

Data File : VU033083.D
Acq On : 28 Jun 2019 20:19
Operator : JC/SP
Sample : K3597-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM63

Quant Time: Jun 29 01:03:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	85751	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88404	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42853	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	18807	3.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.00%
7) Chloroethane-d5	1.68	69	18472	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.27	63	32421	2.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.40%#
20) 2-Butanone-d5	4.19	46	89369	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.64	84	49105	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.30	65	29607	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.33	84	86593	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.00%
36) 1,2-Dichloropropane-d6	6.32	67	30455	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.56	98	73643	3.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.00%
43) trans-1,3-Dichloropropene-	7.85	79	11107	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.31	63	58793	47.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	26871	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	34359	4.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.80%

Target Compounds

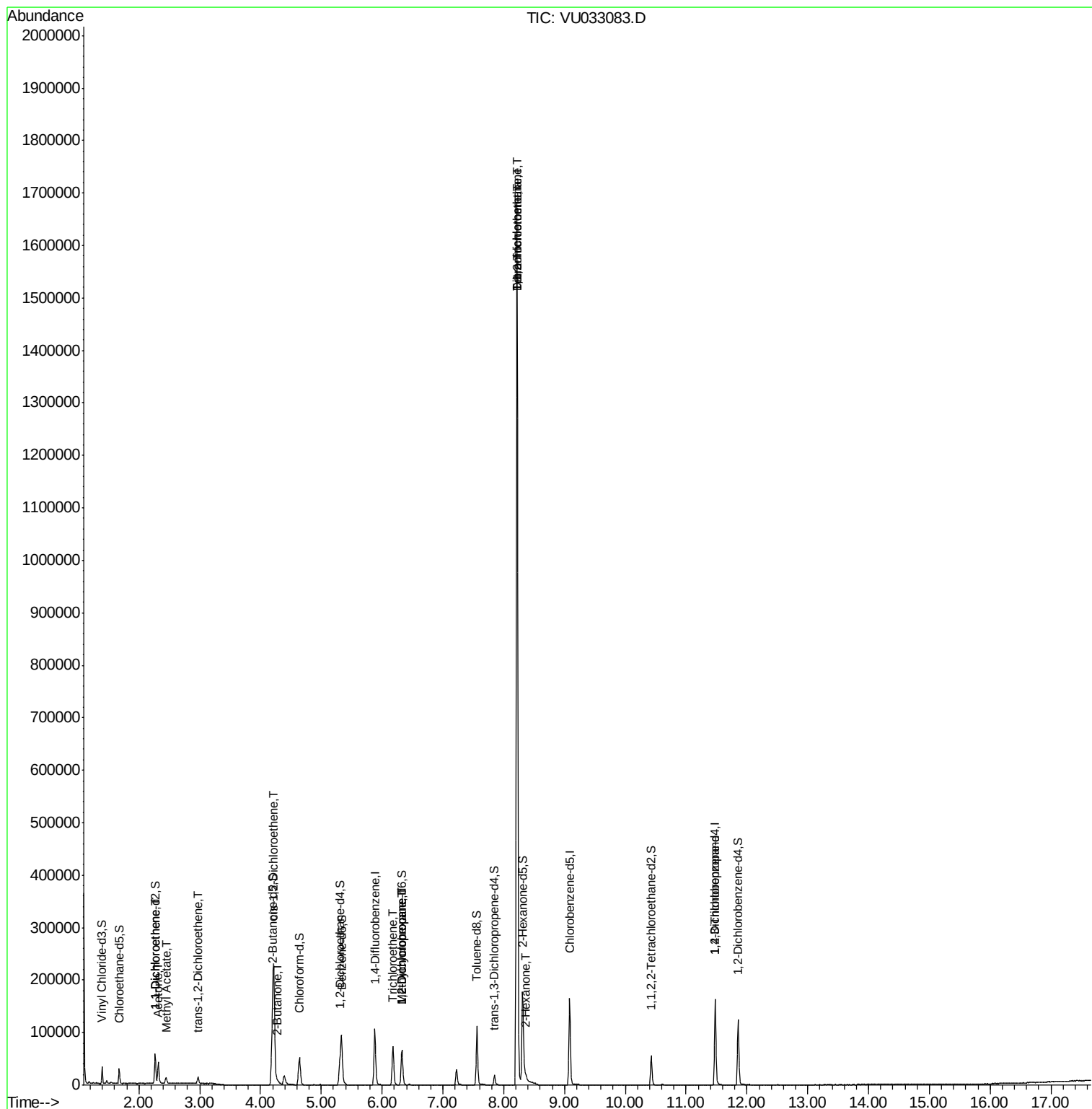
					Qvalue
12) 1,1-Dichloroethene	2.28	96	780	0.137 ug/L #	1
13) Acetone	2.32	43	44351	30.372 ug/L	99
15) Methyl Acetate	2.45	43	3576	1.059 ug/L #	56
18) trans-1,2-Dichloroethene	2.97	96	4225	0.676 ug/L	94
21) 2-Butanone	4.28	43	7746	3.768 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	113932	16.786 ug/L	99
34) Trichloroethene	6.18	95	23910	3.350 ug/L	97
35) Methylcyclohexane	6.32	83	7270	0.684 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	3656	0.523 ug/L #	87
45) 1,1,2-Trichloroethane	8.22	97	3412	0.696 ug/L #	8
47) Tetrachloroethene	8.22	164	351332	61.190 ug/L	99
48) 2-Hexanone	8.36	43	6278	1.821 ug/L #	88
49) Dibromochloromethane	8.22	129	330280	53.113 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5768	1.233 ug/L	90

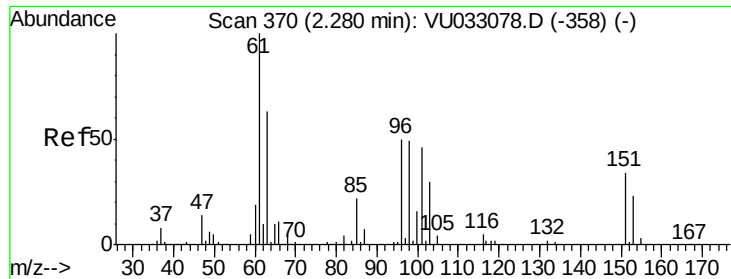
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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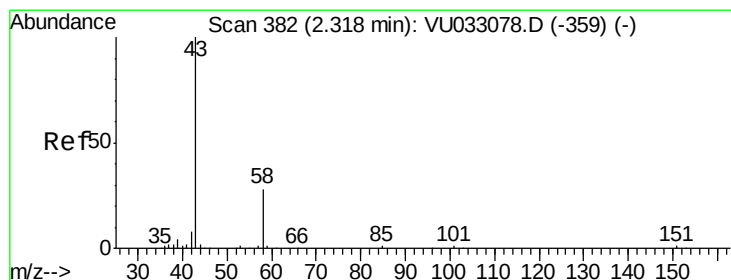
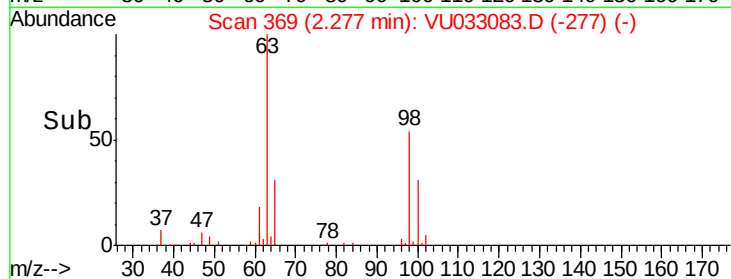
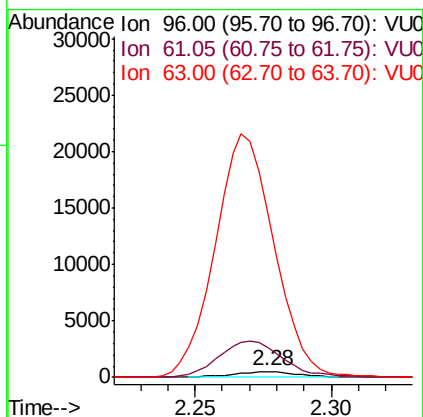
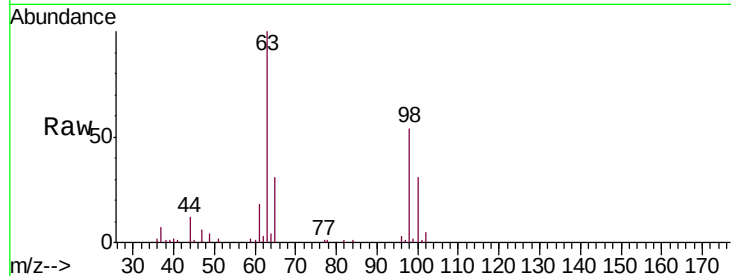




#12
 1,1-Dichloroethene
 Concen: 0.137 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU033083.D
 Acq: 28 Jun 2019 20:19

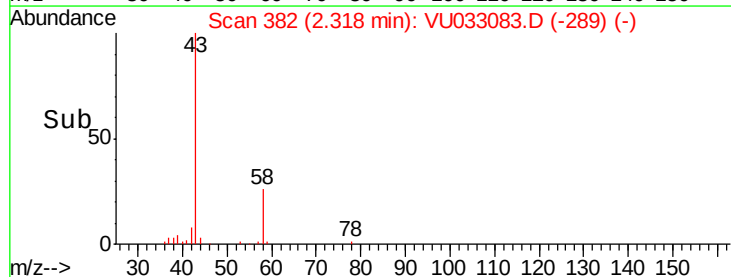
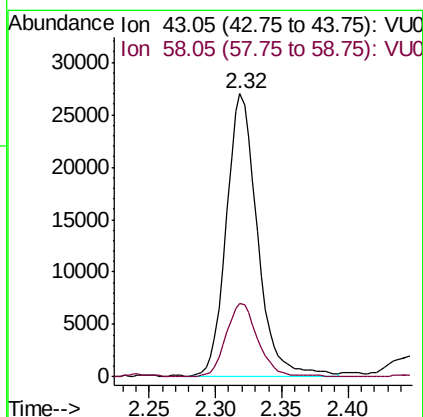
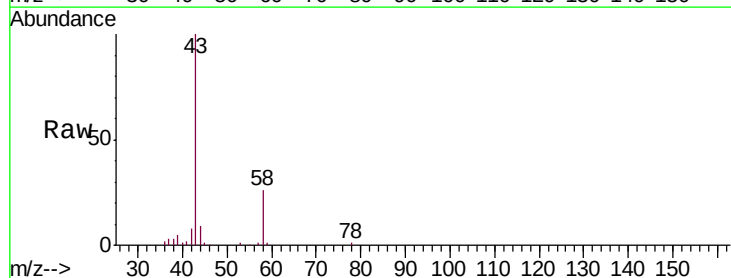
Instrument :
 MSVOA_U
 ClientSampleId :
 GAM63

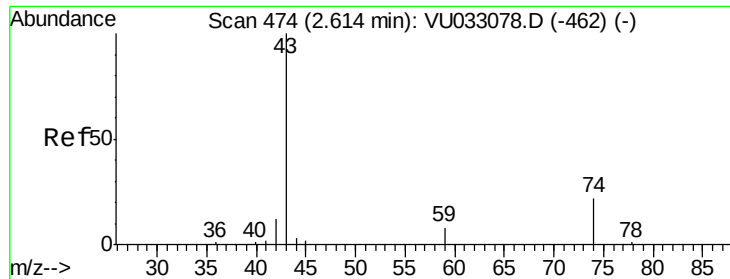
Tgt Ion: 96 Resp: 780
 Ion Ratio Lower Upper
 96 100
 61 542.0 137.6 255.6#
 63 2967.8 94.4 175.2#



#13
 Acetone
 Concen: 30.372 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU033083.D
 Acq: 28 Jun 2019 20:19

Tgt Ion: 43 Resp: 44351
 Ion Ratio Lower Upper
 43 100
 58 26.2 0.0 51.8

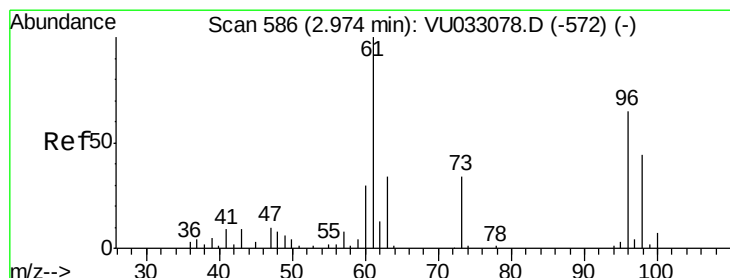
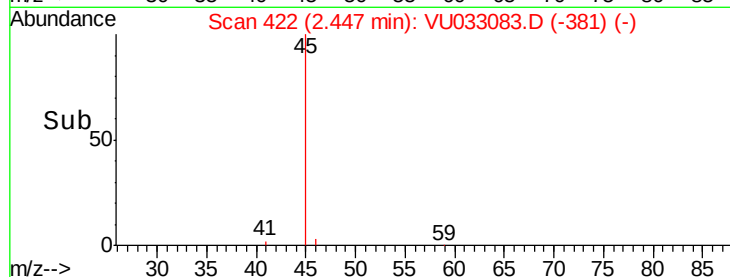
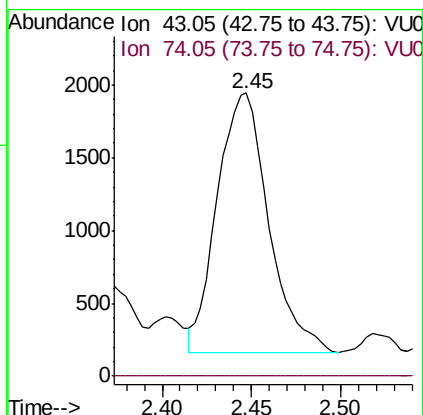
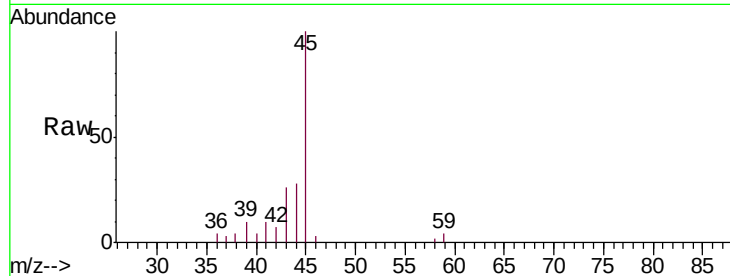




#15
Methyl Acetate
Concen: 1.059 ug/L
RT: 2.45 min Scan# 422
Delta R.T. -0.17 min
Lab File: VU033083.D
Acq: 28 Jun 2019 20:19

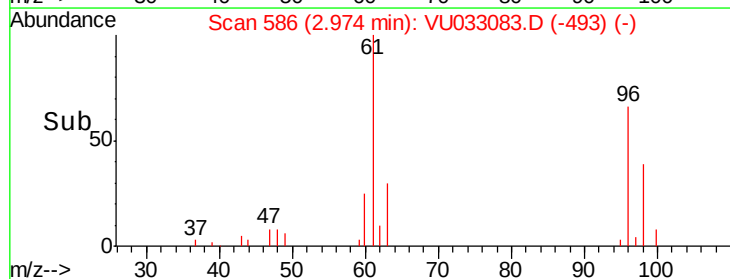
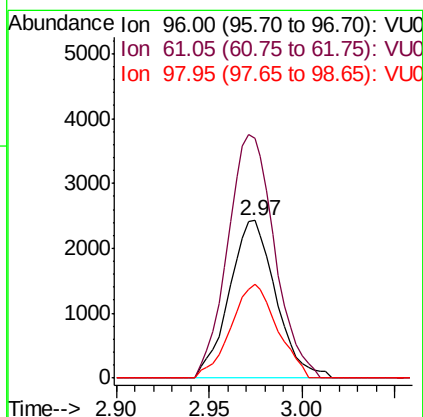
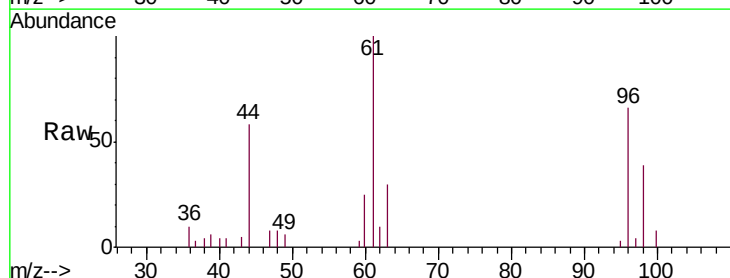
Instrument :
MSVOA_U
ClientSampled :
GAM63

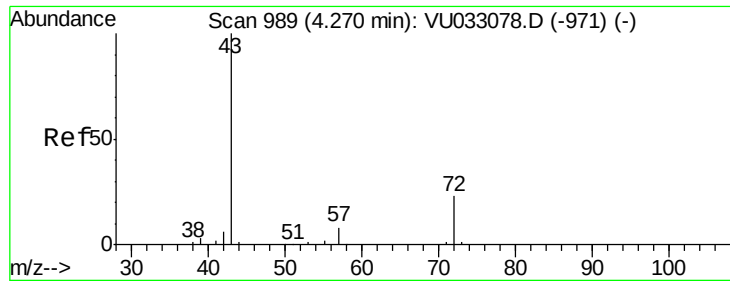
Tgt Ion: 43 Resp: 3576
Ion Ratio Lower Upper
43 100
74 0.0 16.1 24.1#



#18
trans-1,2-Dichloroethene
Concen: 0.676 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU033083.D
Acq: 28 Jun 2019 20:19

Tgt Ion: 96 Resp: 4225
Ion Ratio Lower Upper
96 100
61 152.5 112.2 208.4
98 59.4 45.4 84.4





#21

2-Butanone

Concen: 3.768 ug/L

RT: 4.28 min Scan# 993

Delta R.T. 0.01 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

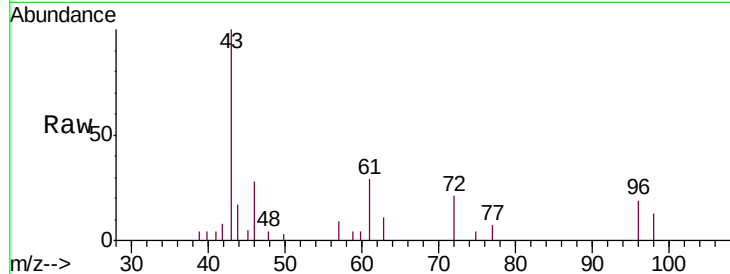
GAM63

Tgt Ion: 43 Resp: 7746

Ion Ratio Lower Upper

43 100

72 24.8 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033078.D (-971) (-)

Ion 72.10 (71.80 to 72.80): VU033078.D (-971) (-)

12000

10000

8000

6000

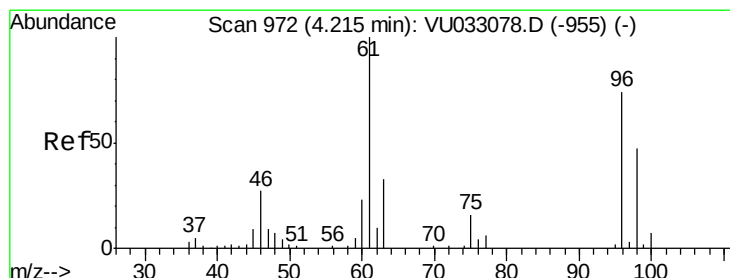
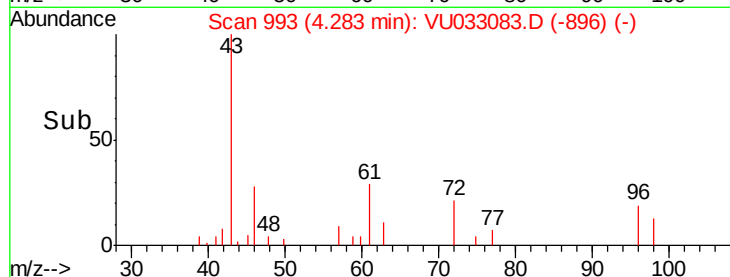
4000

2000

0

4.20 4.25 4.30 4.35

Time-->



#22

cis-1,2-Dichloroethene

Concen: 16.786 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

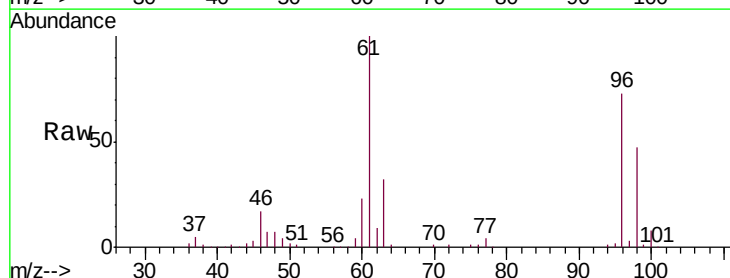
Tgt Ion: 96 Resp: 113932

Ion Ratio Lower Upper

96 100

61 136.9 94.6 175.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU033078.D (-955) (-)

Ion 61.05 (60.75 to 61.75): VU033078.D (-955) (-)

Ion 68.15 (67.85 to 68.85): VU033078.D (-955) (-)

80000

60000

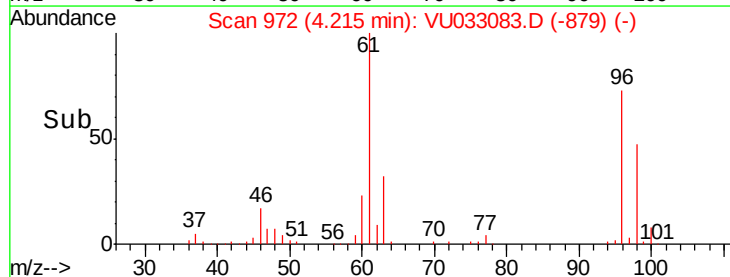
40000

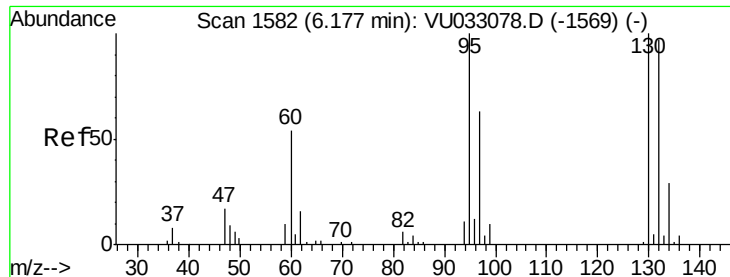
20000

0

4.10 4.20 4.30

Time-->





#34

Trichloroethene

Concen: 3.350 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Instrument :

MSVOA_U

ClientSampleId :

GAM63

Tgt Ion: 95 Resp: 23910

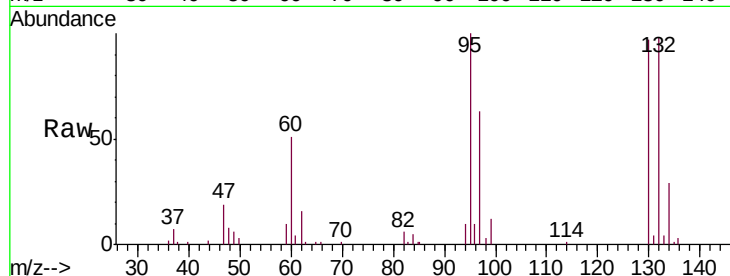
Ion Ratio Lower Upper

95 100

97 63.2 46.0 85.4

132 98.2 68.6 127.4

130 96.8 71.1 132.1

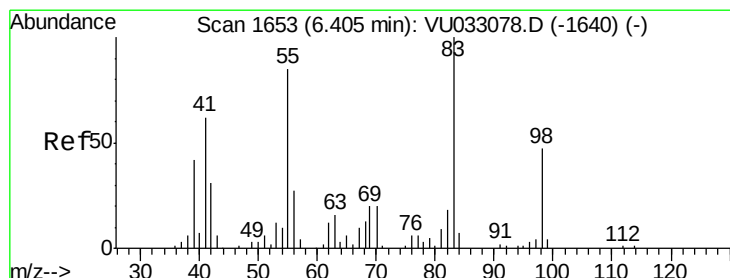
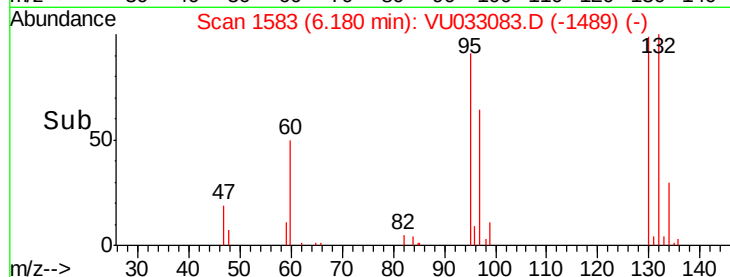
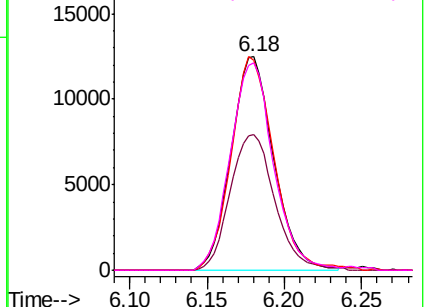


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.684 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

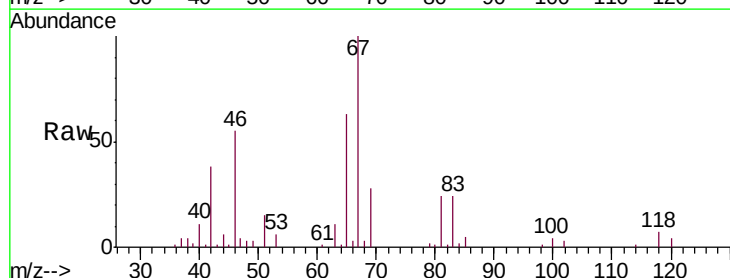
Tgt Ion: 83 Resp: 7270

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

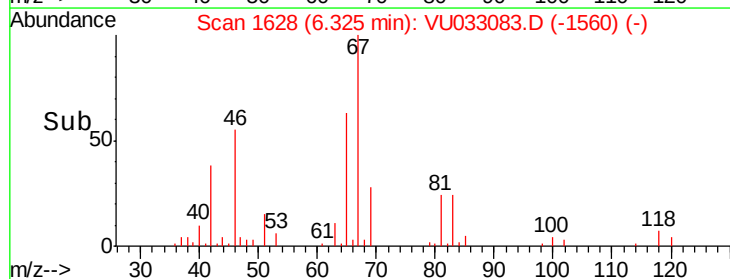
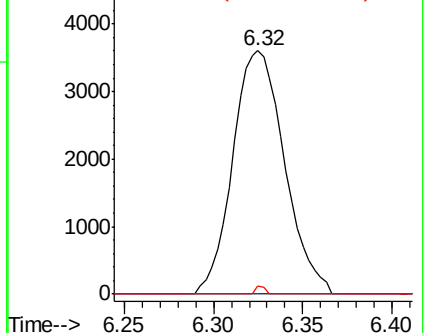
98 0.6 37.7 56.5#

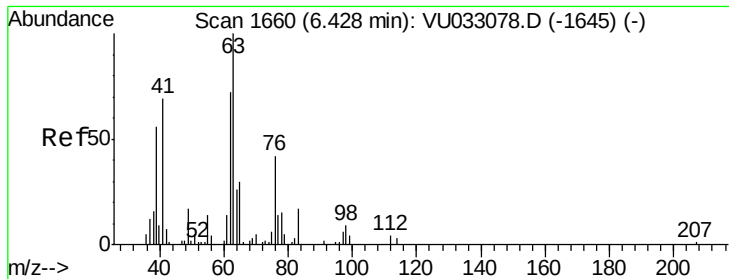


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

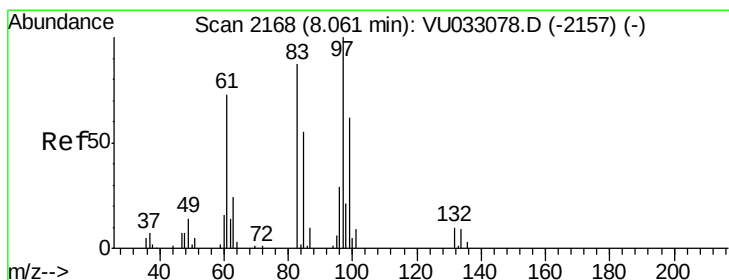
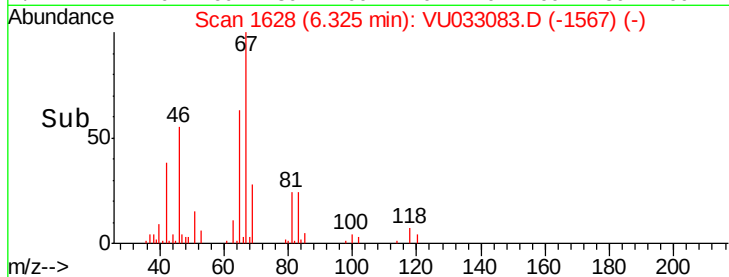
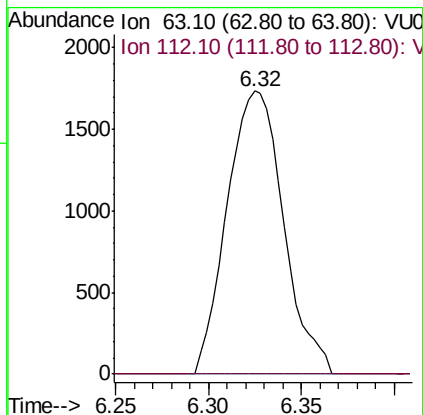
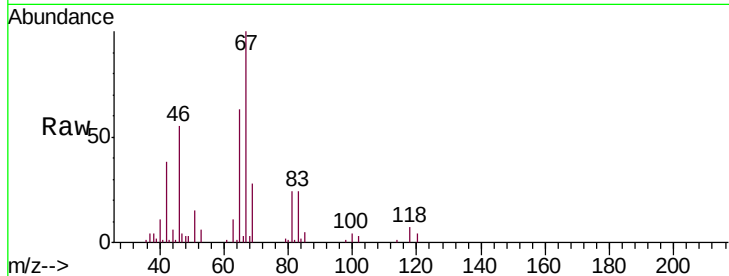




#37
 1,2-Dichloropropane
 Concen: 0.523 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU033083.D
 Acq: 28 Jun 2019 20:19

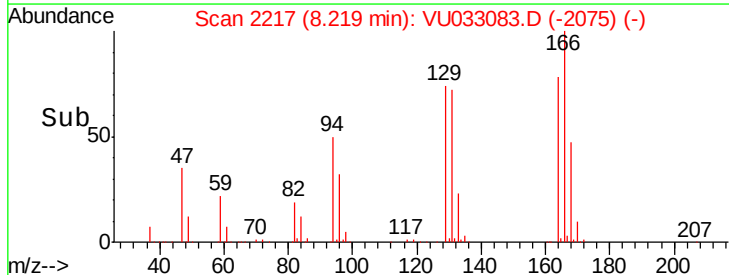
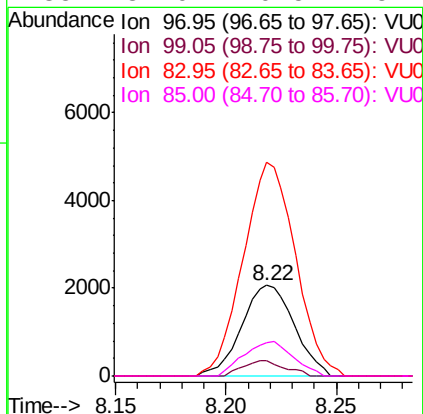
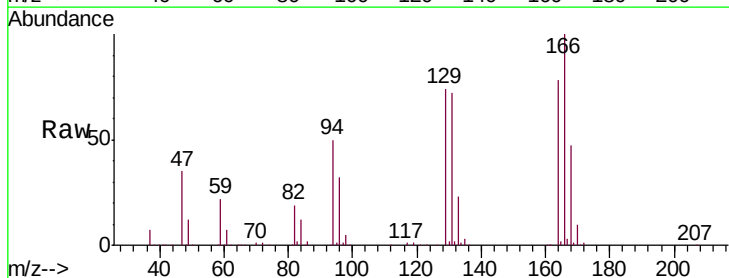
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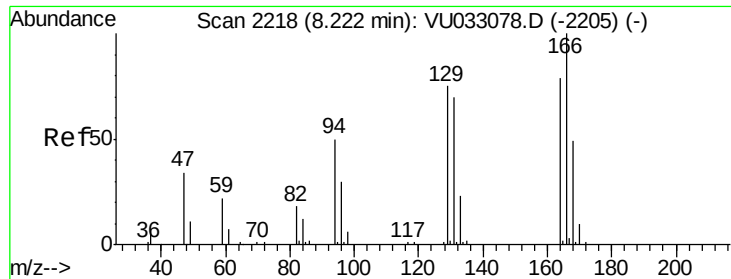
Tgt Ion: 63 Resp: 3656
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#45
 1,1,2-Trichloroethane
 Concen: 0.696 ug/L
 RT: 8.22 min Scan# 2217
 Delta R.T. 0.16 min
 Lab File: VU033083.D
 Acq: 28 Jun 2019 20:19

Tgt Ion: 97 Resp: 3412
 Ion Ratio Lower Upper
 97 100
 99 17.0 44.7 83.1#
 83 236.5 62.6 116.2#
 85 37.0 40.5 75.1#

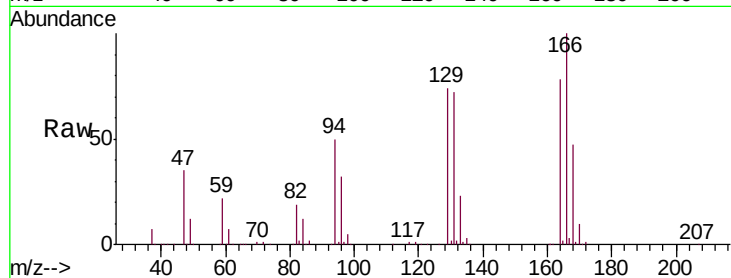




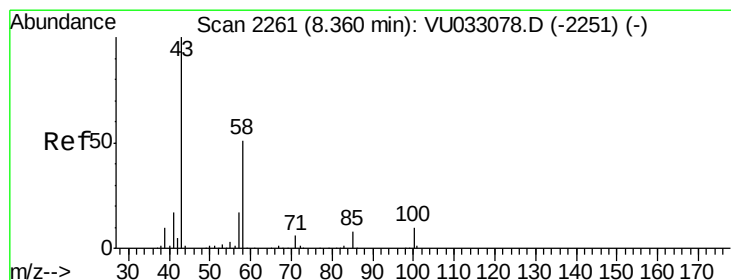
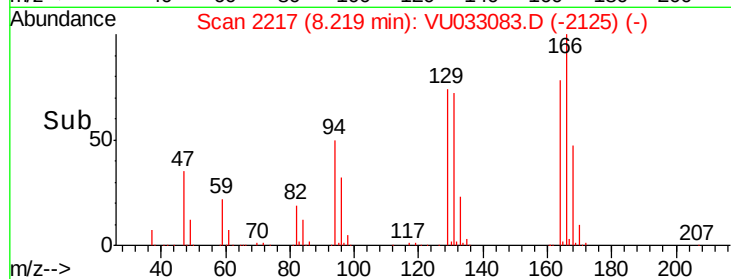
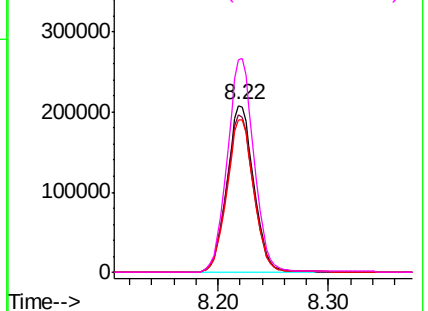
#47
Tetrachloroethene
Concen: 61.190 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033083.D
Acq: 28 Jun 2019 20:19

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:164 Resp: 351332
Ion Ratio Lower Upper
164 100
129 94.4 64.9 120.5
131 91.8 63.5 117.9
166 127.6 89.1 165.5

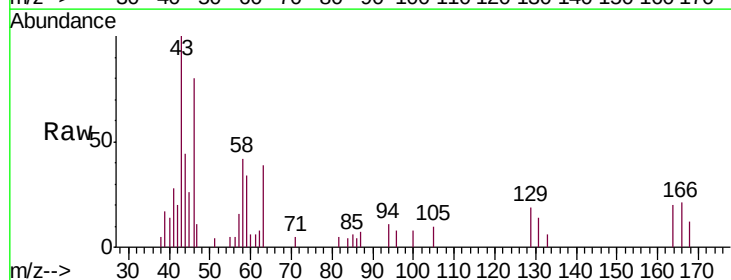


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

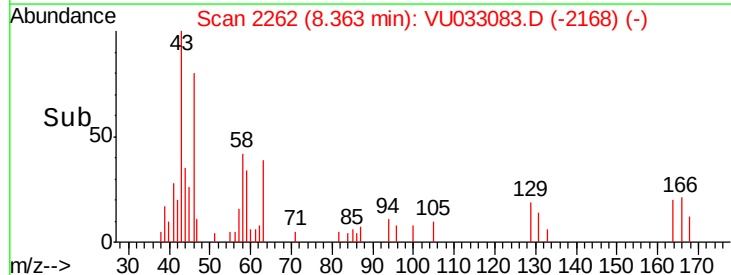
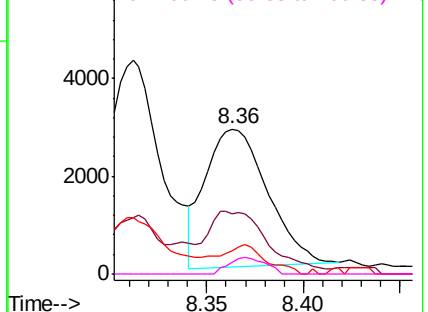


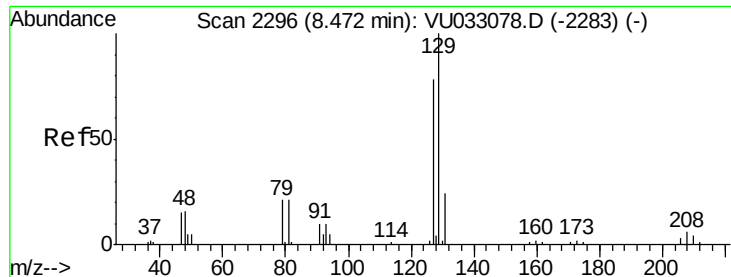
#48
2-Hexanone
Concen: 1.821 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033083.D
Acq: 28 Jun 2019 20:19

Tgt Ion: 43 Resp: 6278
Ion Ratio Lower Upper
43 100
58 39.9 40.0 60.0#
57 13.8 14.0 21.0#
100 7.0 7.9 11.9#



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0





#49

Dibromochloromethane

Concen: 53.113 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.25 min

Lab File: VU033083.D

Acq: 28 Jun 2019 20:19

Instrument :

MSVOA_U

ClientSampled :

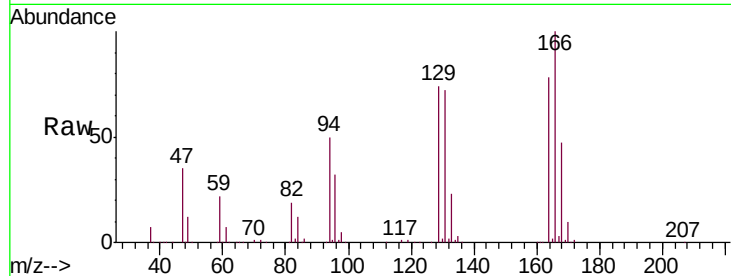
GAM63

Tgt Ion:129 Resp: 330280

Ion Ratio Lower Upper

129 100

127 0.0 54.0 100.4#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

200000

150000

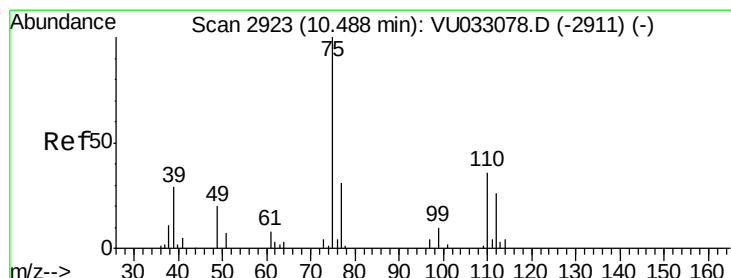
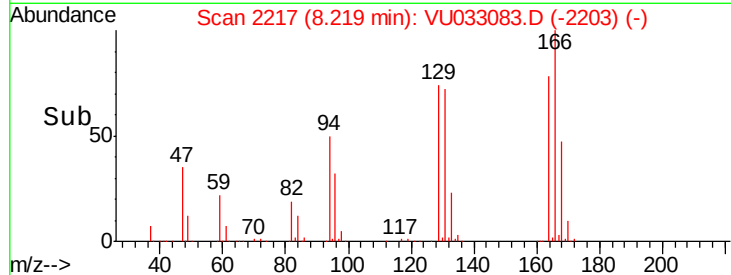
100000

50000

0

8.20 8.30

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.233 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033083.D

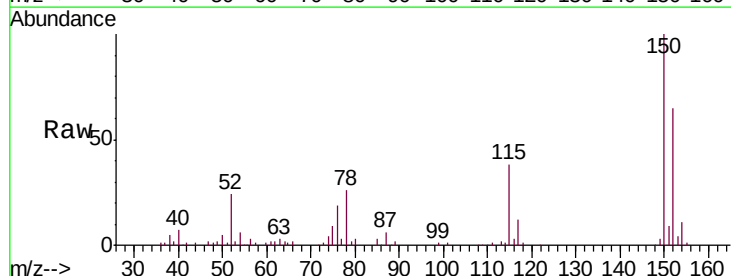
Acq: 28 Jun 2019 20:19

Tgt Ion: 75 Resp: 5768

Ion Ratio Lower Upper

75 100

77 37.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

4000

3000

2000

1000

0

11.45 11.50 11.55

Time-->

