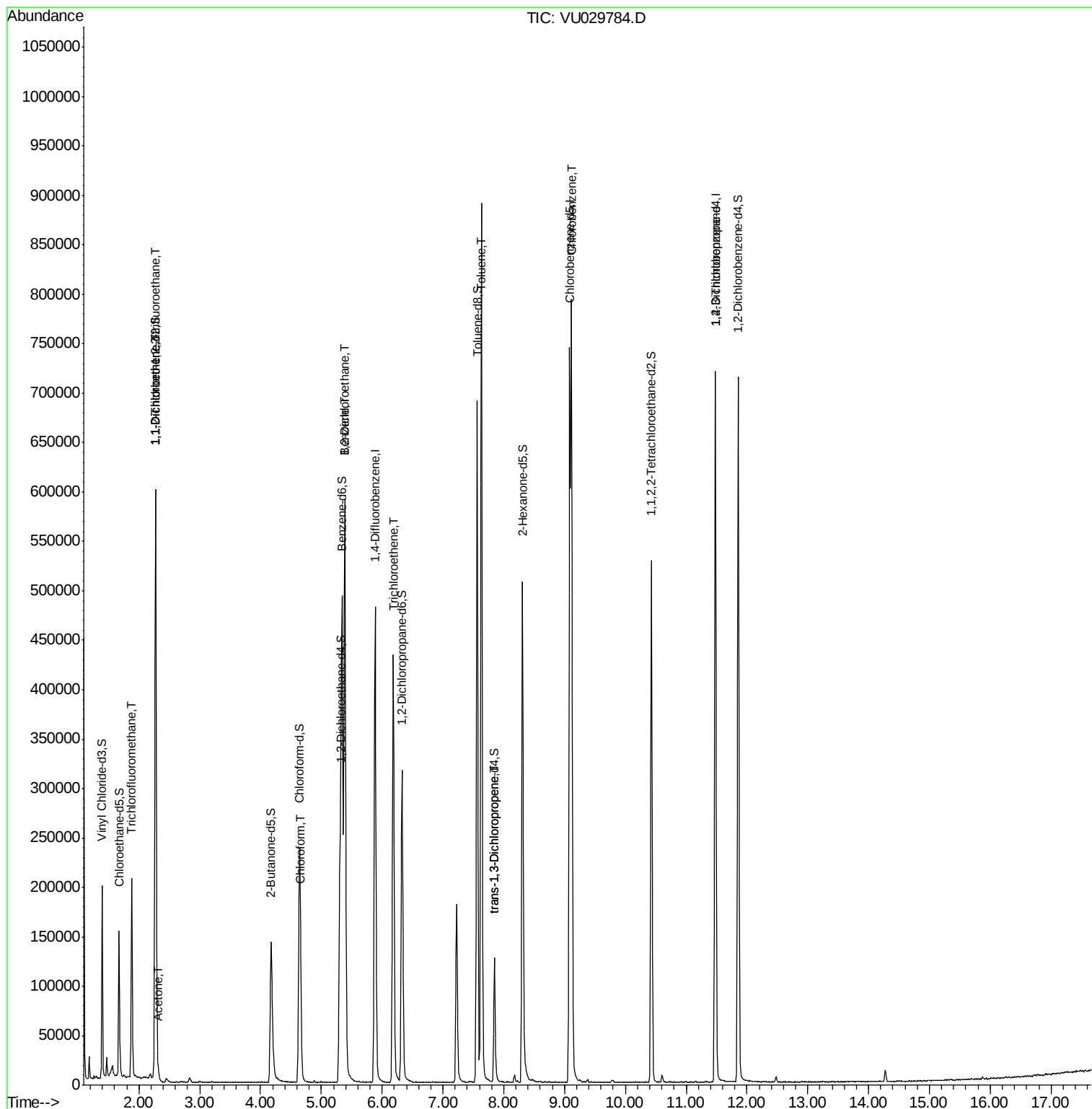
						Qvalue
9) Trichlorofluoromethane	1.88	101	127024	22.301	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2323	0.762	ug/L #	20
12) 1,1-Dichloroethene	2.28	96	135793	46.881	ug/L	86
13) Acetone	2.32	43	7150	3.430	ug/L	98
25) Chloroform	4.67	83	10005	1.940	ug/L	83
27) 1,2-Dichloroethane	5.39	62	5041	1.271	ug/L #	73
33) Benzene	5.39	78	608078	56.521	ug/L	100
34) Trichloroethene	6.18	95	152944	52.772	ug/L	97
42) Toluene	7.63	91	676292	53.156	ug/L	99
44) trans-1,3-Dichloropropene	7.85	75	2550	0.594	ug/L	87
51) Chlorobenzene	9.12	112	447459	51.242	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	21535	5.348	ug/L	95

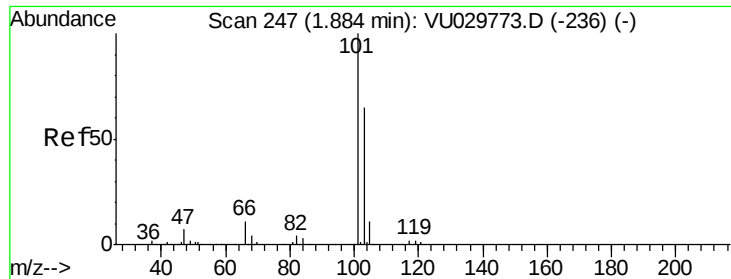
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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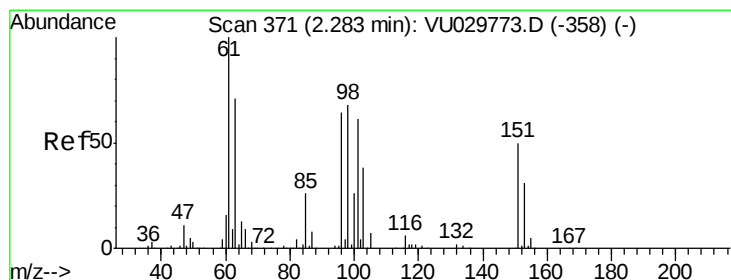
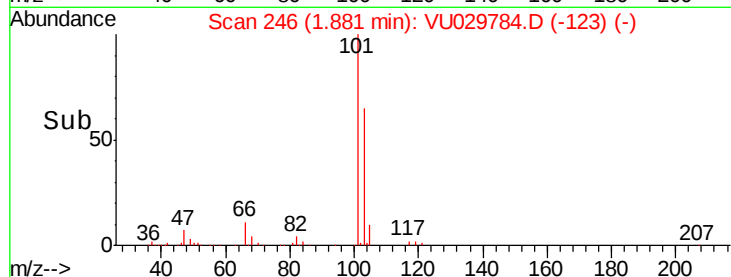
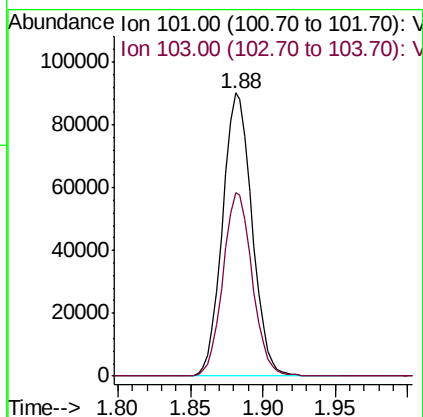
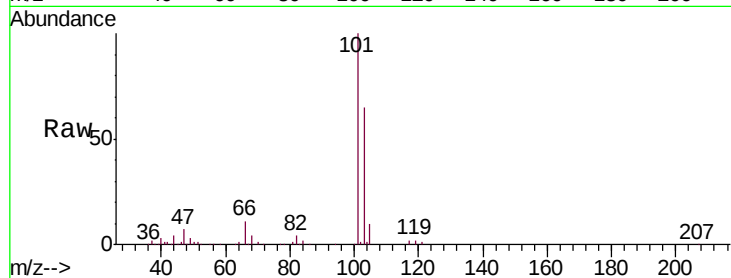


#9

Trichlorofluoromethane
 Concen: 22.301 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU029784.D
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Instrument :
 MSVOA_U
 ClientSampleId :
 DB660MS

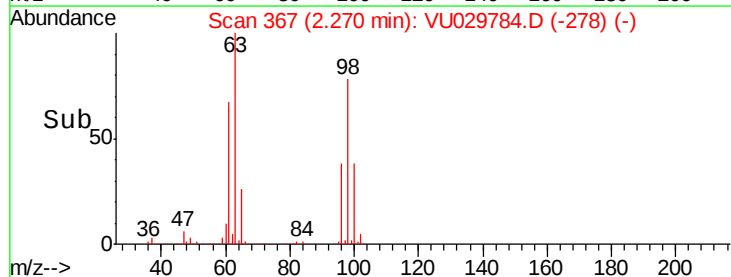
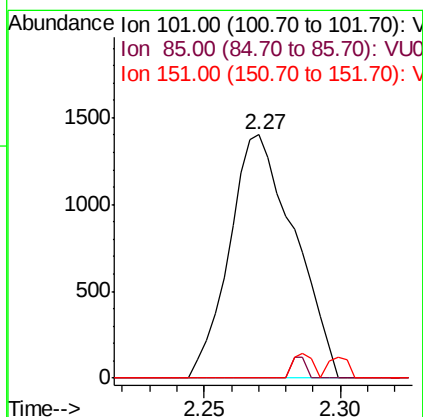
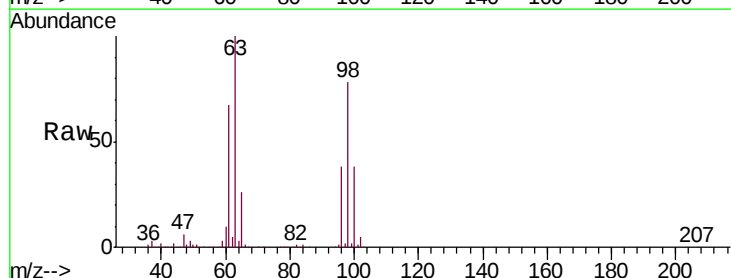
Tgt Ion:101 Resp: 127024
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.2

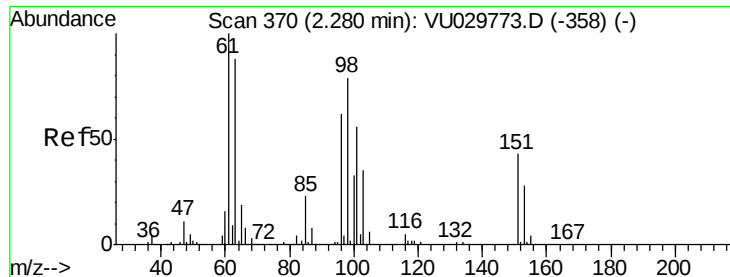


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.762 ug/L
 RT: 2.27 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VU029784.D
 Acq: 04 Mar 2019 14:47

Tgt Ion:101 Resp: 2323
 Ion Ratio Lower Upper
 101 100
 85 2.0 33.0 49.6#
 151 3.1 65.7 98.5#

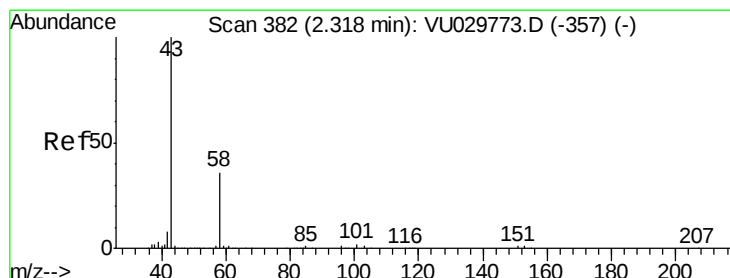
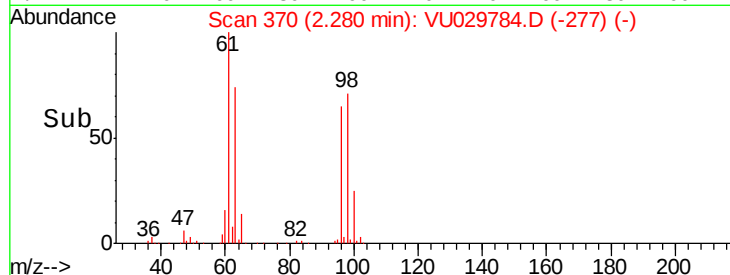
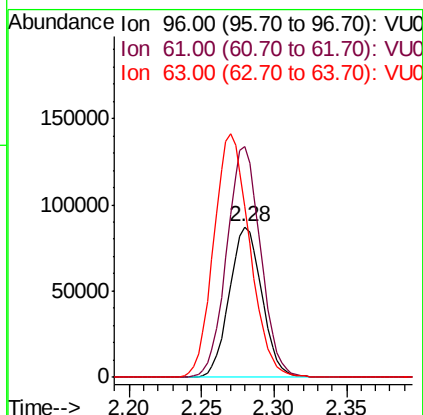
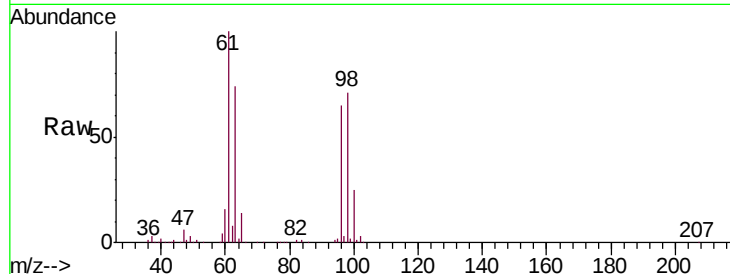




#12
 1,1-Dichloroethene
 Concen: 46.881 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU029784.D
 Acq: 04 Mar 2019 14:47

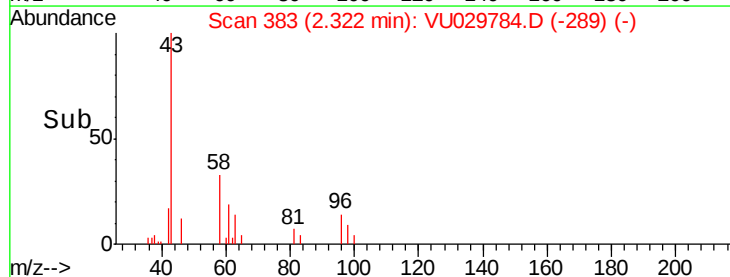
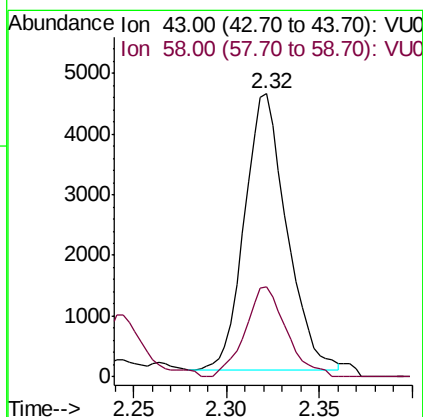
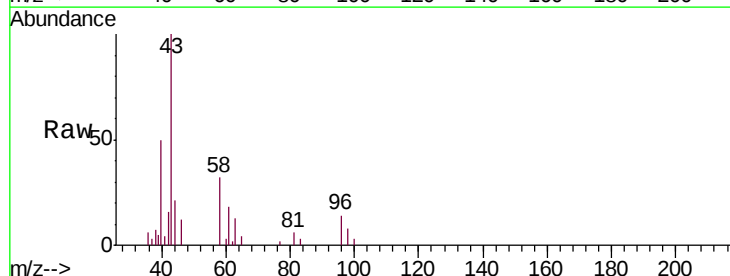
Instrument :
 MSVOA_U
 ClientSampleId :
 DB660MS

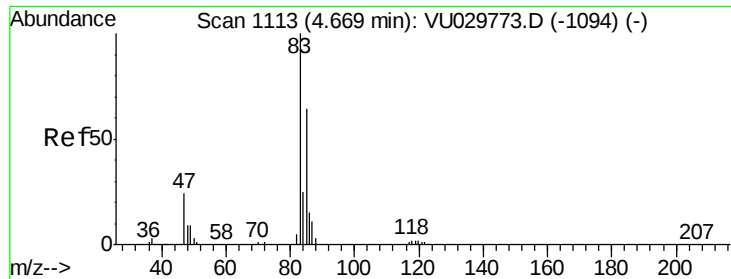
Tgt Ion: 96 Resp: 135793
 Ion Ratio Lower Upper
 96 100
 61 153.7 114.0 211.8
 63 113.4 98.7 183.3



#13
 Acetone
 Concen: 3.430 ug/L
 RT: 2.32 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VU029784.D
 Acq: 04 Mar 2019 14:47

Tgt Ion: 43 Resp: 7150
 Ion Ratio Lower Upper
 43 100
 58 32.2 0.0 66.8





#25

Chloroform

Concen: 1.940 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VU029784.D

Acq: 04 Mar 2019 14:47

Instrument :

MSVOA_U

ClientSampleId :

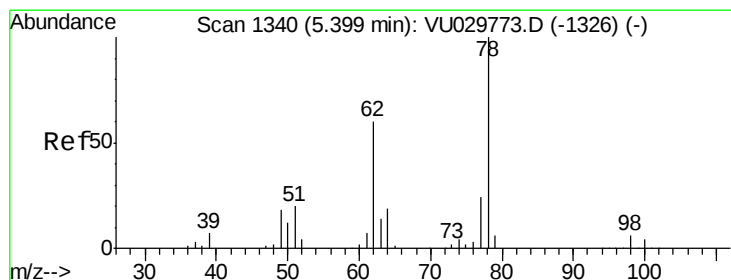
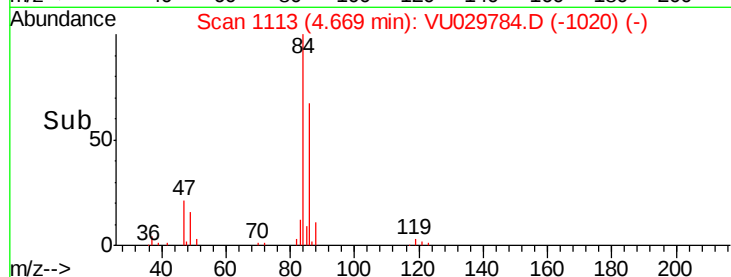
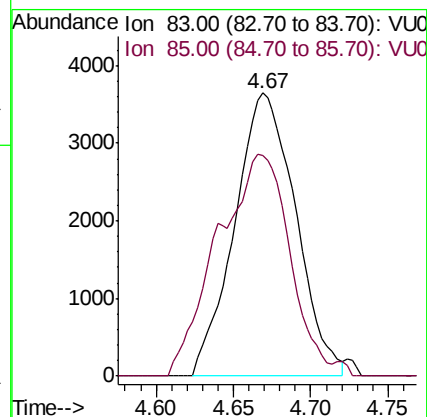
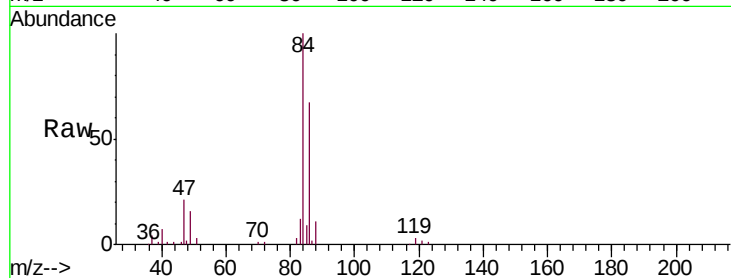
DB660MS

Tgt Ion: 83 Resp: 10005

Ion Ratio Lower Upper

83 100

85 77.9 45.4 84.2



#27

1,2-Dichloroethane

Concen: 1.271 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VU029784.D

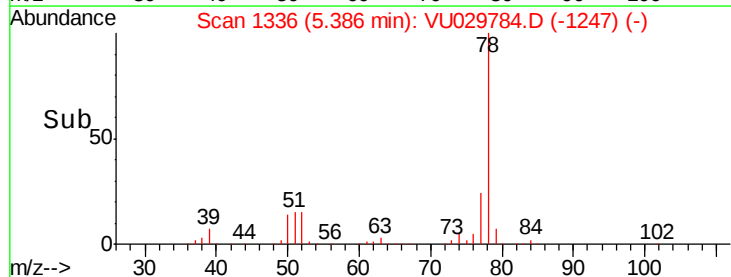
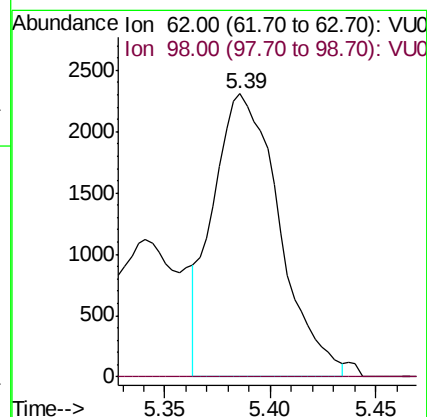
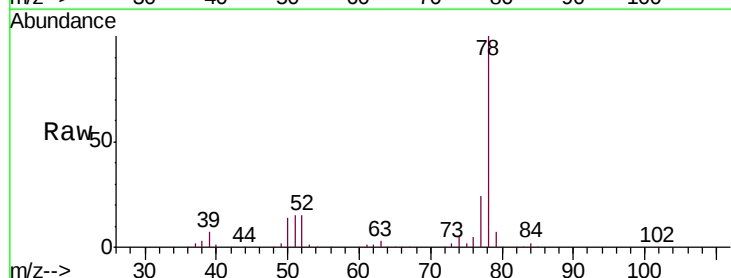
Acq: 04 Mar 2019 14:47

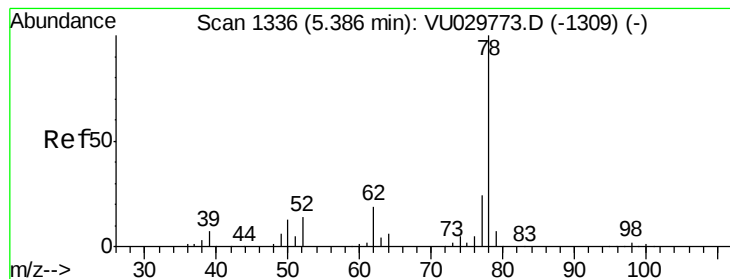
Tgt Ion: 62 Resp: 5041

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#





#33

Benzene

Concen: 56.521 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VU029784.D

Acq: 04 Mar 2019 14:47

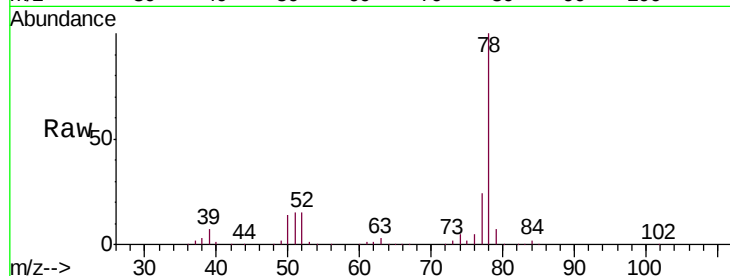
Instrument :

MSVOA_U

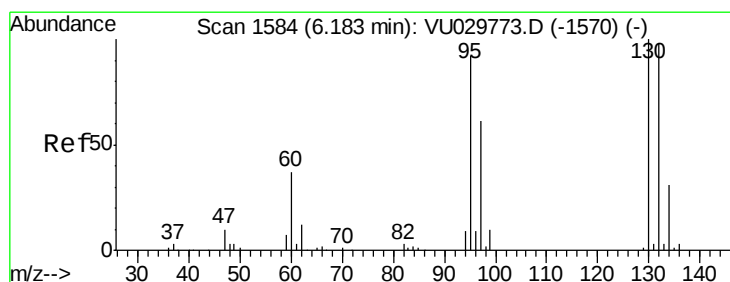
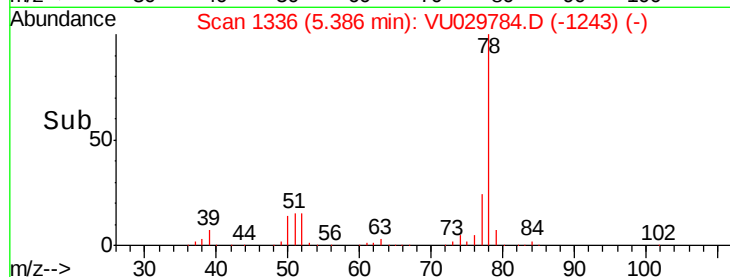
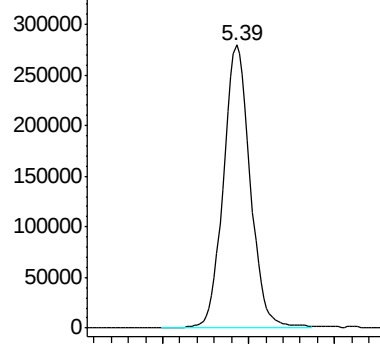
ClientSampleId :

DB660MS

Tgt Ion: 78 Resp: 608078



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 52.772 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU029784.D

Acq: 04 Mar 2019 14:47

Tgt Ion: 95 Resp: 152944

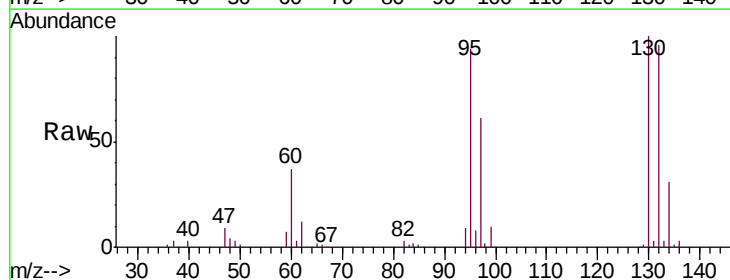
Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.6	82.8
132	102.2	74.6	138.6
130	106.8	77.2	143.4

95 100

97 65.3 44.6 82.8

132 102.2 74.6 138.6

130 106.8 77.2 143.4

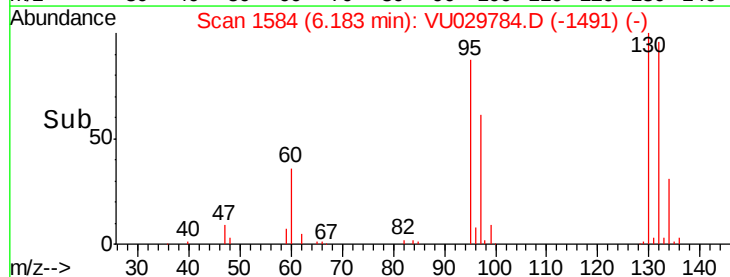
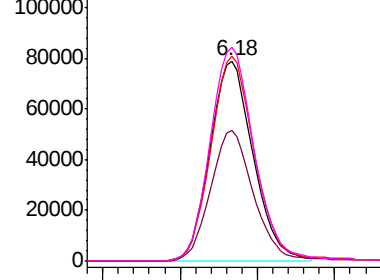


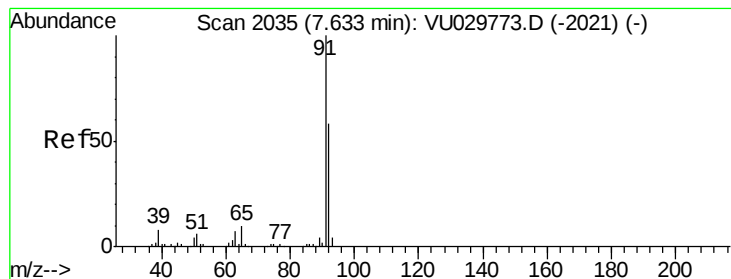
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#42

Toluene

Concen: 53.156 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU029784.D

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Instrument :

MSVOA_U

ClientSampleId :

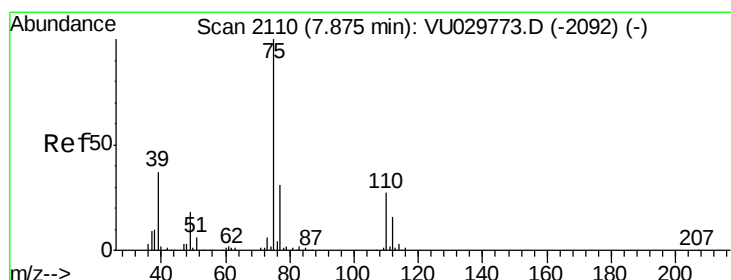
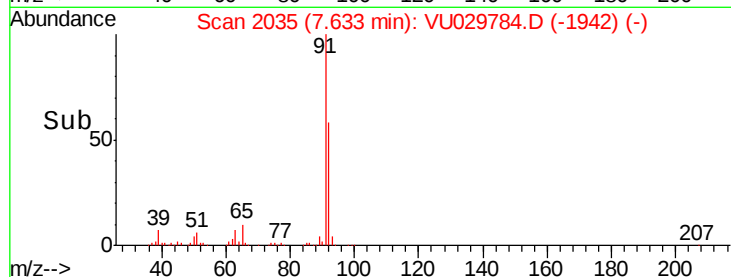
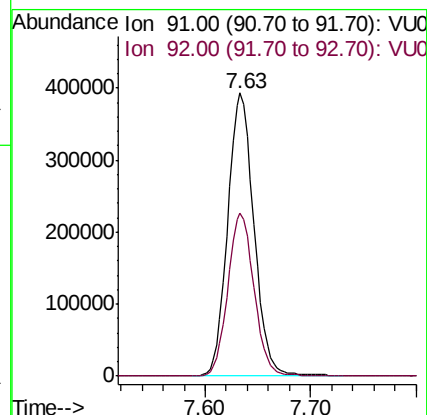
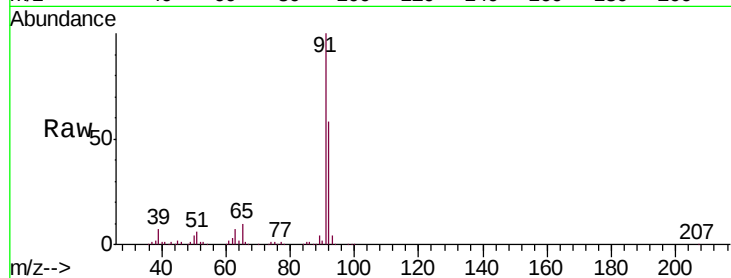
DB660MS

Tgt Ion: 91 Resp: 676292

Ion Ratio Lower Upper

91 100

92 57.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.594 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU029784.D

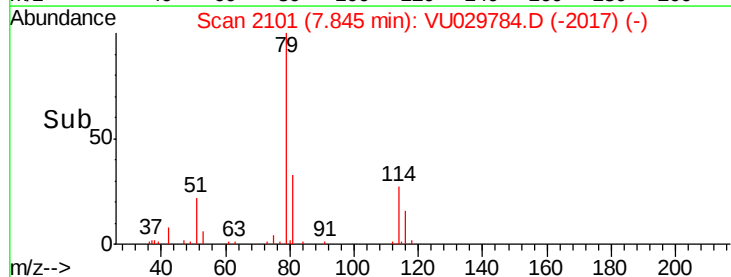
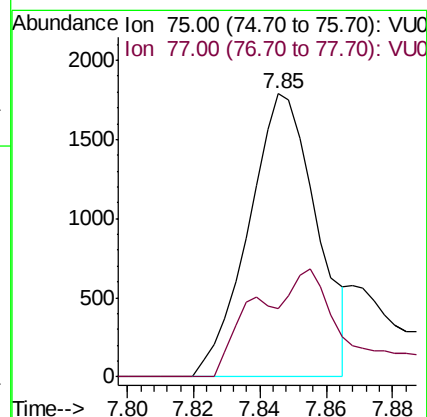
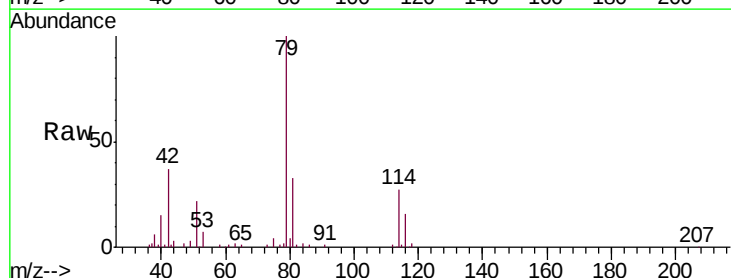
Acq: 04 Mar 2019 14:47

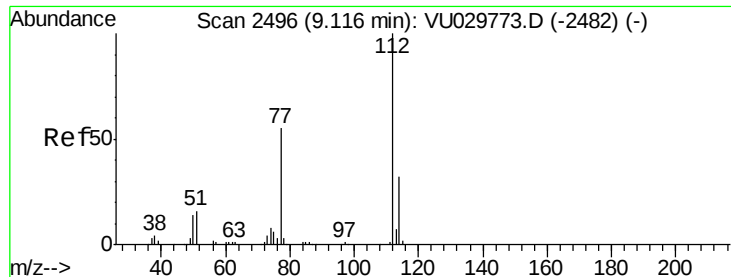
Tgt Ion: 75 Resp: 2550

Ion Ratio Lower Upper

75 100

77 24.2 22.1 41.1

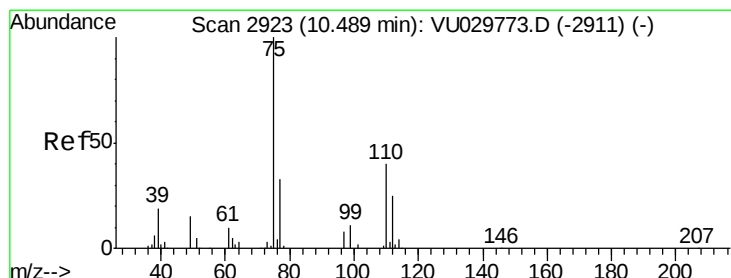
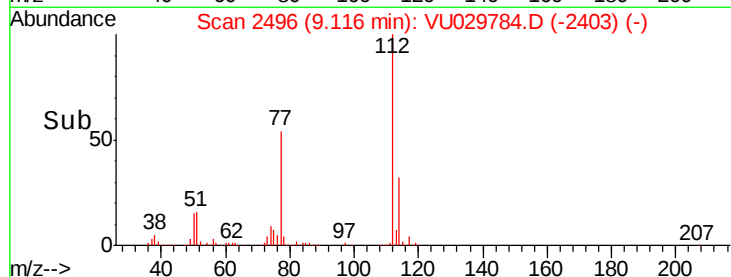
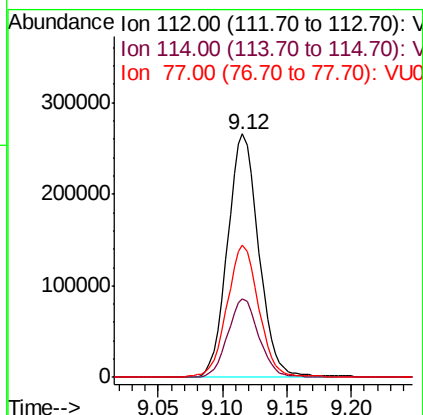
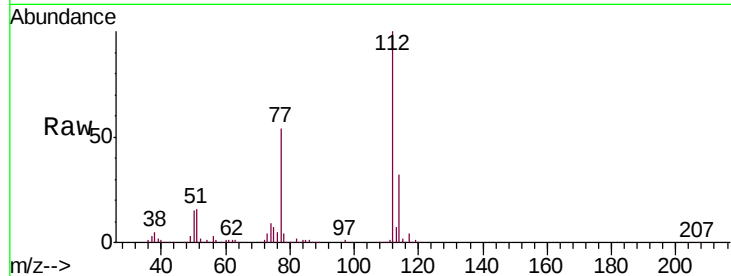




#51
Chlorobenzene
Concen: 51.242 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU029784.D
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Tgt Ion: 112 Resp: 447459
Ion Ratio Lower Upper
112 100
114 32.4 22.7 42.1
77 54.4 42.1 63.1



#59
1,2,3-Trichloropropane
Concen: 5.348 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU029784.D
Acq: 04 Mar 2019 14:47

Tgt Ion: 75 Resp: 21535
Ion Ratio Lower Upper
75 100
77 34.7 25.7 38.5

