

Data File : VU033077.D
Acq On : 28 Jun 2019 17:30
Operator : JC/SP
Sample : K3598-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM79

Quant Time: Jun 29 00:36:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	87013	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	88757	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	42844	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	37459	6.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	129.40%
7) Chloroethane-d5	1.68	69	29206	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.40%
11) 1,1-Dichloroethene-d2	2.27	63	57807	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.19	46	93019	52.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.80%
24) Chloroform-d	4.64	84	64428	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
26) 1,2-Dichloroethane-d4	5.31	65	36484	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.33	84	122544	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.32	67	38738	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.40%
41) Toluene-d8	7.56	98	107913	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.85	79	15615	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.31	63	62119	50.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31994	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	42969	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

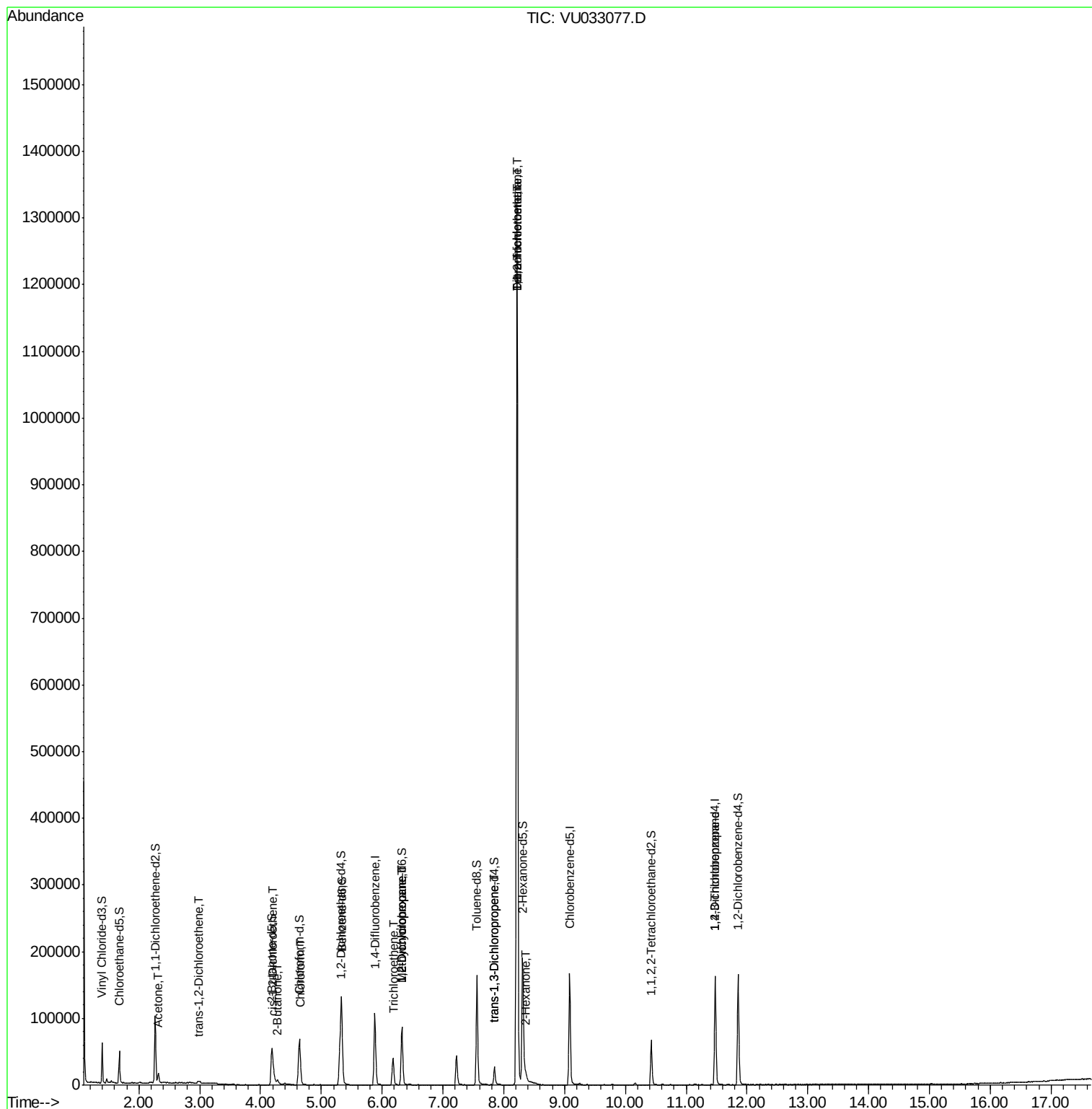
					Qvalue
13) Acetone	2.32	43	15559	10.501 ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	639	0.101 ug/L	83
21) 2-Butanone	4.28	43	8933	4.283 ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	2466	0.358 ug/L	82
25) Chloroform	4.66	83	2234	0.176 ug/L	80
34) Trichloroethene	6.18	95	13397	1.870 ug/L	99
35) Methylcyclohexane	6.32	83	8796	0.824 ug/L #	16
37) 1,2-Dichloropropane	6.32	63	4756	0.678 ug/L #	87
44) trans-1,3-Dichloropropene	7.85	75	778	0.093 ug/L #	80
45) 1,1,2-Trichloroethane	8.22	97	2465	0.501 ug/L #	1
47) Tetrachloroethene	8.22	164	278160	48.253 ug/L	98
48) 2-Hexanone	8.36	43	6384	1.845 ug/L #	81
49) Dibromochloromethane	8.22	129	262497	42.045 ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	5354	1.140 ug/L #	80

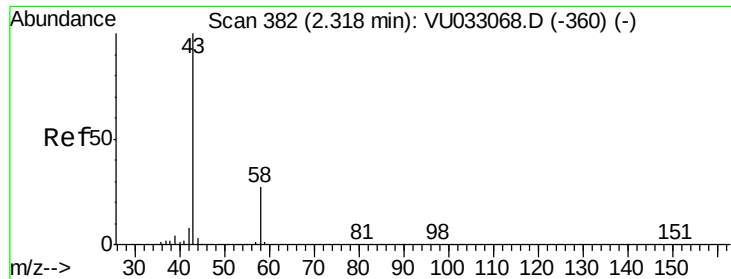
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033077.D
Acq On : 28 Jun 2019 17:30
Operator : JC/SP
Sample : K3598-01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM79

Quant Time: Jun 29 00:36:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 29 00:32:07 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.501 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

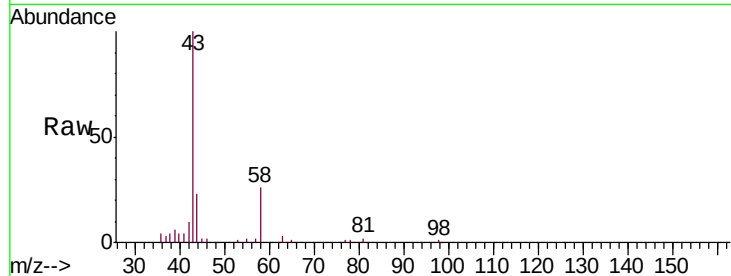
GAM79

Tgt Ion: 43 Resp: 15559

Ion Ratio Lower Upper

43 100

58 24.8 0.0 51.8



Abundance Ion 43.05 (42.75 to 43.75): VU033068.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU033068.D (-360) (-)

2.32

10000

8000

6000

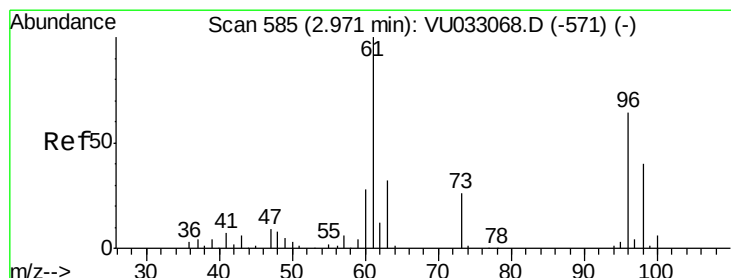
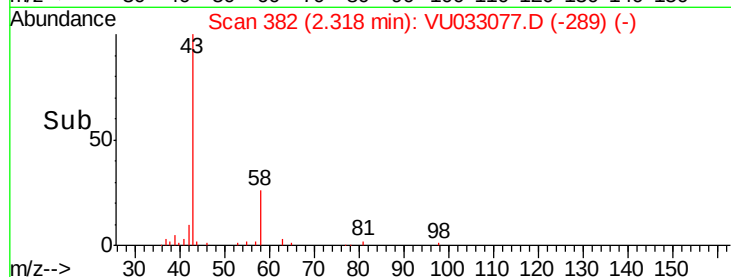
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#18

trans-1,2-Dichloroethene

Concen: 0.101 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

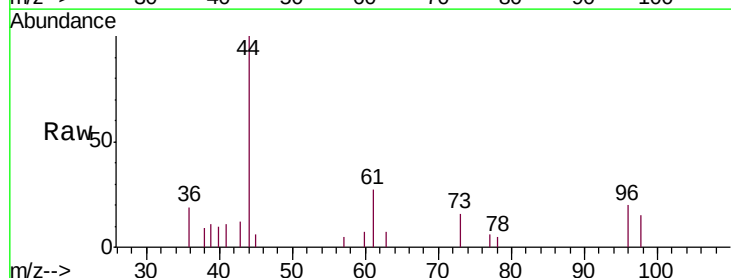
Tgt Ion: 96 Resp: 639

Ion Ratio Lower Upper

96 100

61 133.7 112.2 208.4

98 72.5 45.4 84.4



Abundance Ion 96.00 (95.70 to 96.70): VU033068.D (-571) (-)

Ion 61.05 (60.75 to 61.75): VU033068.D (-571) (-)

Ion 97.95 (97.65 to 98.65): VU033068.D (-571) (-)

800

600

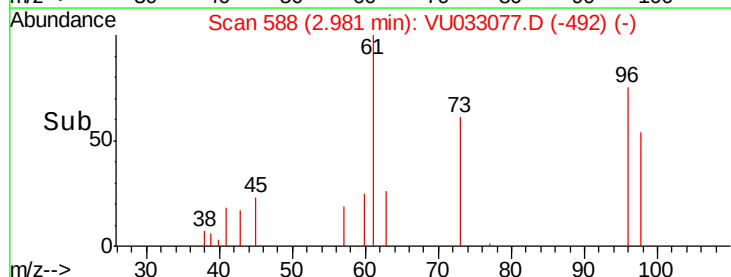
400

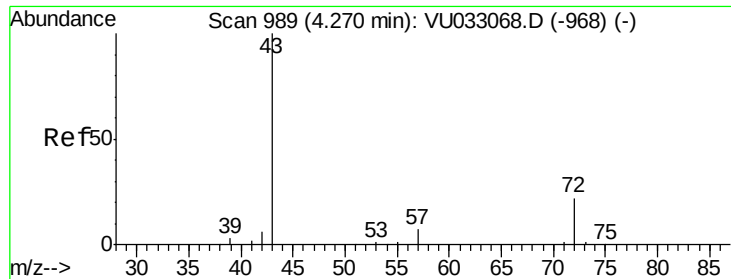
200

0

Time-->

2.94 2.96 2.98 3.00





#21

2-Butanone

Concen: 4.283 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

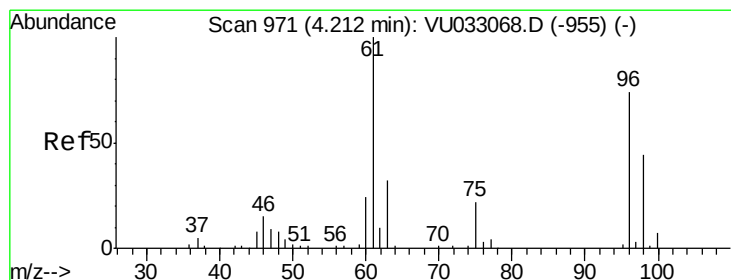
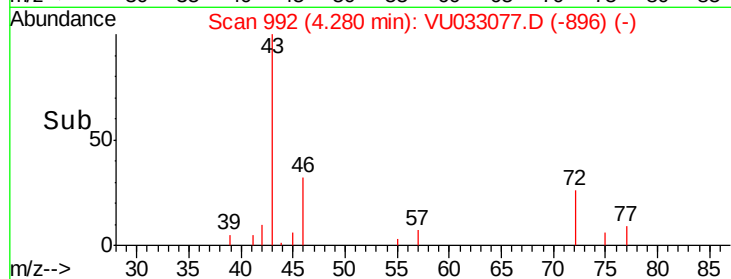
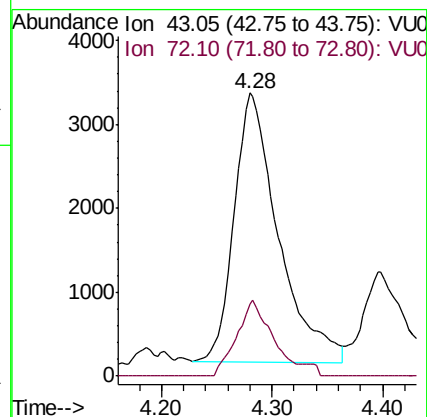
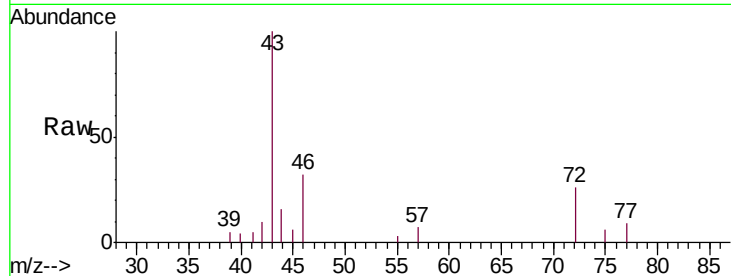
GAM79

Tgt Ion: 43 Resp: 8933

Ion Ratio Lower Upper

43 100

72 24.2 11.5 34.5



#22

cis-1,2-Dichloroethene

Concen: 0.358 ug/L

RT: 4.22 min Scan# 972

Delta R.T. 0.00 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

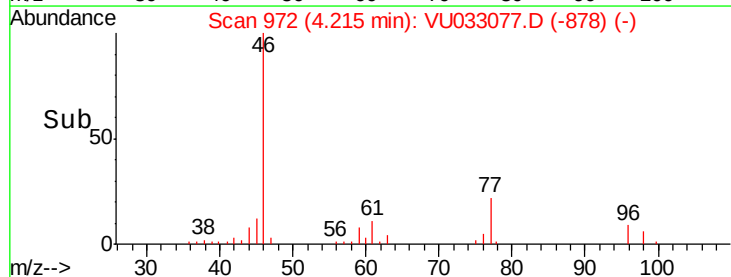
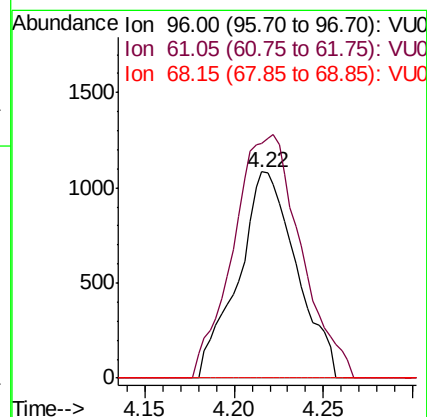
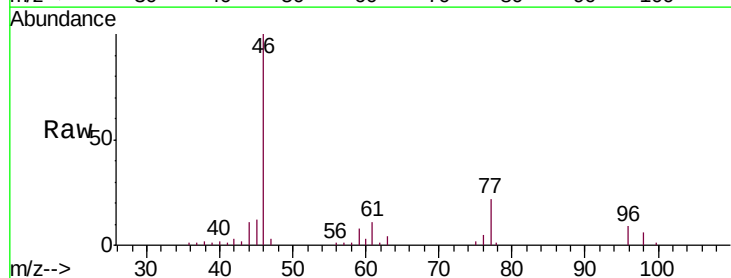
Tgt Ion: 96 Resp: 2466

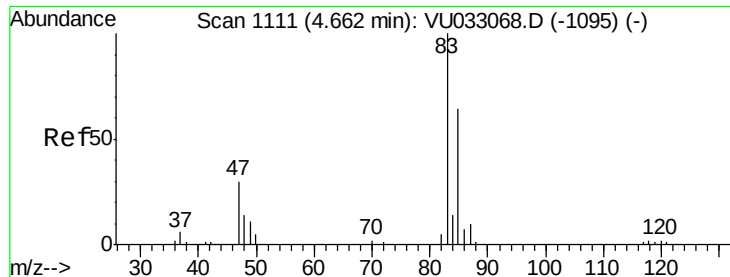
Ion Ratio Lower Upper

96 100

61 113.8 94.6 175.8

68 0.0 0.0 0.0

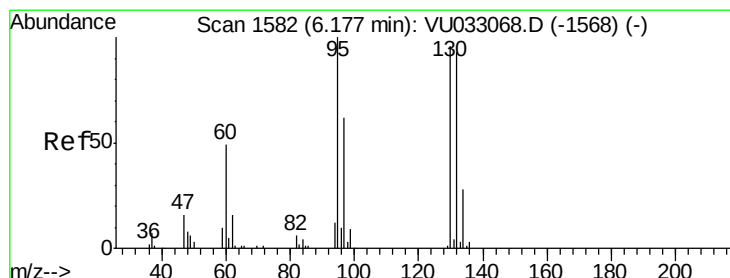
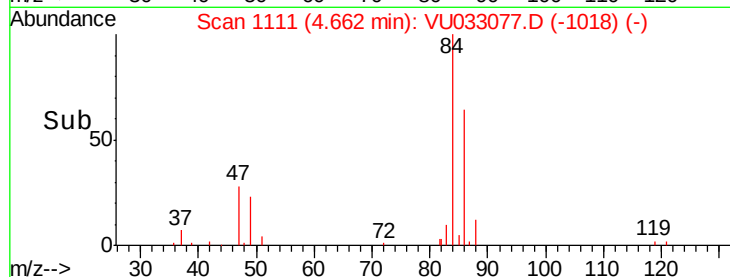
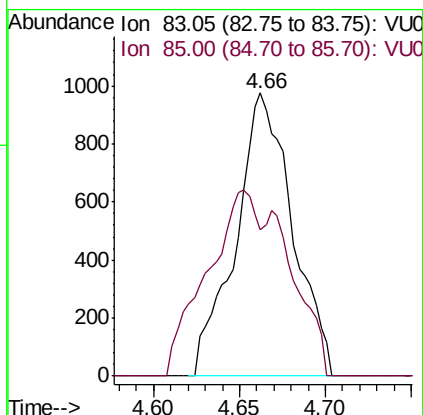
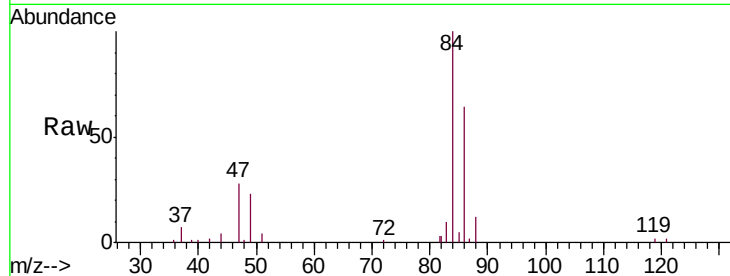




#25
Chloroform
Concen: 0.176 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VU033077.D
Acq: 28 Jun 2019 17:30

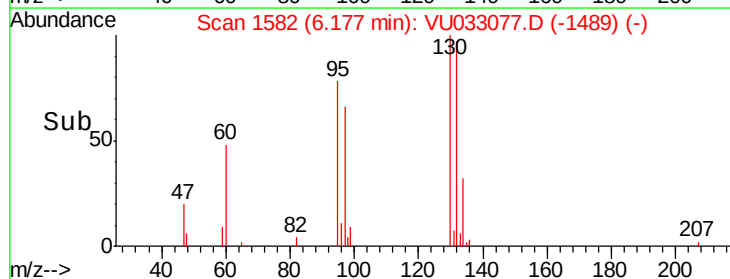
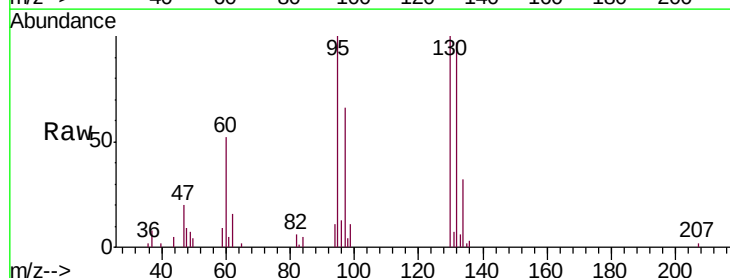
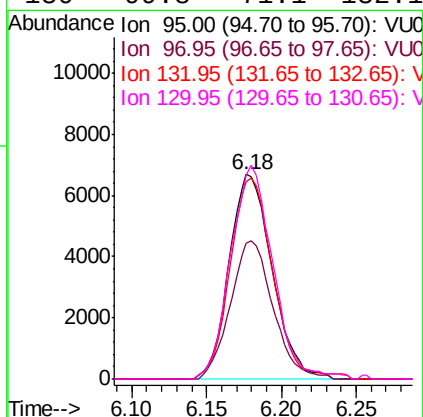
Instrument :
MSVOA_U
ClientSampled :
GAM79

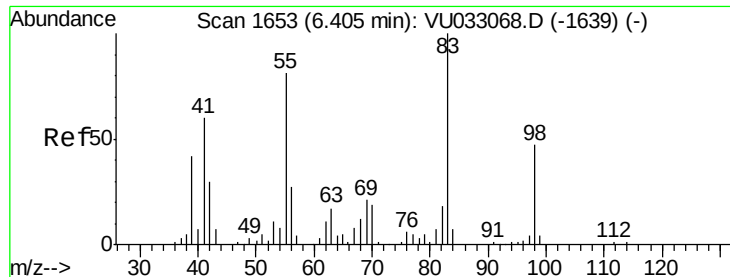
Tgt Ion: 83 Resp: 2234
Ion Ratio Lower Upper
83 100
85 51.7 47.3 87.8



#34
Trichloroethene
Concen: 1.870 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VU033077.D
Acq: 28 Jun 2019 17:30

Tgt Ion: 95 Resp: 13397
Ion Ratio Lower Upper
95 100
97 66.3 46.0 85.4
132 96.6 68.6 127.4
130 99.8 71.1 132.1





#35

Methylcyclohexane

Concen: 0.824 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

GAM79

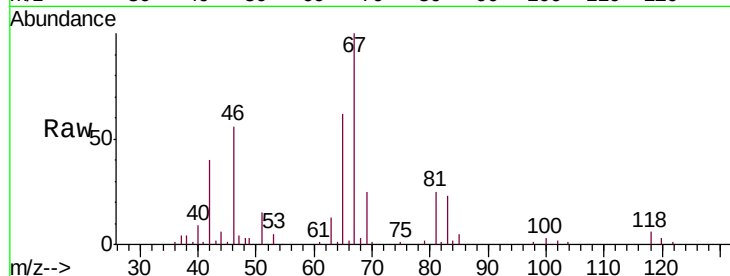
Tgt Ion: 83 Resp: 8796

Ion Ratio Lower Upper

83 100

55 0.0 67.0 100.4#

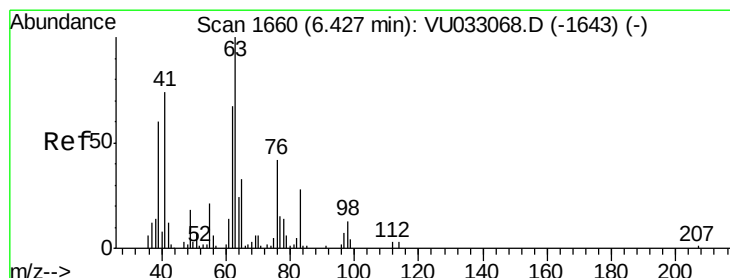
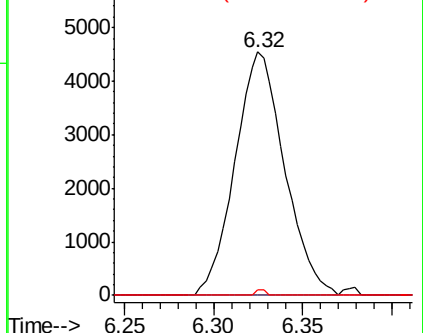
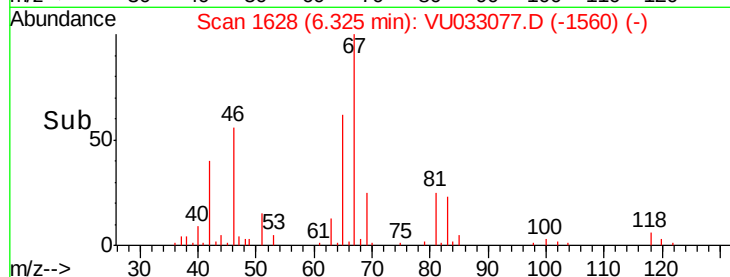
98 0.5 37.7 56.5#



Abundance Ion 83.15 (82.85 to 83.85): VU033077.D (-1560) (-)

Ion 55.10 (54.80 to 55.80): VU033077.D (-1560) (-)

Ion 98.15 (97.85 to 98.85): VU033077.D (-1560) (-)



#37

1,2-Dichloropropane

Concen: 0.678 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033077.D

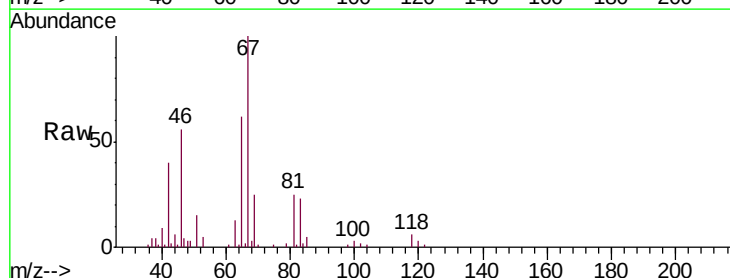
Acq: 28 Jun 2019 17:30

Tgt Ion: 63 Resp: 4756

Ion Ratio Lower Upper

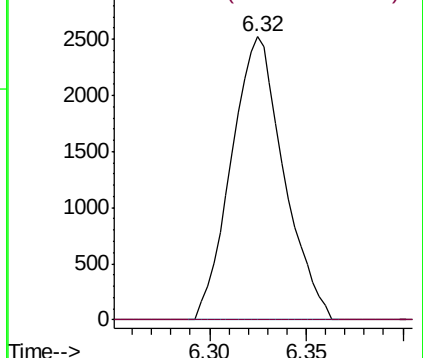
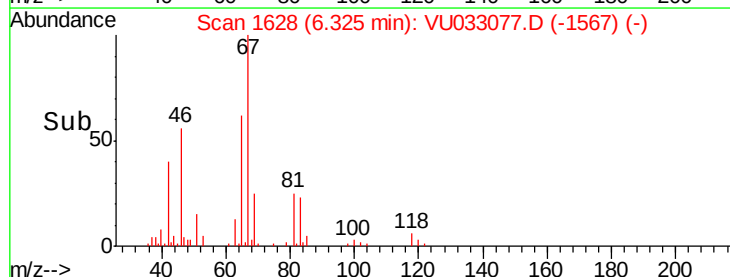
63 100

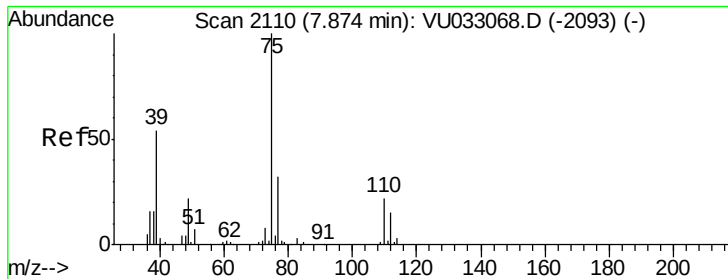
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VU033077.D (-1567) (-)

Ion 112.10 (111.80 to 112.80): VU033077.D (-1567) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

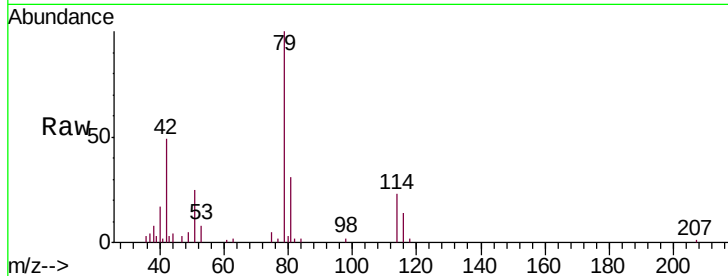
GAM79

Tgt Ion: 75 Resp: 778

Ion Ratio Lower Upper

75 100

77 42.1 21.6 40.2#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

7.85

400

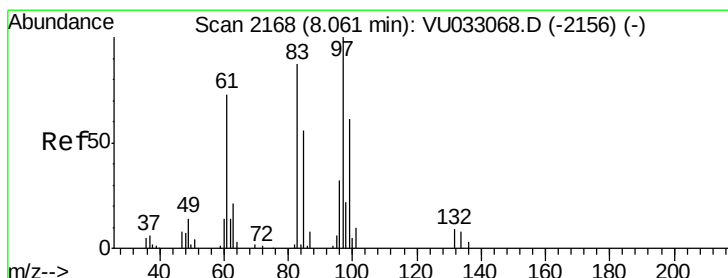
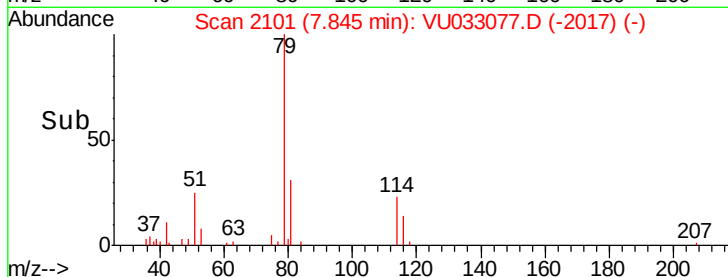
300

200

100

0

Time--> 7.80 7.82 7.84 7.86 7.88



#45

1,1,2-Trichloroethane

Concen: 0.501 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. 0.16 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Tgt Ion: 97 Resp: 2465

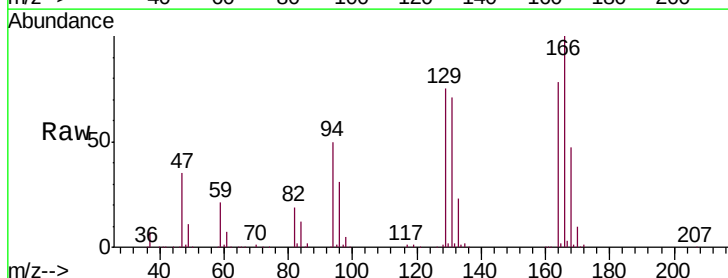
Ion Ratio Lower Upper

97 100

99 18.9 44.7 83.1#

83 258.8 62.6 116.2#

85 31.2 40.5 75.1#



Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

6000

5000

4000

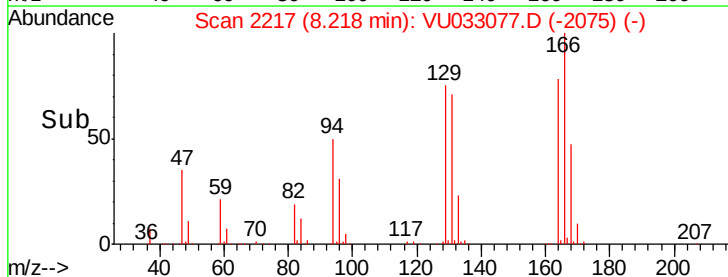
3000

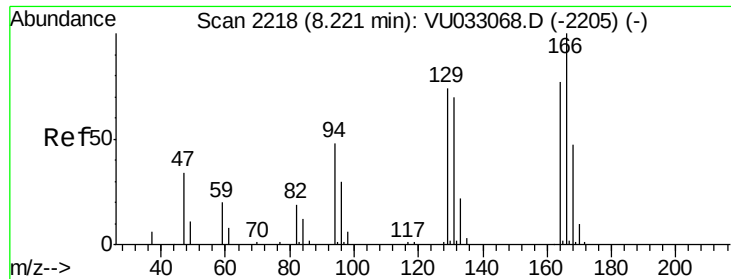
2000

1000

0

Time--> 8.20 8.22 8.24 8.26

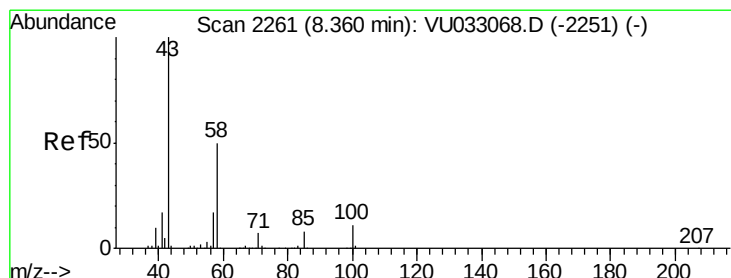
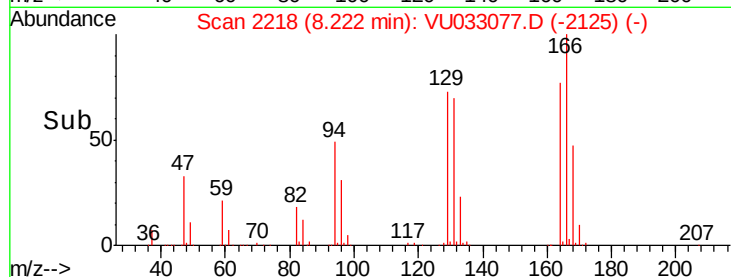
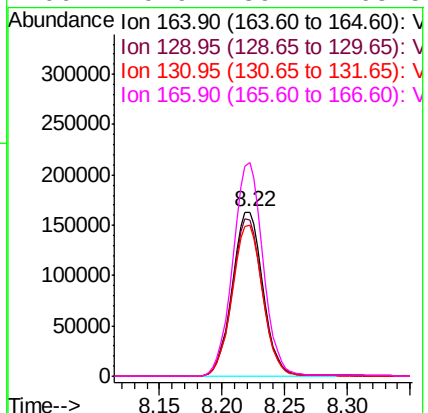
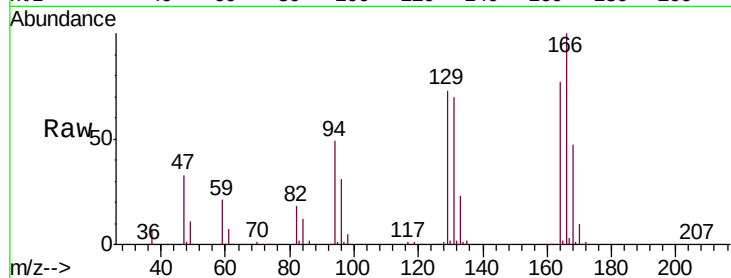




#47
Tetrachloroethene
Concen: 48.253 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU033077.D
Acq: 28 Jun 2019 17:30

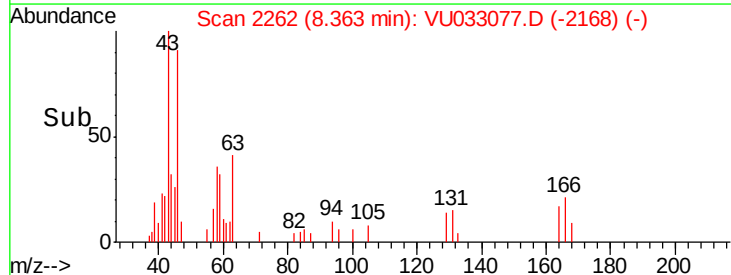
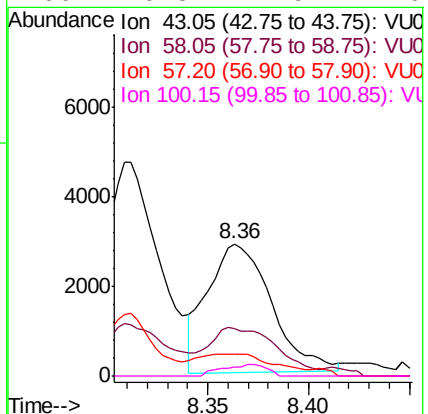
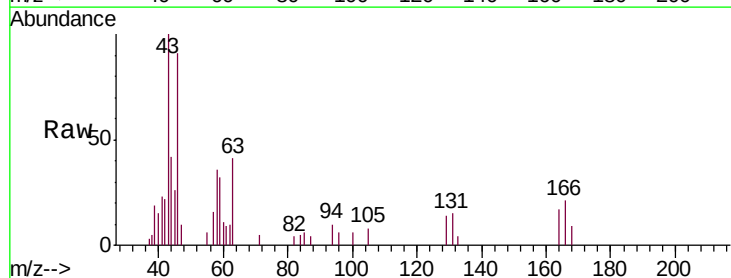
Instrument :
MSVOA_U
ClientSampleId :
GAM79

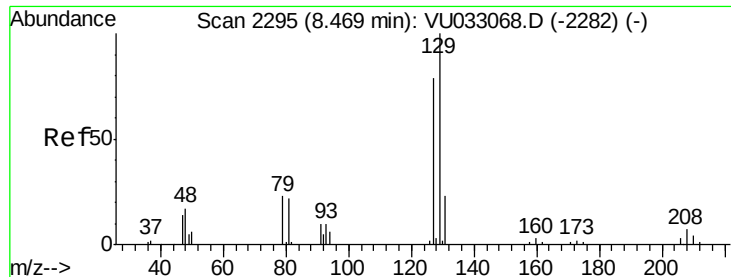
Tgt Ion:	164	Resp:	278160
Ion	Ratio	Lower	Upper
164	100		
129	94.9	64.9	120.5
131	91.5	63.5	117.9
166	129.9	89.1	165.5



#48
2-Hexanone
Concen: 1.845 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033077.D
Acq: 28 Jun 2019 17:30

Tgt Ion:	43	Resp:	6384
Ion	Ratio	Lower	Upper
43	100		
58	39.6	40.0	60.0#
57	2.5	14.0	21.0#
100	6.3	7.9	11.9#





#49

Dibromochloromethane

Concen: 42.045 ug/L

RT: 8.22 min Scan# 2217

Delta R.T. -0.25 min

Lab File: VU033077.D

Acq: 28 Jun 2019 17:30

Instrument :

MSVOA_U

ClientSampleId :

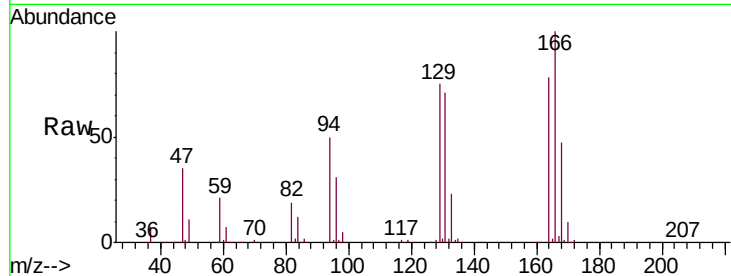
GAM79

Tgt Ion:129 Resp: 262497

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

150000

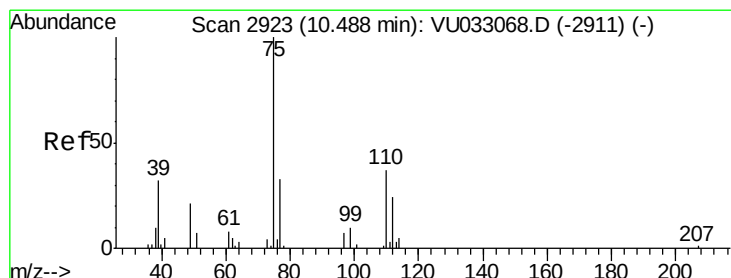
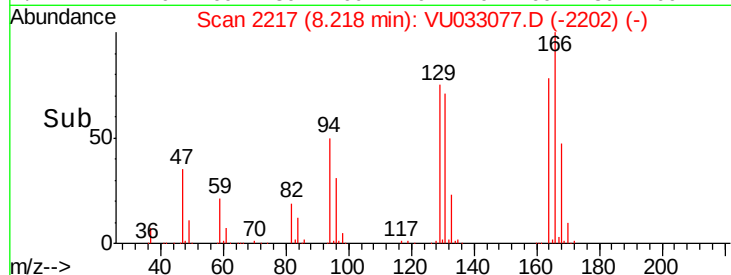
100000

50000

0

Time-->

8.15 8.20 8.25 8.30



#59

1,2,3-Trichloropropane

Concen: 1.140 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033077.D

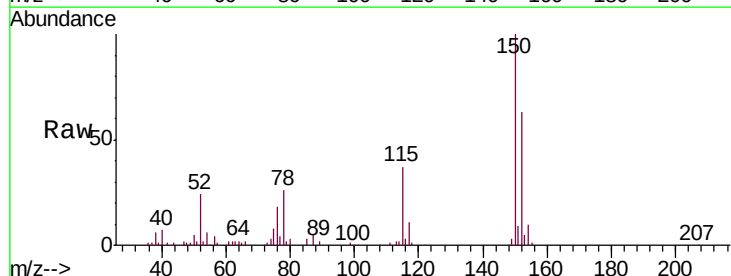
Acq: 28 Jun 2019 17:30

Tgt Ion: 75 Resp: 5354

Ion Ratio Lower Upper

75 100

77 42.8 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

3000

2000

1000

0

Time-->

11.45 11.50 11.55

