

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
 Data File : VU025444.D
 Acq On : 16 Jul 2018 23:24
 Operator : MD/SY
 Sample : J3984-10DL 40X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB184DL

Quant Time: Jul 17 03:57:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:54:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	337879	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	309207	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	133311	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71528	39.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.74%
7) Chloroethane-d5	1.67	69	67204	45.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.10%
11) 1,1-Dichloroethene-d2	2.27	63	120813	30.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.54%
21) 2-Butanone-d5	4.18	46	172024	93.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.71%
24) Chloroform-d	4.65	84	186815	43.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.68%
26) 1,2-Dichloroethane-d4	5.31	65	132648	45.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.20%
32) Benzene-d6	5.34	84	355810	45.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.33	67	117304	46.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.36%
41) Toluene-d8	7.57	98	332041	43.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.85	79	51050	40.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.08%
47) 2-Hexanone-d5	8.31	63	130170	97.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.11%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	172008	44.58	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.16%
64) 1,2-Dichlorobenzene-d4	11.86	152	132872	47.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

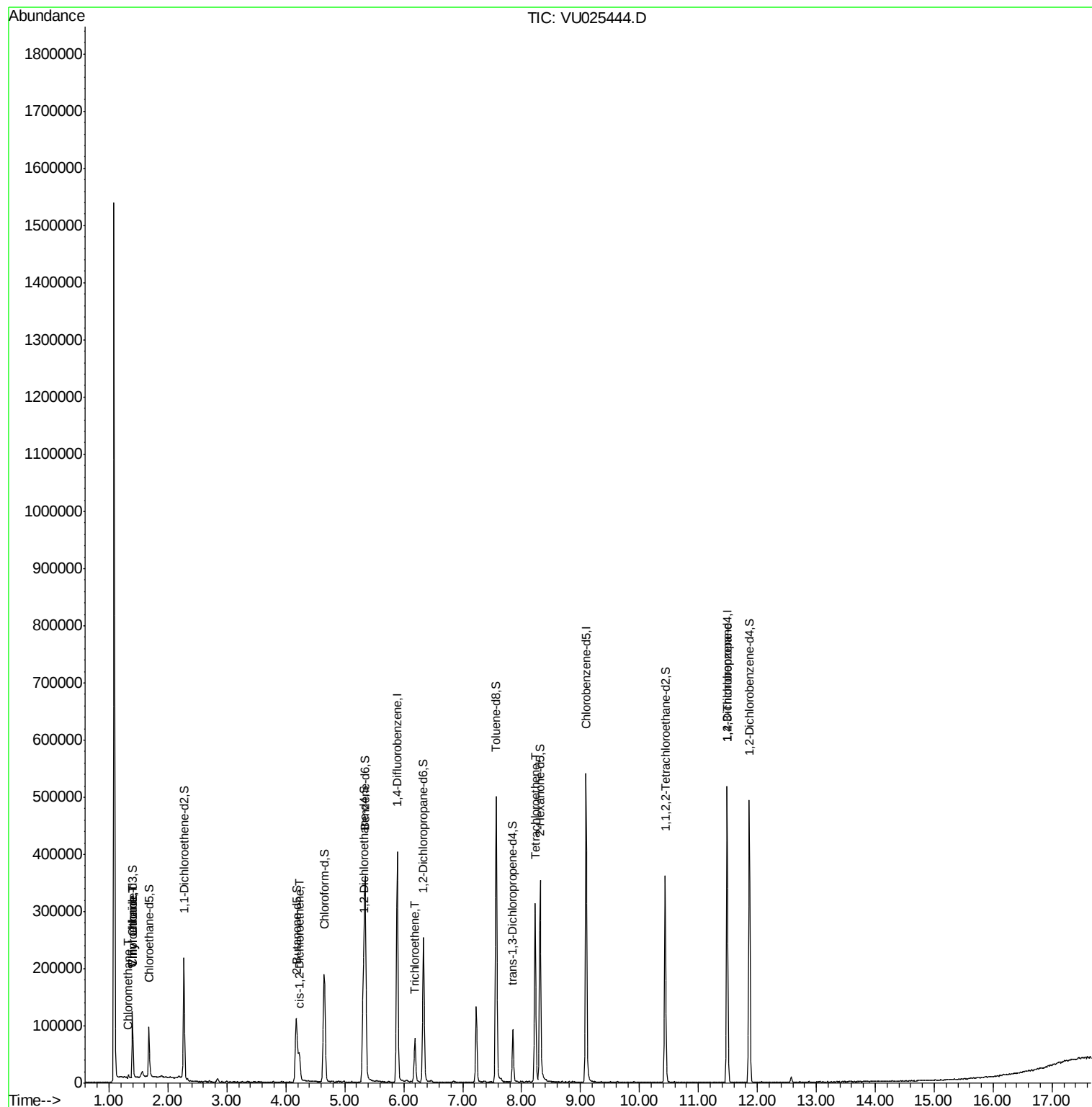
					Qvalue
3) Chloromethane	1.33	50	5292	1.673 ug/L	97
5) Vinyl chloride	1.40	62	9052	3.509 ug/L #	82
8) Chloroethane	1.40	64	3789	2.499 ug/L	91
20) cis-1,2-Dichloroethene	4.23	96	23521	9.072 ug/L	90
34) Trichloroethene	6.19	95	26593	11.041 ug/L	94
46) Tetrachloroethene	8.23	164	69670	34.904 ug/L	98
59) 1,2,3-Trichloropropane	11.49	75	14389	4.143 ug/L #	83

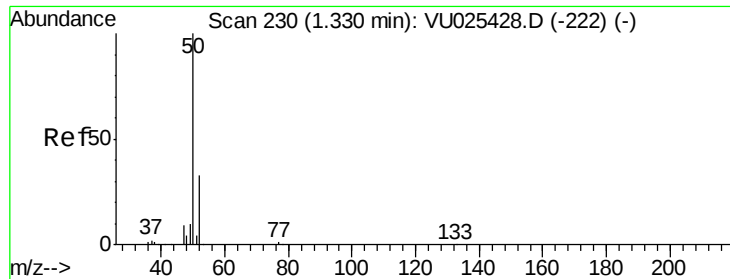
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU071618\
Data File : VU025444.D
Acq On : 16 Jul 2018 23:24
Operator : MD/SY
Sample : J3984-10DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB184DL

Quant Time: Jul 17 03:57:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 17 02:54:19 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 1.673 ug/L

RT: 1.33 min Scan# 229

Delta R.T. -0.00 min

Lab File: VU025444.D

Acq: 16 Jul 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

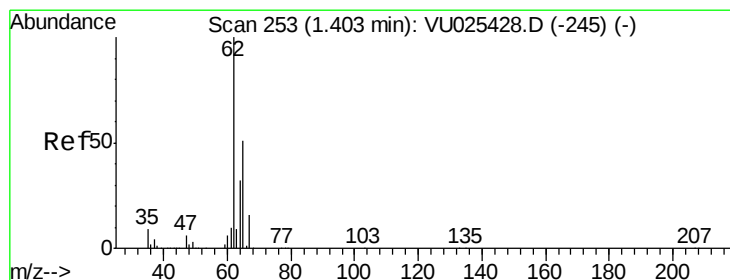
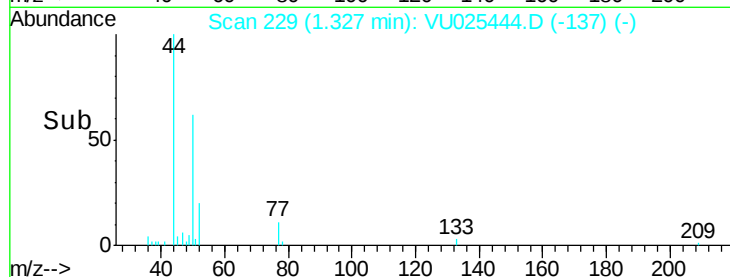
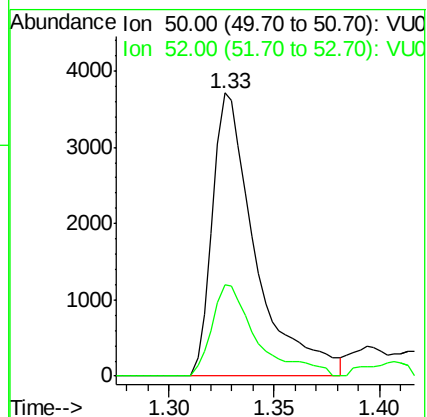
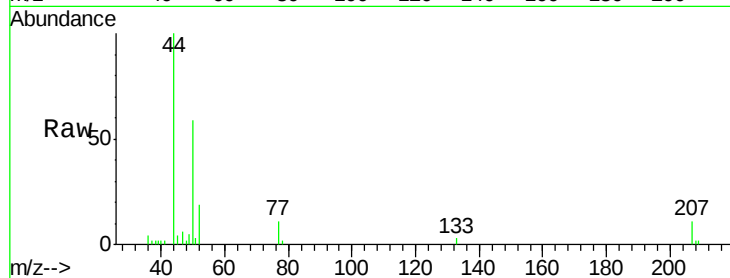
DB184DL

Tgt Ion: 50 Resp: 5292

Ion Ratio Lower Upper

50 100

52 32.1 23.5 43.7



#5

Vinyl chloride

Concen: 3.509 ug/L

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU025444.D

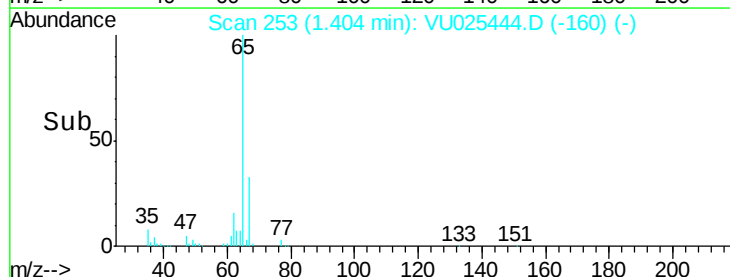
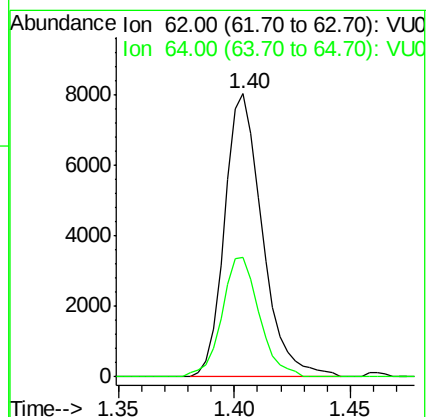
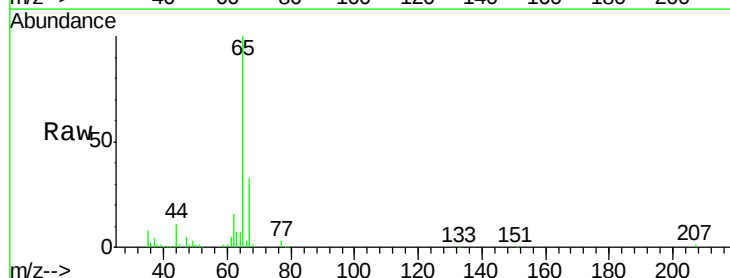
Acq: 16 Jul 2018 23:24

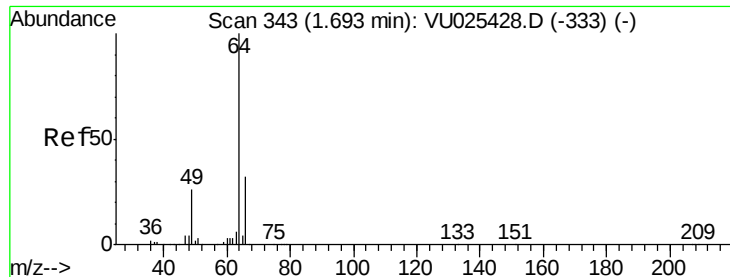
Tgt Ion: 62 Resp: 9052

Ion Ratio Lower Upper

62 100

64 42.3 22.6 42.0#

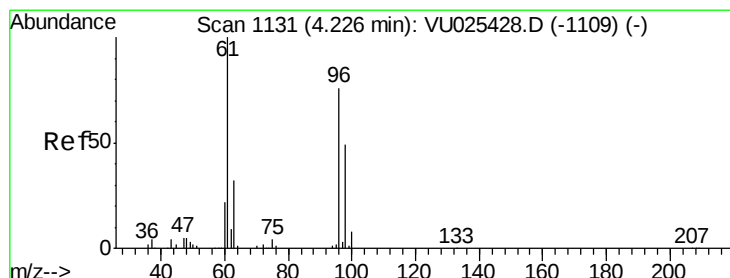
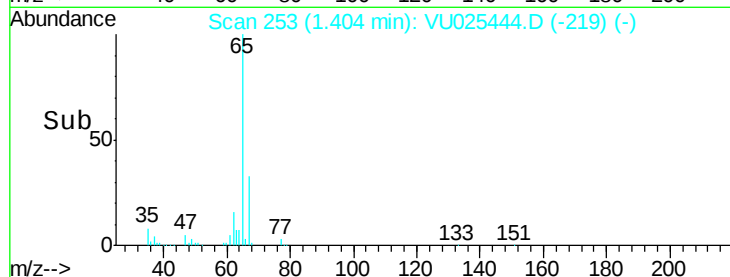
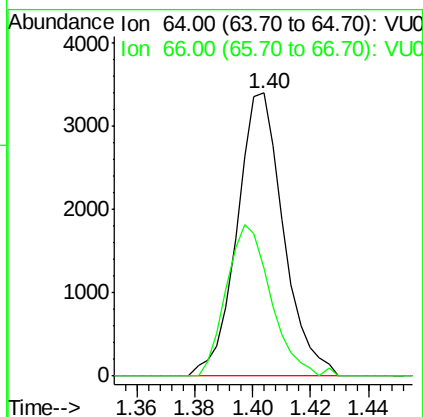
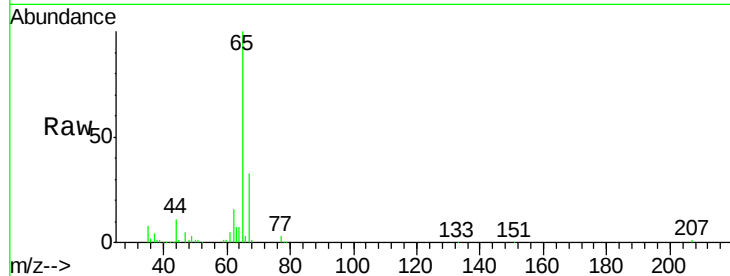




#8
 Chloroethane
 Concen: 2.499 ug/L
 RT: 1.40 min Scan# 253
 Delta R.T. -0.29 min
 Lab File: VU025444.D
 Acq: 16 Jul 2018 23:24

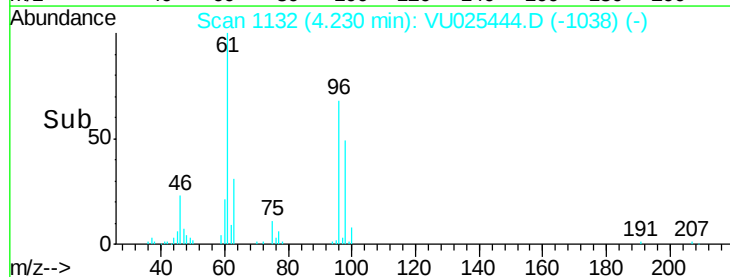
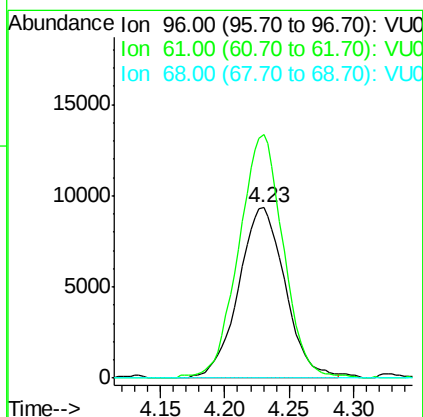
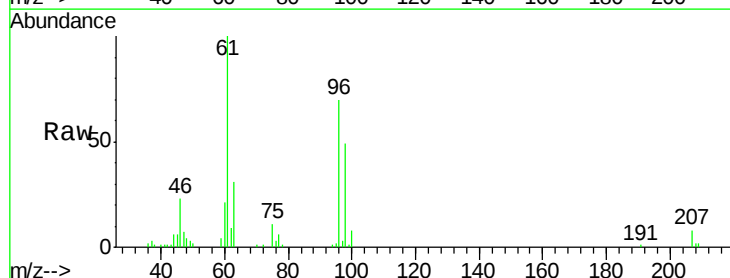
Instrument :
 MSVOA_U
 ClientSampleId :
 DB184DL

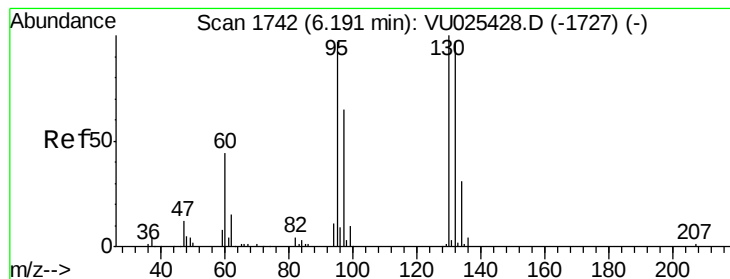
Tgt Ion: 64 Resp: 3789
 Ion Ratio Lower Upper
 64 100
 66 38.2 23.2 43.0



#20
 cis-1,2-Dichloroethene
 Concen: 9.072 ug/L
 RT: 4.23 min Scan# 1132
 Delta R.T. 0.00 min
 Lab File: VU025444.D
 Acq: 16 Jul 2018 23:24

Tgt Ion: 96 Resp: 23521
 Ion Ratio Lower Upper
 96 100
 61 143.2 92.0 170.9
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 11.041 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025444.D

Acq: 16 Jul 2018 23:24

Instrument :

MSVOA_U

ClientSampleID :

DB184DL

Tgt Ion: 95 Resp: 26593

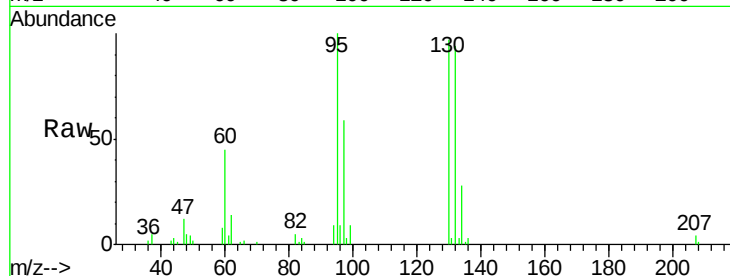
Ion Ratio Lower Upper

95 100

97 59.2 44.3 82.3

132 94.4 69.6 129.2

130 97.0 72.4 134.5

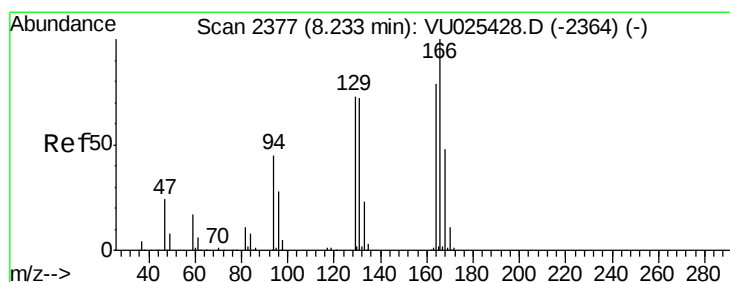
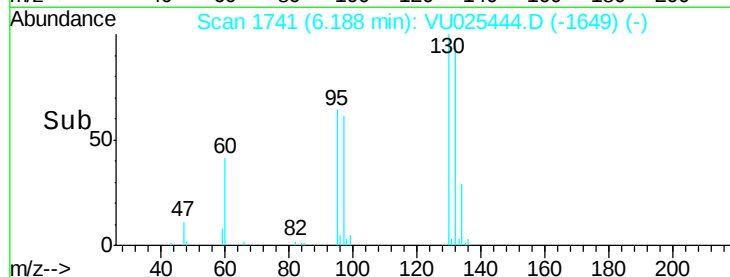
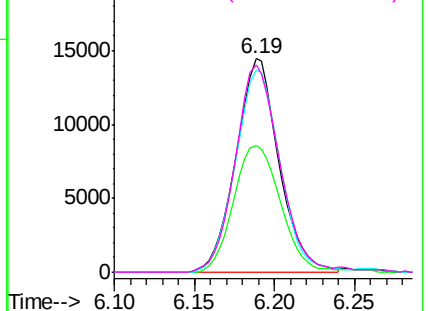


Abundance Ion 95.00 (94.70 to 95.70): VU0

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



#46

Tetrachloroethene

Concen: 34.904 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025444.D

Acq: 16 Jul 2018 23:24

Tgt Ion: 164 Resp: 69670

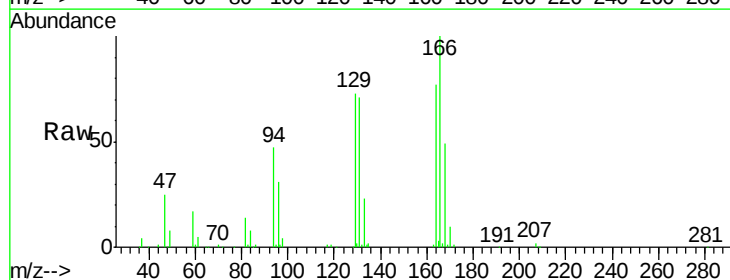
Ion Ratio Lower Upper

164 100

129 95.1 64.7 120.1

131 92.6 63.1 117.3

166 130.5 89.7 166.5

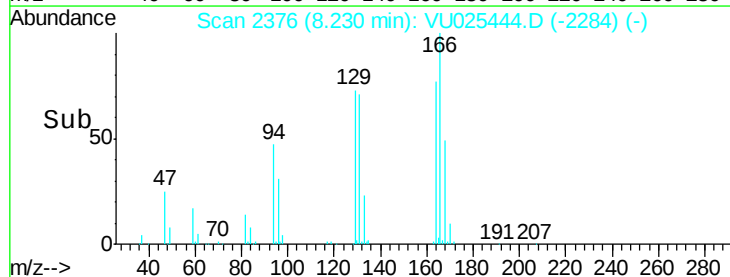
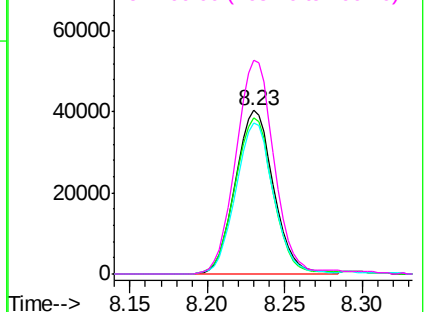


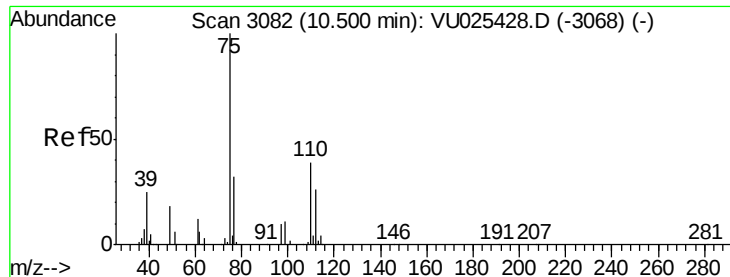
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V





#59

1,2,3-Trichloropropane

Concen: 4.143 ug/L

RT: 11.49 min Scan# 3389

Delta R.T. 0.99 min

Lab File: VU025444.D

Acq: 16 Jul 2018 23:24

Instrument :

MSVOA_U

ClientSampleId :

DB184DL

Tgt Ion: 75 Resp: 14389

Ion Ratio Lower Upper

75 100

77 41.6 25.7 38.5#

