

Data File : VU035088.D
Acq On : 11 Oct 2019 14:23
Operator : JC/SP
Sample : K5310-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Quant Time: Oct 12 01:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	156702	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	61355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	53218	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.68	69	49326	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.26	63	76299	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	4.17	46	140383	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.62	84	78521	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.29	65	52633	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.32	84	187560	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.31	67	65938	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.55	98	167471	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.84	79	19584	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.30	63	97362	43.93	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.86%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	54466	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.85	152	55633	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

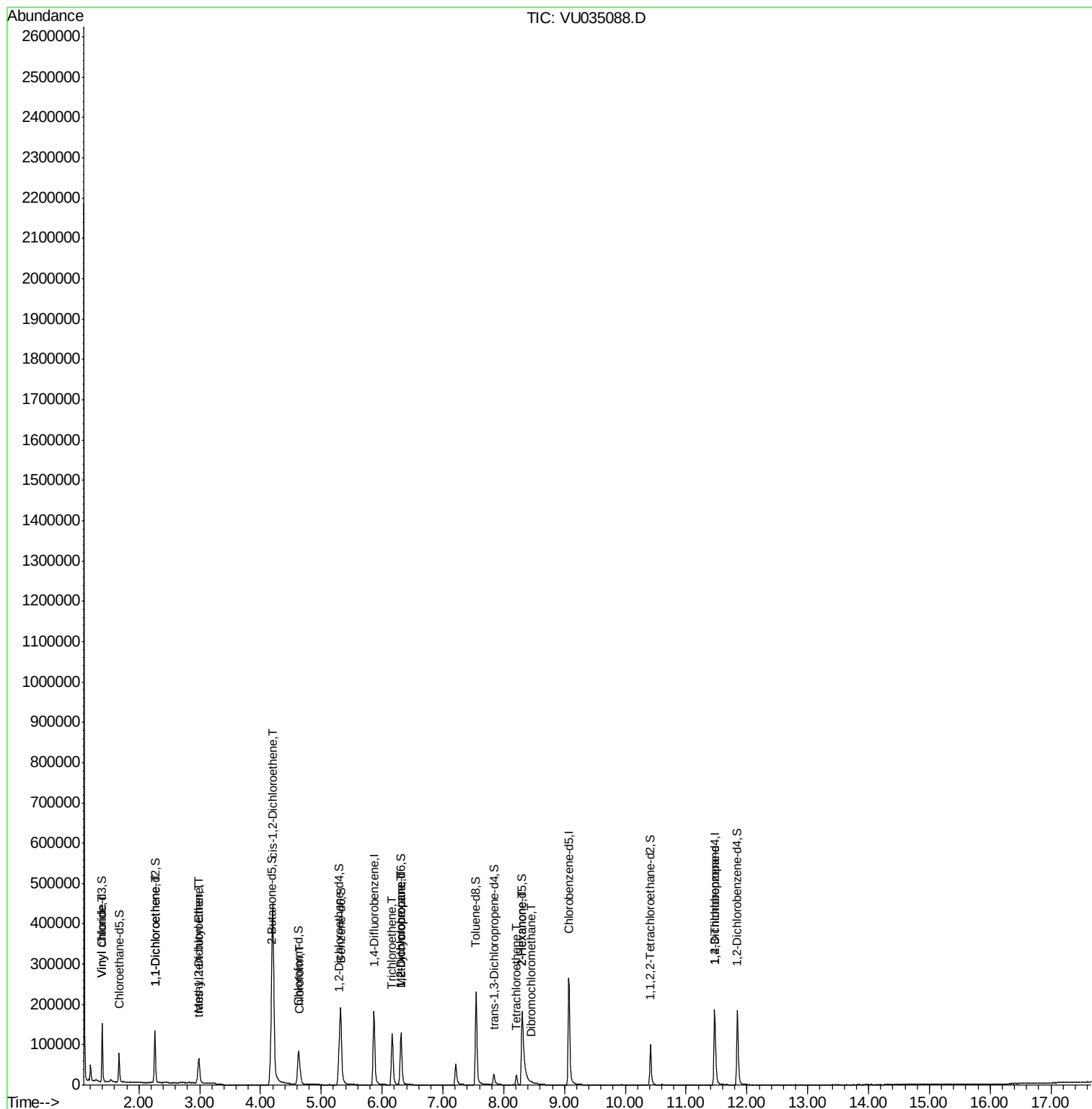
						Qvalue
5) Vinyl chloride	1.40	62	49146	3.185	ug/L	94
12) 1,1-Dichloroethene	2.27	96	1115	0.111	ug/L #	1
17) Methyl tert-butyl Ether	2.98	73	57838	2.106	ug/L	94
18) trans-1,2-Dichloroethene	2.97	96	1996	0.185	ug/L	84
22) cis-1,2-Dichloroethene	4.20	96	249713	20.771	ug/L	89
25) Chloroform	4.65	83	18439	0.766	ug/L	95
34) Trichloroethene	6.17	95	46791	3.647	ug/L	97
35) Methylcyclohexane	6.31	83	14614	0.703	ug/L #	19
37) 1,2-Dichloropropane	6.31	63	7247	0.540	ug/L #	88
47) Tetrachloroethene	8.21	164	5227	0.503	ug/L	96
48) 2-Hexanone	8.30	43	10219	1.765	ug/L #	68
49) Dibromochloromethane	8.46	129	1055	0.102	ug/L	82
59) 1,2,3-Trichloropropane	11.47	75	7718	0.888	ug/L	93

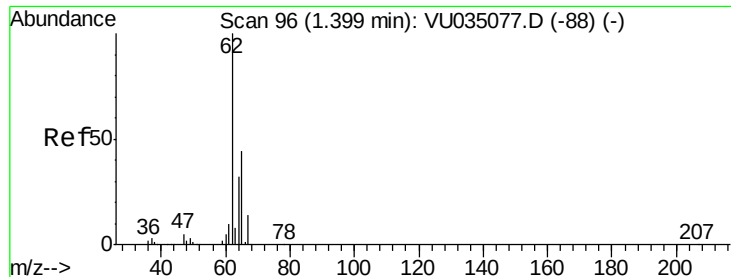
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU035088.D
Acq On : 11 Oct 2019 14:23
Operator : JC/SP
Sample : K5310-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

Quant Time: Oct 12 01:55:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.185 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

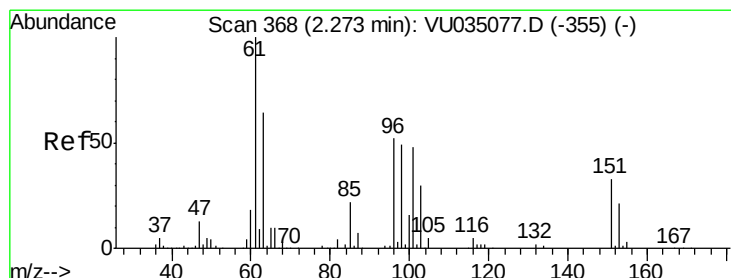
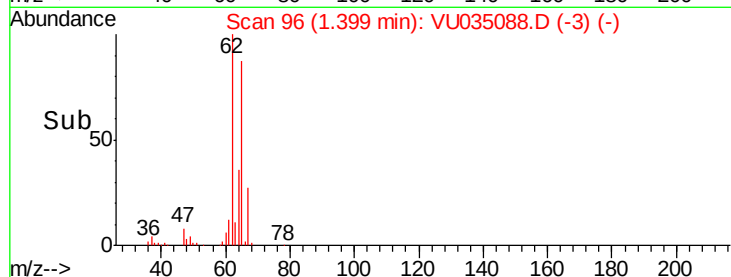
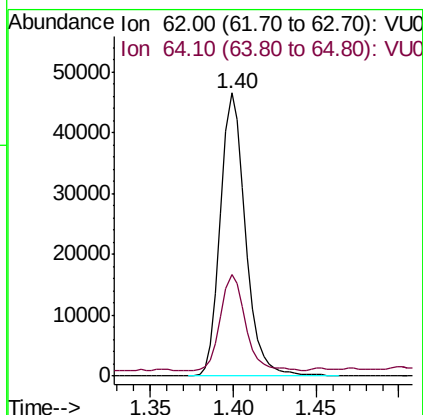
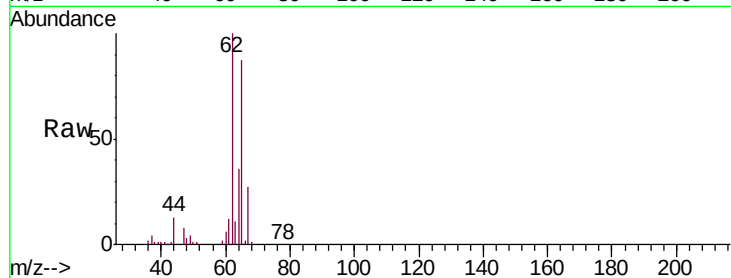
MW-21D-001-01

Tgt Ion: 62 Resp: 49146

Ion Ratio Lower Upper

62 100

64 35.8 22.8 42.4



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

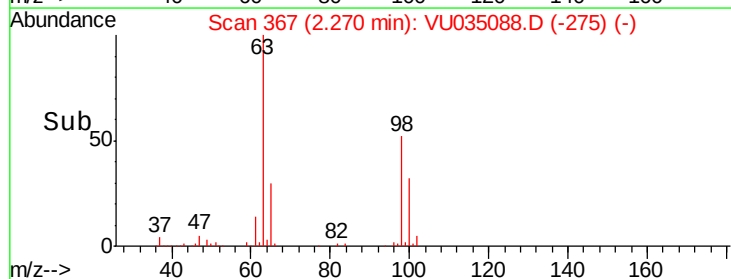
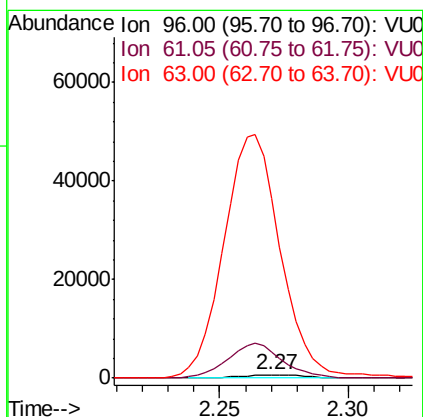
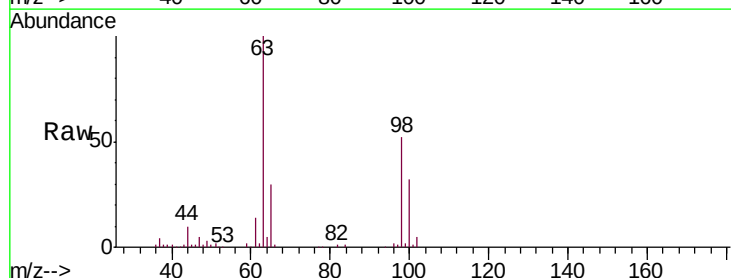
Tgt Ion: 96 Resp: 1115

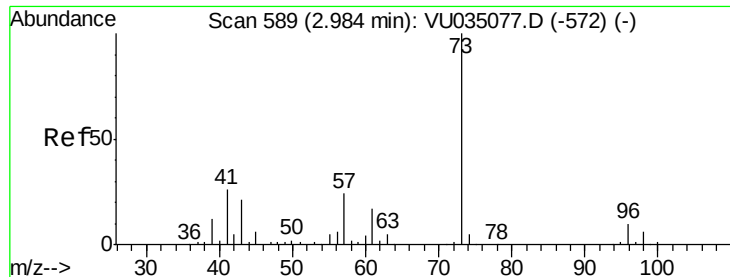
Ion Ratio Lower Upper

96 100

61 766.6 129.3 240.1#

63 5309.3 108.9 202.3#





#17

Methyl tert-butyl Ether

Concen: 2.106 ug/L

RT: 2.98 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

MW-21D-001-01

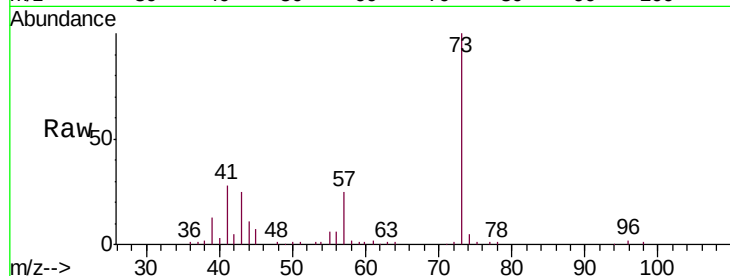
Tgt Ion: 73 Resp: 57838

Ion Ratio Lower Upper

73 100

43 24.4 16.3 24.5

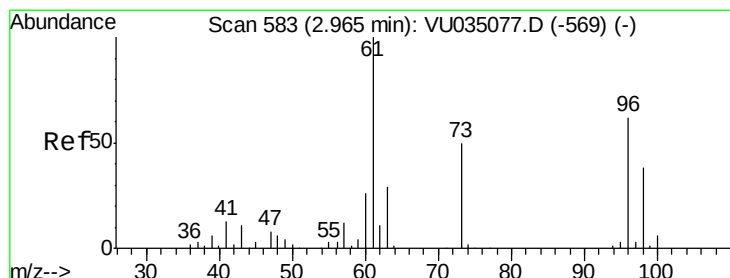
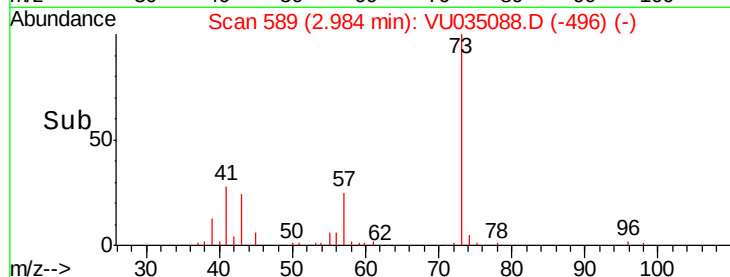
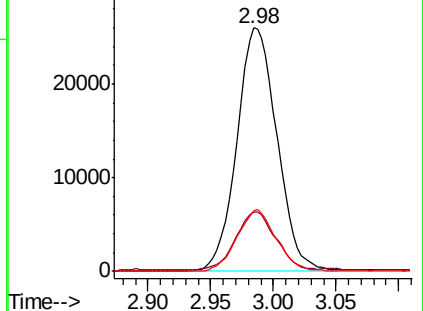
57 24.8 18.6 28.0



Abundance Ion 73.10 (72.80 to 73.80): VU035077.D (-572) (-)

Ion 43.05 (42.75 to 43.75): VU035077.D (-572) (-)

Ion 57.10 (56.80 to 57.80): VU035077.D (-572) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.185 ug/L

RT: 2.97 min Scan# 584

Delta R.T. 0.00 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

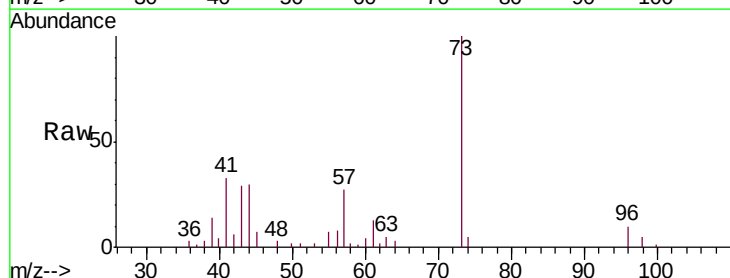
Tgt Ion: 96 Resp: 1996

Ion Ratio Lower Upper

96 100

61 134.0 107.1 198.9

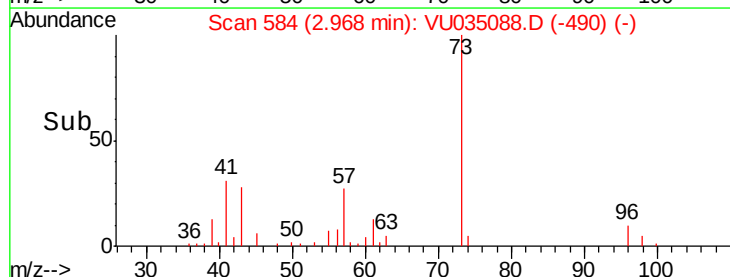
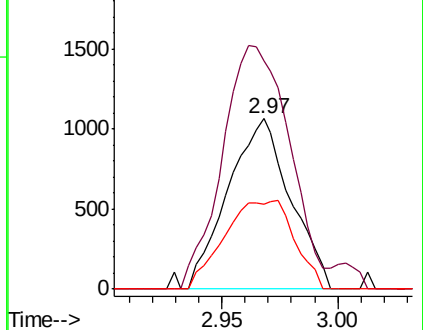
98 50.0 45.4 84.4

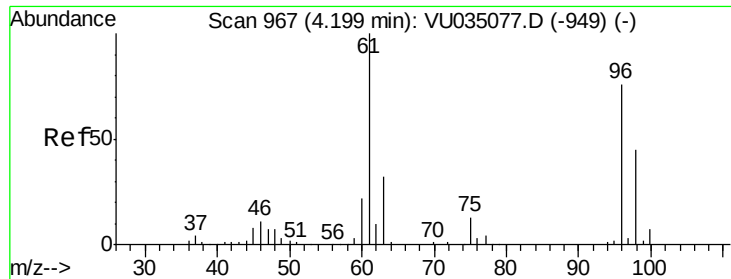


Abundance Ion 96.00 (95.70 to 96.70): VU035077.D (-569) (-)

Ion 61.05 (60.75 to 61.75): VU035077.D (-569) (-)

Ion 97.95 (97.65 to 98.65): VU035077.D (-569) (-)



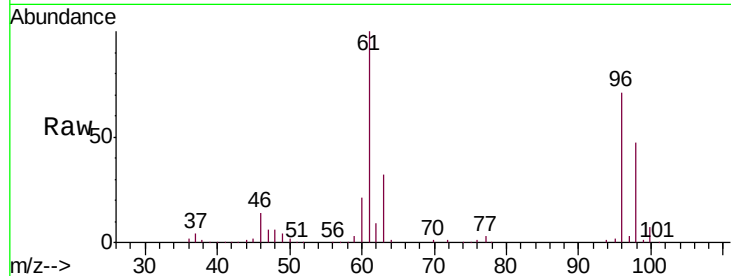


#22

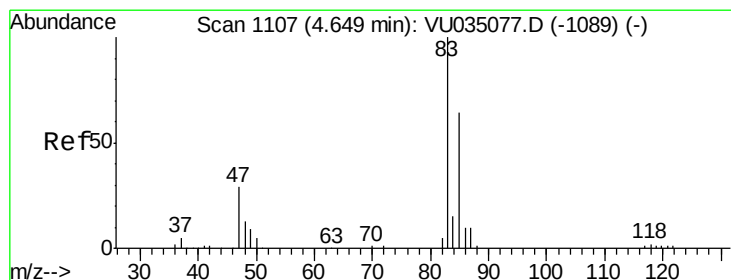
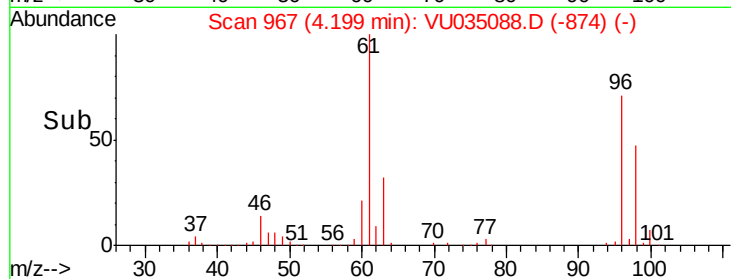
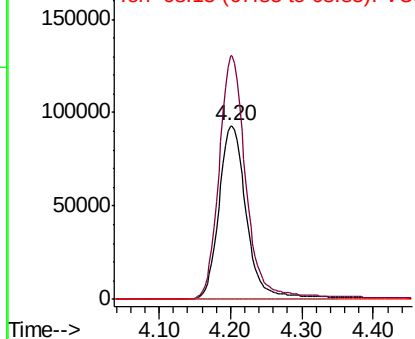
cis-1,2-Dichloroethene
 Concen: 20.771 ug/L
 RT: 4.20 min Scan# 967
 Delta R.T. 0.00 min
 Lab File: VU035088.D
 Acq: 11 Oct 2019 14:23

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-21D-001-01

Tgt Ion: 96 Resp: 249713
 Ion Ratio Lower Upper
 96 100
 61 139.9 89.2 165.6
 68 0.0 0.0 0.0



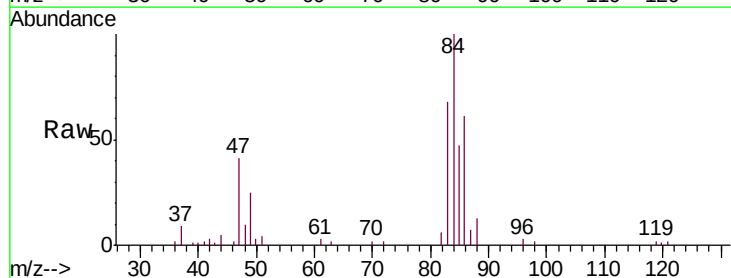
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



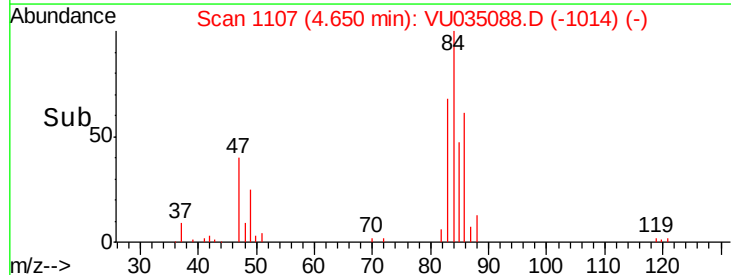
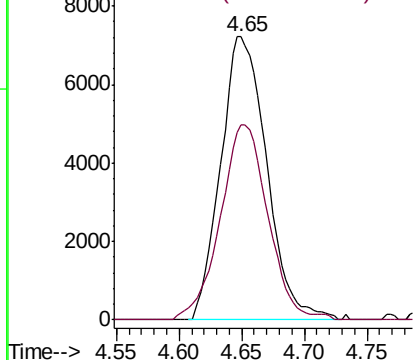
#25

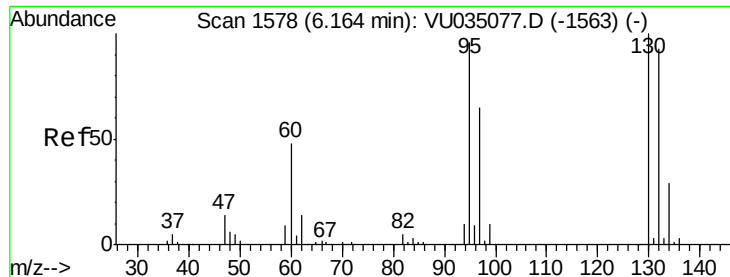
Chloroform
 Concen: 0.766 ug/L
 RT: 4.65 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VU035088.D
 Acq: 11 Oct 2019 14:23

Tgt Ion: 83 Resp: 18439
 Ion Ratio Lower Upper
 83 100
 85 68.8 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VU0
 Ion 85.00 (84.70 to 85.70): VU0





#34

Trichloroethene

Concen: 3.647 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

MW-21D-001-01

Tgt Ion: 95 Resp: 46791

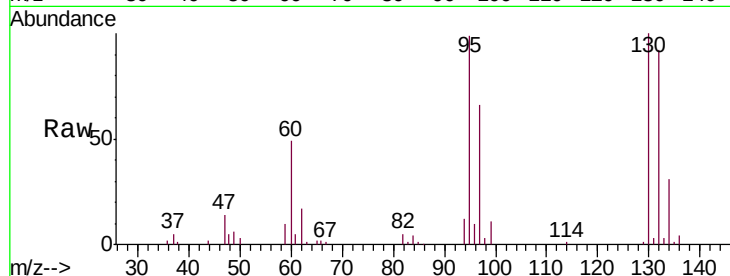
Ion Ratio Lower Upper

95 100

97 66.2 44.5 82.7

132 93.1 66.6 123.8

130 100.8 68.9 127.9

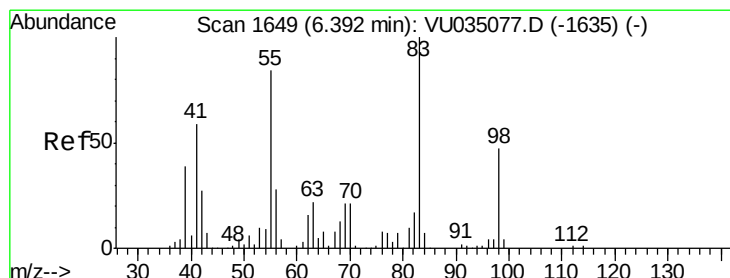
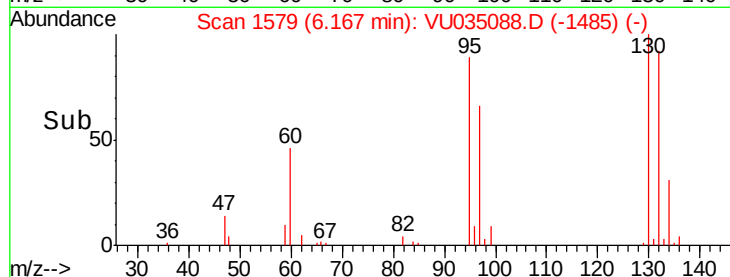
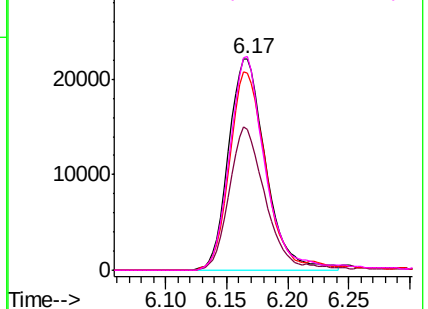


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.703 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

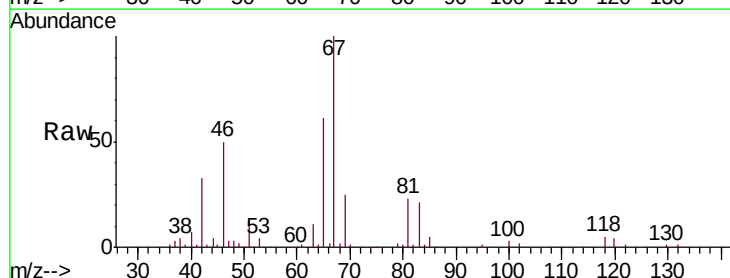
Tgt Ion: 83 Resp: 14614

Ion Ratio Lower Upper

83 100

55 0.6 62.6 94.0#

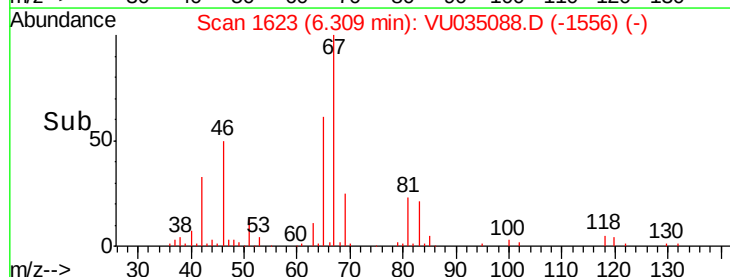
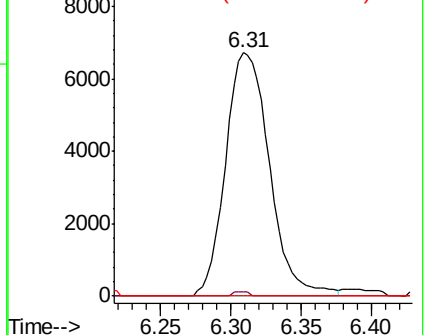
98 0.6 36.2 54.2#

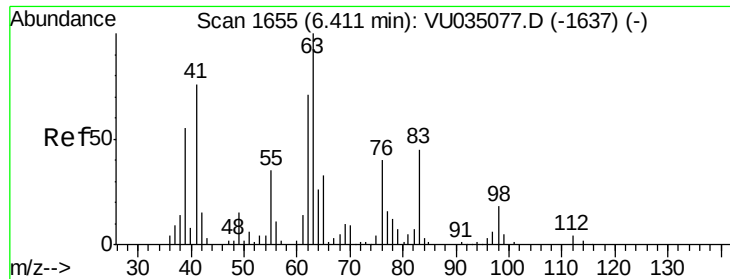


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

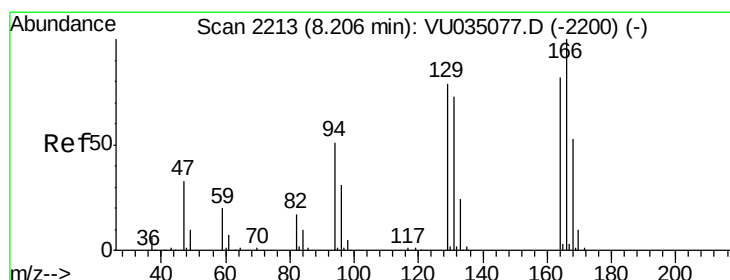
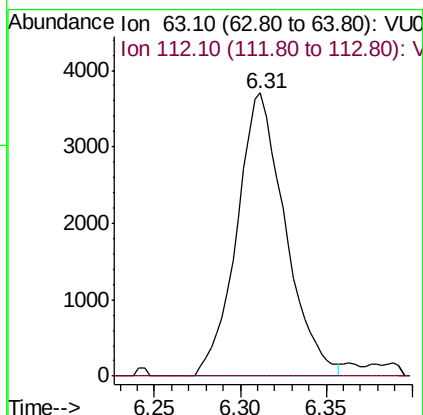
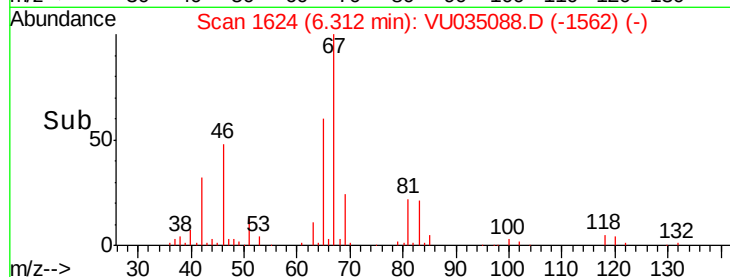
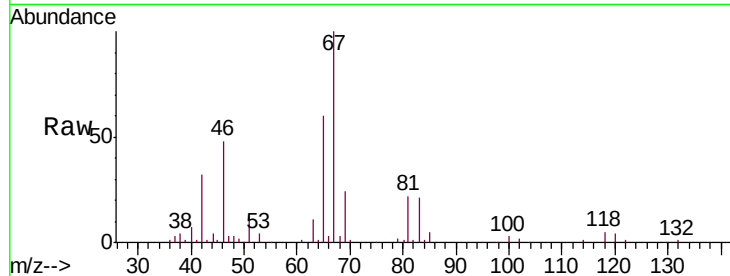




#37
 1,2-Dichloropropane
 Concen: 0.540 ug/L
 RT: 6.31 min Scan# 1624
 Delta R.T. -0.10 min
 Lab File: VU035088.D
 Acq: 11 Oct 2019 14:23

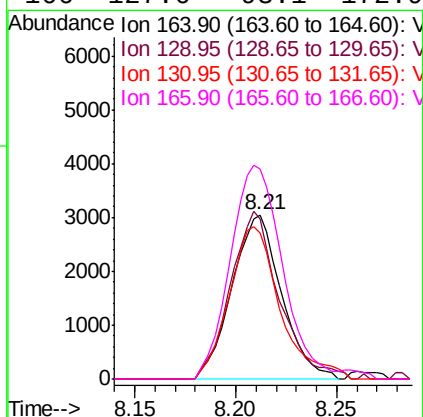
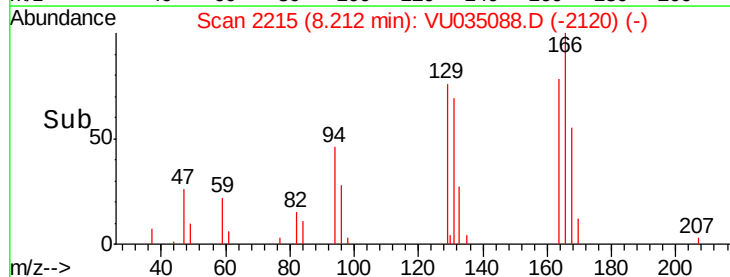
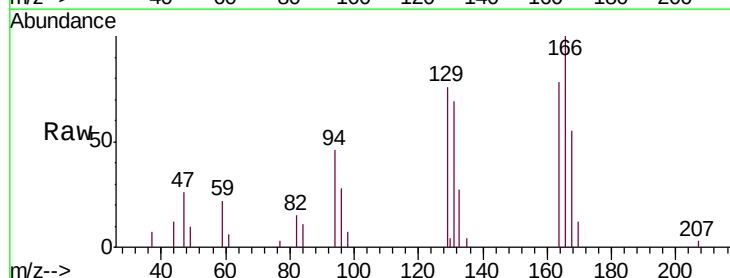
Instrument :
 MSVOA_U
 ClientSampleId :
 MW-21D-001-01

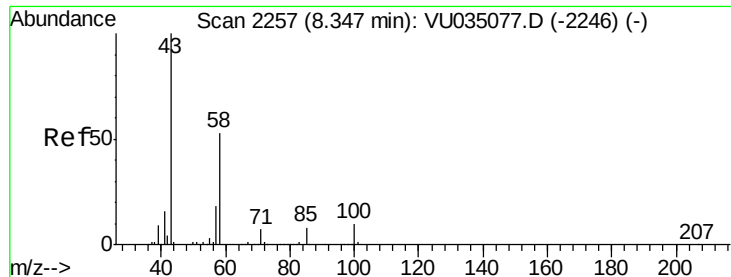
Tgt Ion: 63 Resp: 7247
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#47
 Tetrachloroethene
 Concen: 0.503 ug/L
 RT: 8.21 min Scan# 2215
 Delta R.T. 0.01 min
 Lab File: VU035088.D
 Acq: 11 Oct 2019 14:23

Tgt Ion: 164 Resp: 5227
 Ion Ratio Lower Upper
 164 100
 129 97.2 68.5 127.1
 131 88.5 67.3 124.9
 166 127.6 93.1 172.9

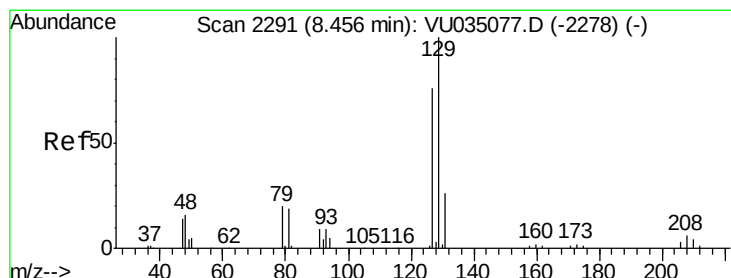
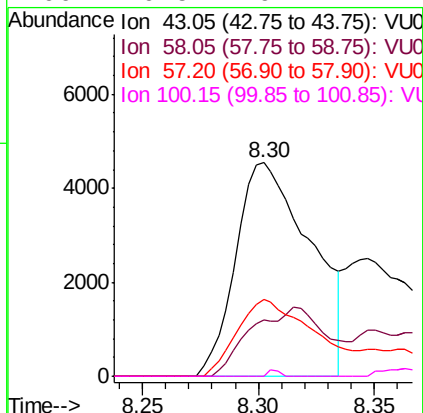
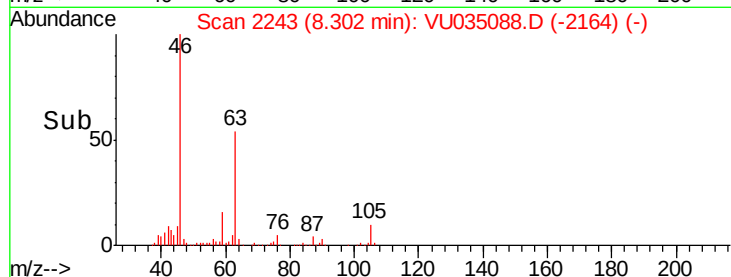
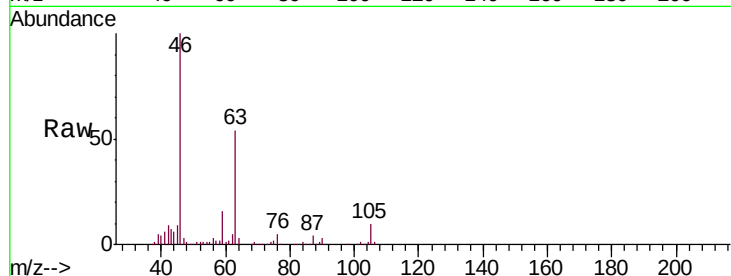




#48
2-Hexanone
Concen: 1.765 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.04 min
Lab File: VU035088.D
Acq: 11 Oct 2019 14:23

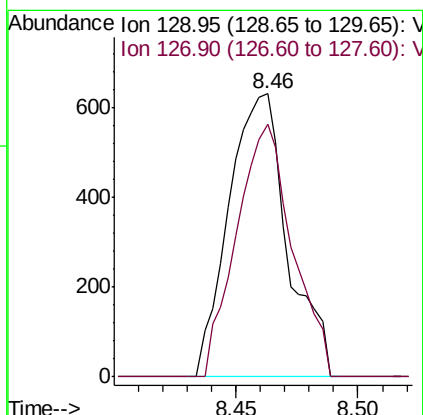
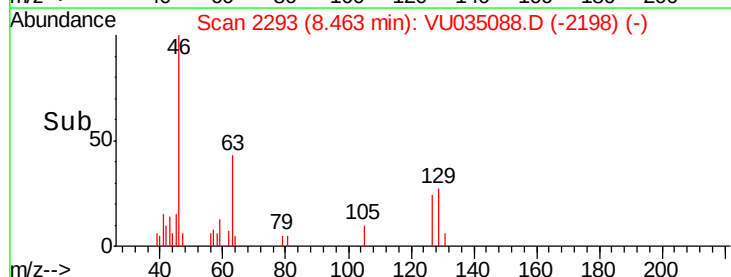
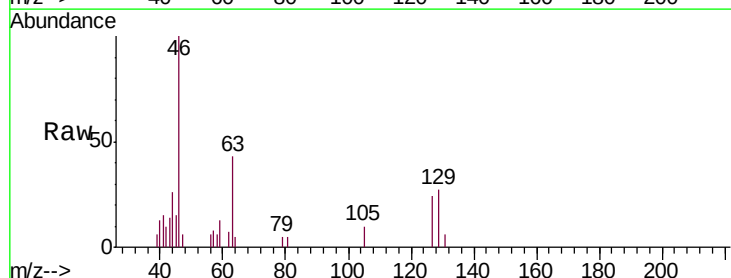
Instrument :
MSVOA_U
ClientSampleId :
MW-21D-001-01

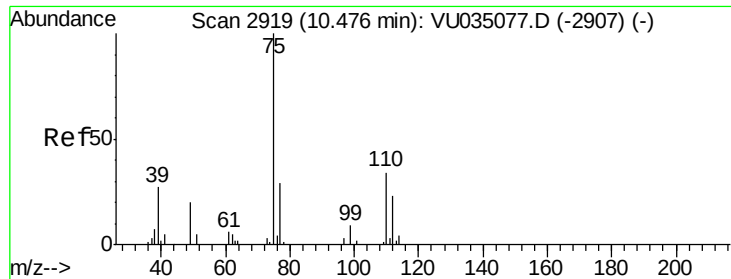
Tgt Ion:	43	Resp:	10219
Ion	Ratio	Lower	Upper
43	100		
58	32.6	44.1	66.1#
57	36.9	15.8	23.8#
100	0.5	9.4	14.2#



#49
Dibromochloromethane
Concen: 0.102 ug/L
RT: 8.46 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VU035088.D
Acq: 11 Oct 2019 14:23

Tgt Ion:	129	Resp:	1055
Ion	Ratio	Lower	Upper
129	100		
127	89.1	51.9	96.5





#59

1,2,3-Trichloropropane

Concen: 0.888 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU035088.D

Acq: 11 Oct 2019 14:23

Instrument :

MSVOA_U

ClientSampleId :

MW-21D-001-01

Tgt Ion: 75 Resp: 7718

Ion Ratio Lower Upper

75 100

77 37.1 26.5 39.7

