

Data File : VU032168.D
Acq On : 20 May 2019 20:44
Operator : JC/SP
Sample : K2889-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM1

Quant Time: May 21 08:35:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	349548	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371499	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	148536	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	96525	3.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.60%
7) Chloroethane-d5	1.68	69	88487	3.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.40%
11) 1,1-Dichloroethene-d2	2.27	63	140082	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.19	46	237307	41.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.10%
24) Chloroform-d	4.64	84	205489	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
26) 1,2-Dichloroethane-d4	5.31	65	101877	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
32) Benzene-d6	5.33	84	404164	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.32	67	120347	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.60%
41) Toluene-d8	7.56	98	327806	3.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.60%#
43) trans-1,3-Dichloropropene-	7.85	79	42062	3.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.60%
46) 2-Hexanone-d5	8.31	63	221208	41.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	105881	3.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.20%
64) 1,2-Dichlorobenzene-d4	11.86	152	129934	4.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.60%

Target Compounds

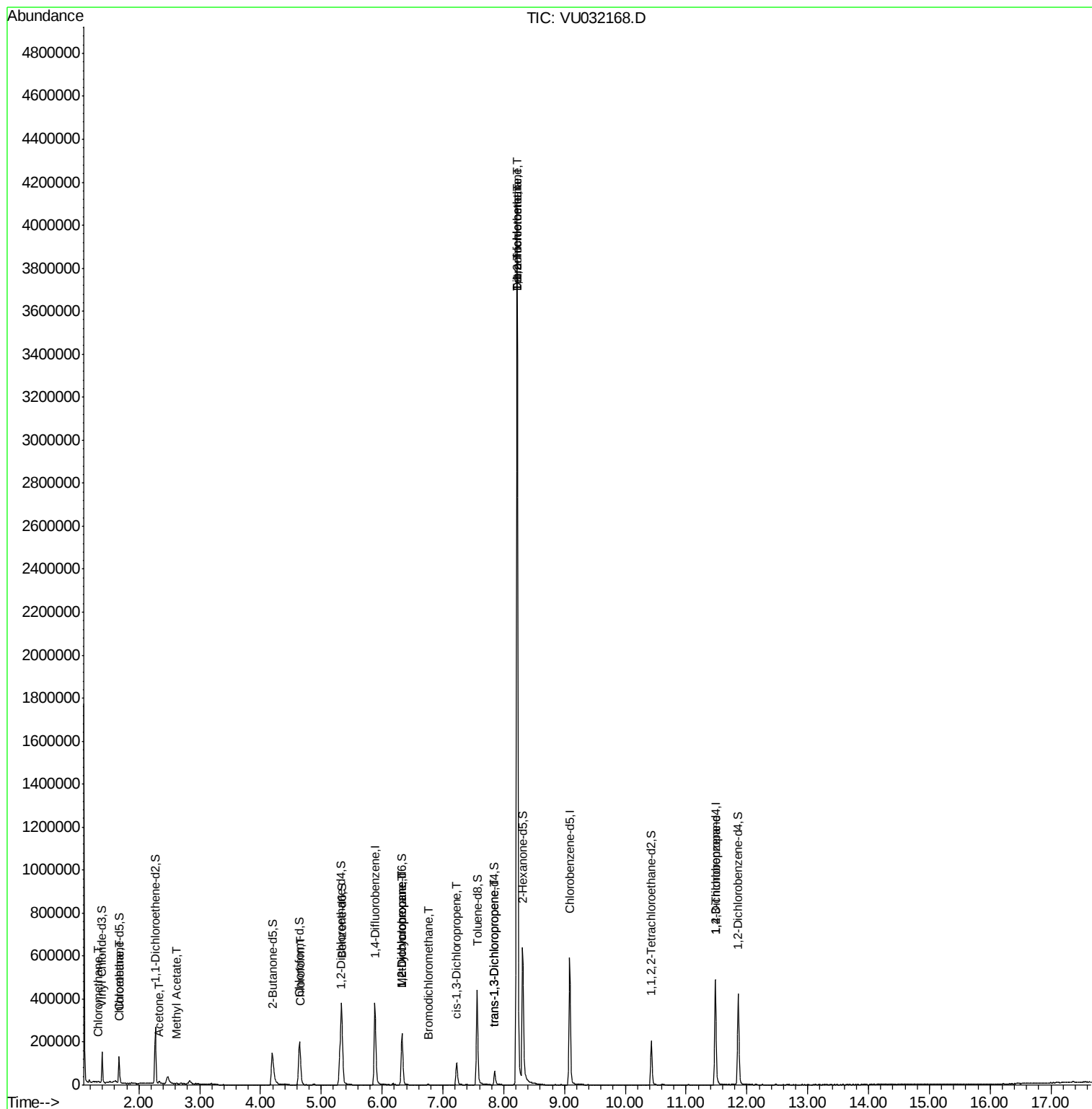
						Qvalue
3) Chloromethane	1.32	50	3237	0.193	ug/L #	78
8) Chloroethane	1.69	64	2025	0.185	ug/L #	60
13) Acetone	2.33	43	5259	2.771	ug/L	96
15) Methyl Acetate	2.62	43	860	0.158	ug/L #	51
25) Chloroform	4.66	83	8348	0.328	ug/L	80
35) Methylcyclohexane	6.33	83	29906	1.342	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	12945	0.928	ug/L #	87
38) Bromodichloromethane	6.76	83	2608	0.146	ug/L #	84
39) cis-1,3-Dichloropropene	7.22	75	2717	0.141	ug/L #	74
44) trans-1,3-Dichloropropene	7.86	75	1532	0.102	ug/L	91
45) 1,1,2-Trichloroethane	8.22	97	7681	0.746	ug/L #	1
47) Tetrachloroethene	8.22	164	1001035	86.541	ug/L	93
49) Dibromochloromethane	8.22	129	899408	75.747	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	14463	1.633	ug/L	93

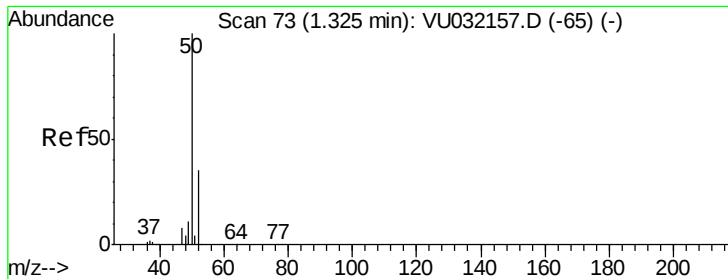
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032168.D
Acq On : 20 May 2019 20:44
Operator : JC/SP
Sample : K2889-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0BM1

Quant Time: May 21 08:35:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 08:29:49 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.193 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032168.D

Acq: 20 May 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

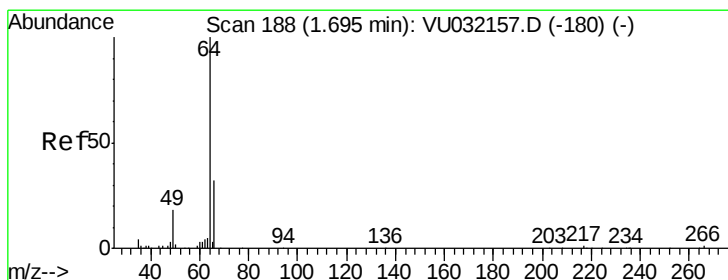
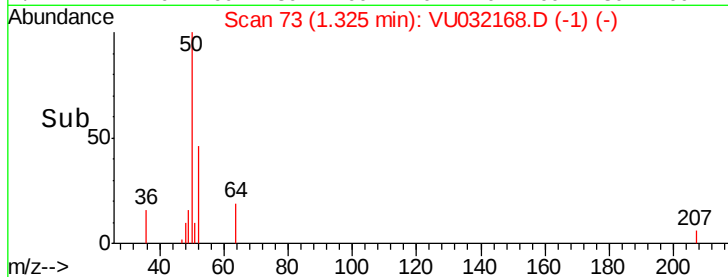
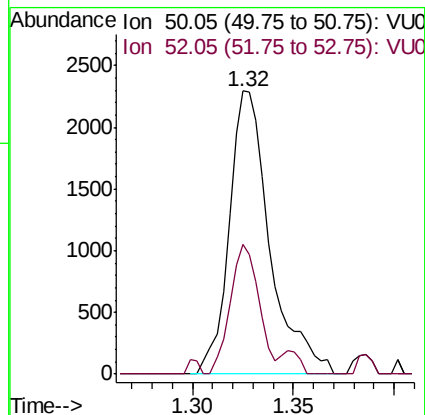
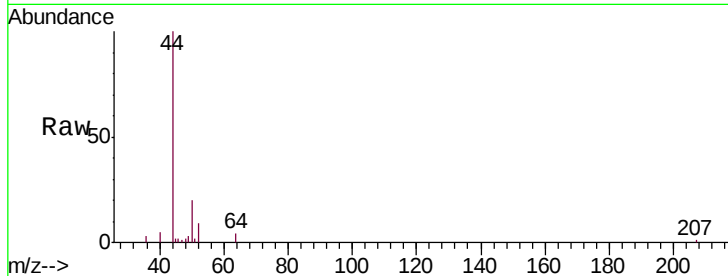
C0BM1

Tgt Ion: 50 Resp: 3237

Ion Ratio Lower Upper

50 100

52 45.8 23.2 43.0#



#8

Chloroethane

Concen: 0.185 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU032168.D

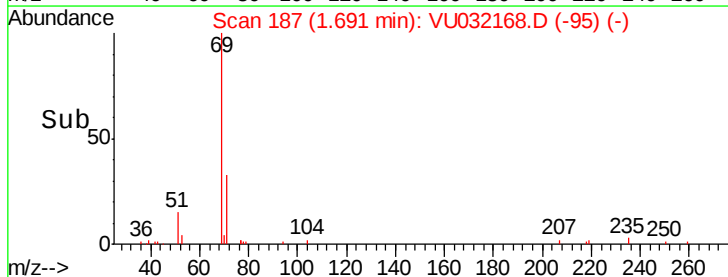
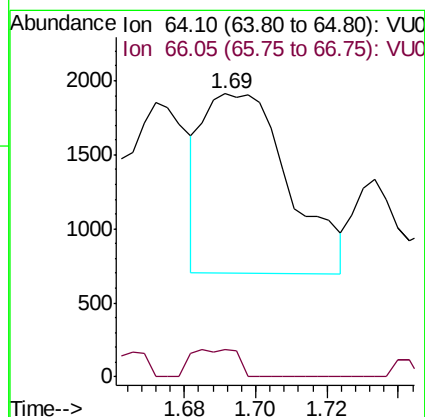
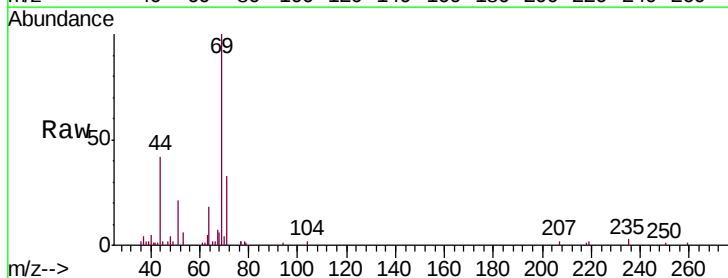
Acq: 20 May 2019 20:44

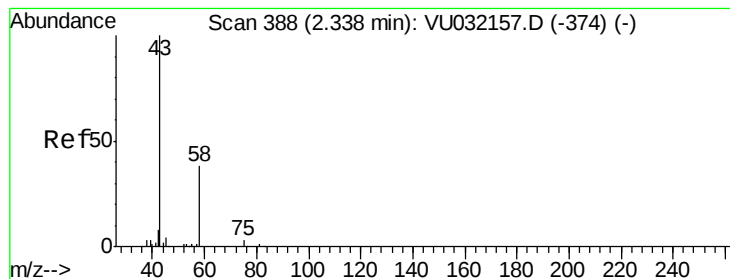
Tgt Ion: 64 Resp: 2025

Ion Ratio Lower Upper

64 100

66 9.6 22.0 41.0#





#13

Acetone

Concen: 2.771 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.01 min

Lab File: VU032168.D

Acq: 20 May 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

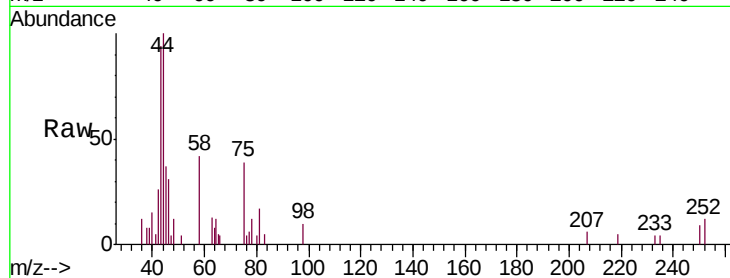
C0BM1

Tgt Ion: 43 Resp: 5259

Ion Ratio Lower Upper

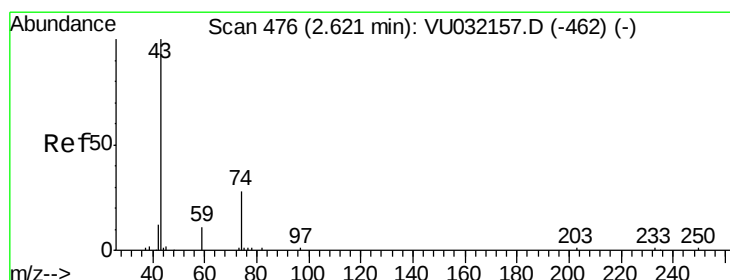
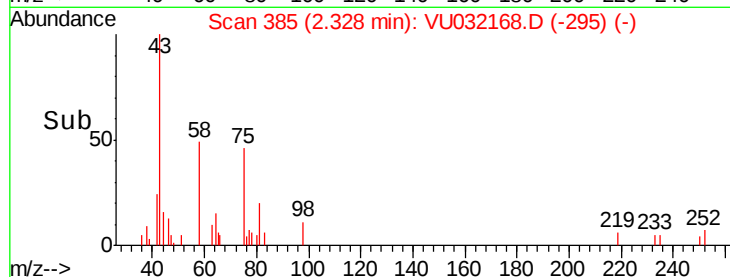
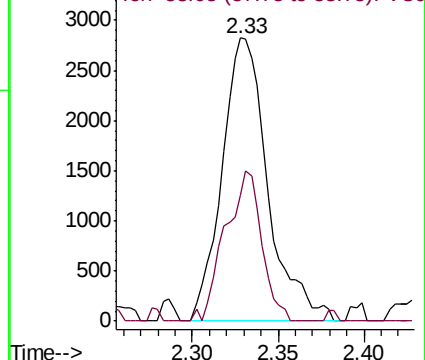
43 100

58 42.1 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 0.158 ug/L

RT: 2.62 min Scan# 477

Delta R.T. 0.00 min

Lab File: VU032168.D

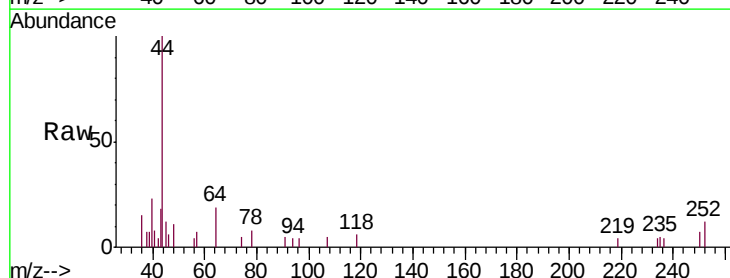
Acq: 20 May 2019 20:44

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

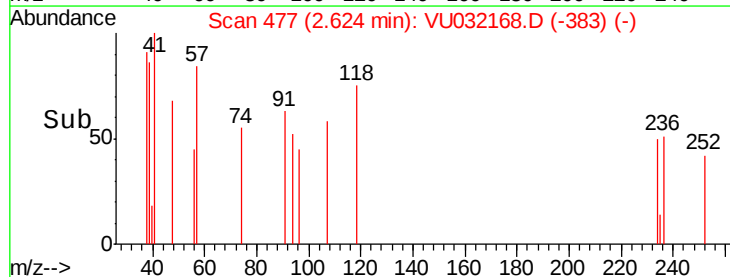
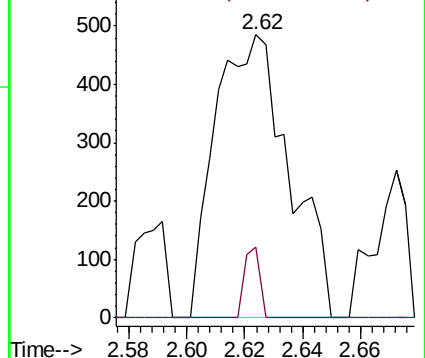
43 100

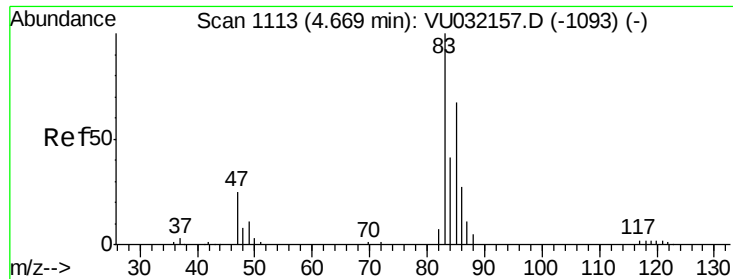
74 5.1 26.4 39.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

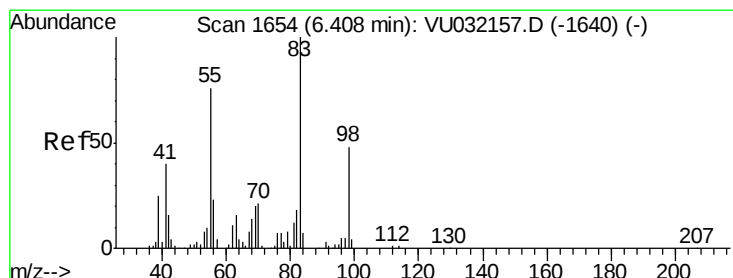
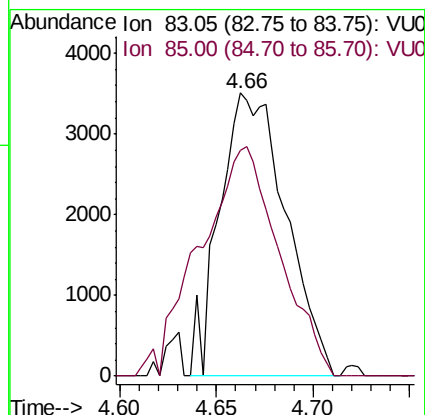
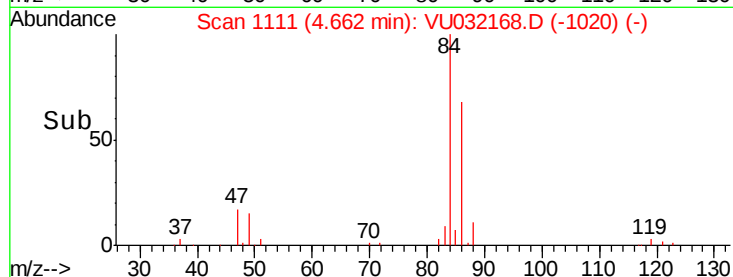
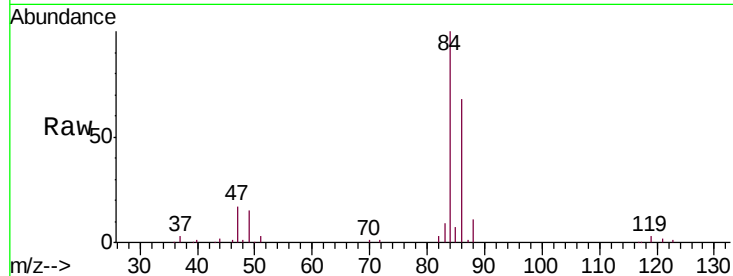




#25
Chloroform
Concen: 0.328 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU032168.D
Acq: 20 May 2019 20:44

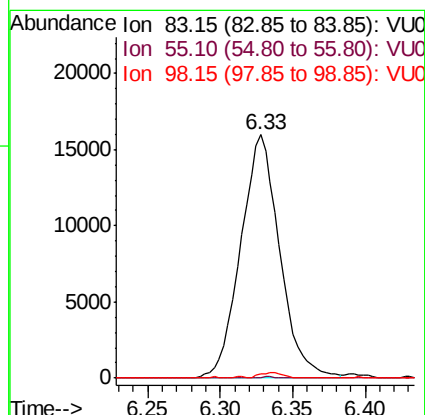
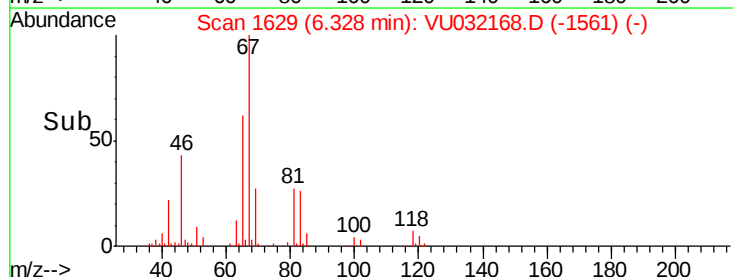
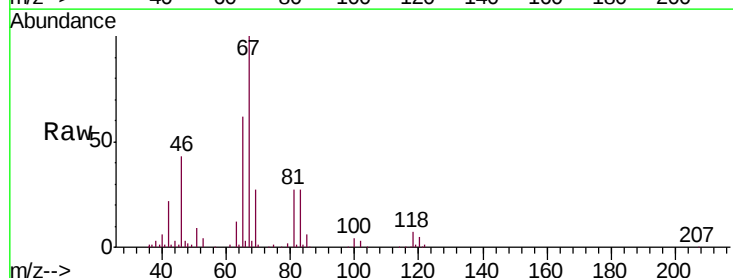
Instrument :
MSVOA_U
ClientSampleId :
C0BM1

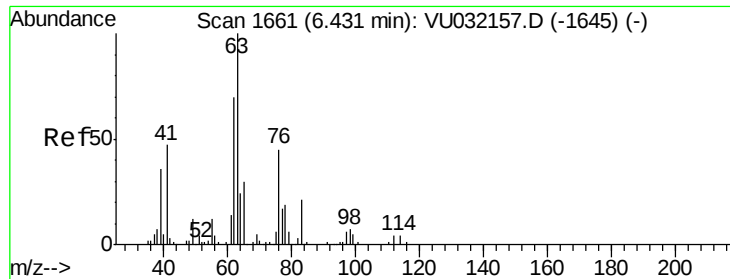
Tgt Ion: 83 Resp: 8348
Ion Ratio Lower Upper
83 100
85 79.9 44.9 83.3



#35
Methylcyclohexane
Concen: 1.342 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032168.D
Acq: 20 May 2019 20:44

Tgt Ion: 83 Resp: 29906
Ion Ratio Lower Upper
83 100
55 0.1 59.7 89.5#
98 1.4 36.8 55.2#

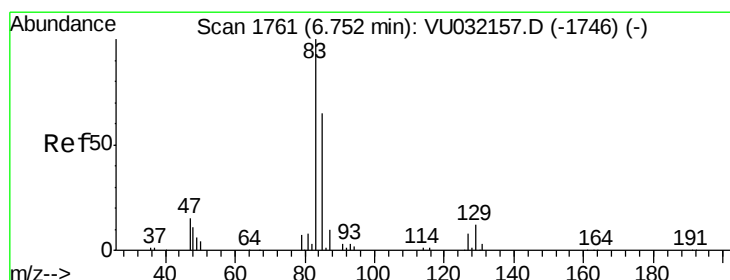
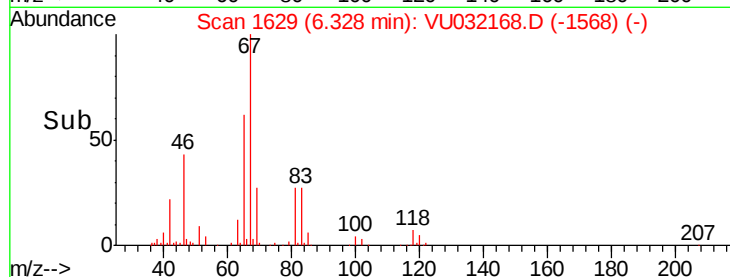
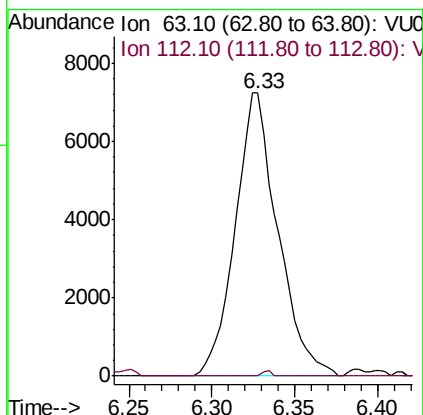
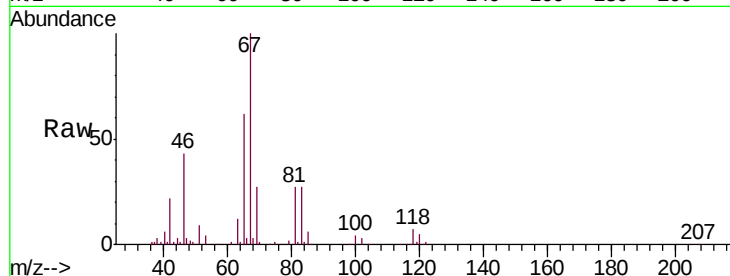




#37
 1,2-Dichloropropane
 Concen: 0.928 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032168.D
 Acq: 20 May 2019 20:44

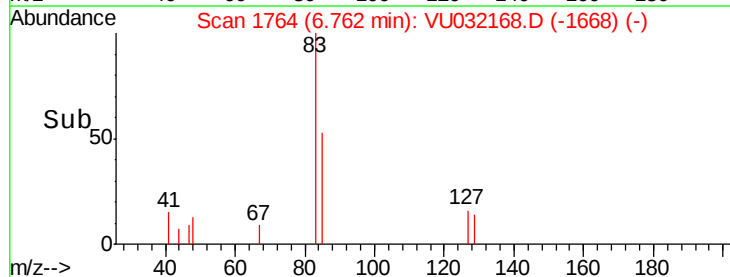
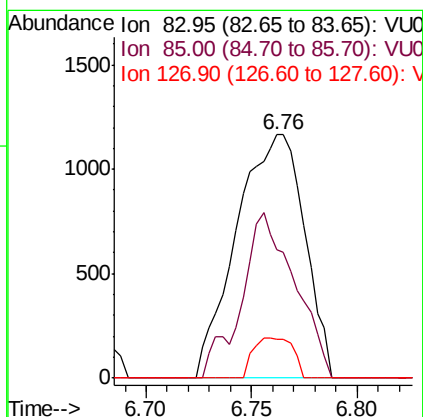
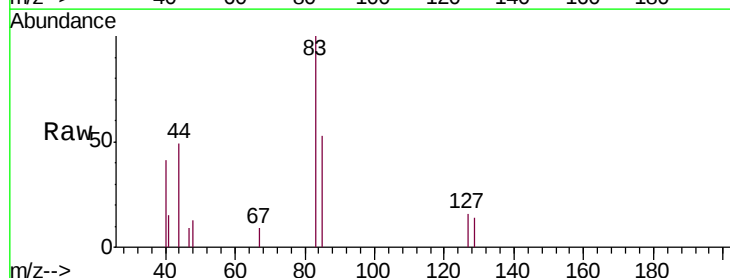
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM1

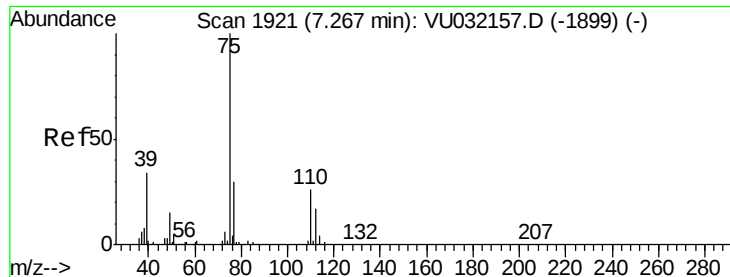
Tgt Ion: 63 Resp: 12945
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.8 5.6#



#38
 Bromodichloromethane
 Concen: 0.146 ug/L
 RT: 6.76 min Scan# 1764
 Delta R.T. 0.01 min
 Lab File: VU032168.D
 Acq: 20 May 2019 20:44

Tgt Ion: 83 Resp: 2608
 Ion Ratio Lower Upper
 83 100
 85 52.9 45.5 84.5
 127 16.1 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.141 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU032168.D

Acq: 20 May 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

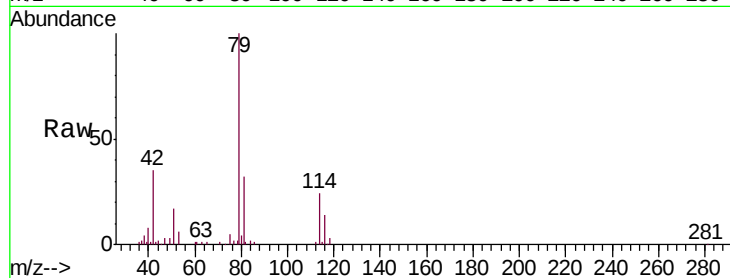
C0BM1

Tgt Ion: 75 Resp: 2717

Ion Ratio Lower Upper

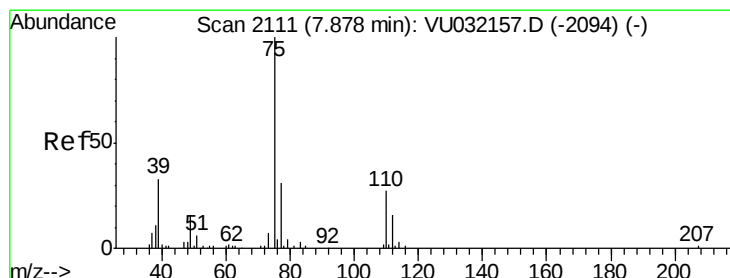
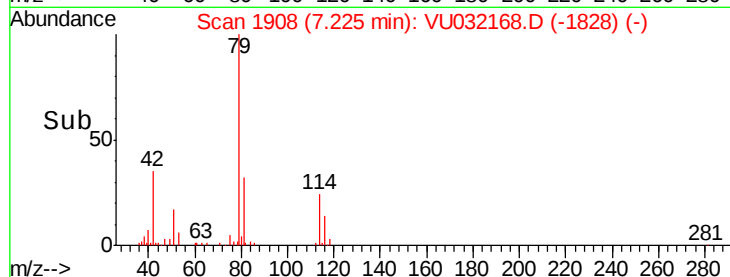
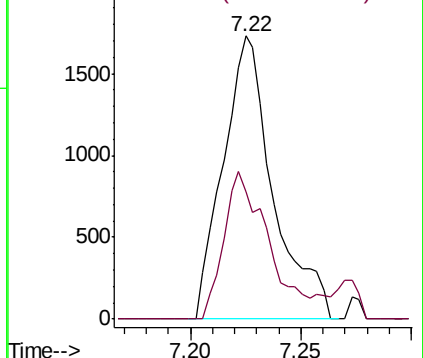
75 100

77 45.2 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. -0.02 min

Lab File: VU032168.D

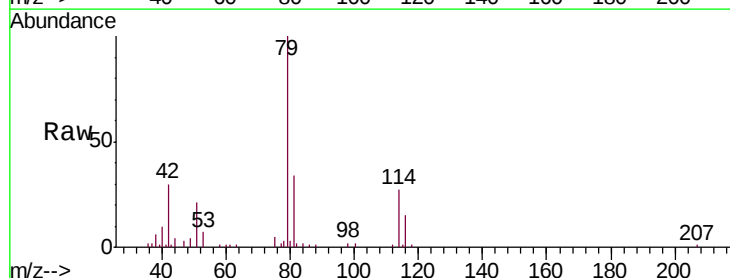
Acq: 20 May 2019 20:44

Tgt Ion: 75 Resp: 1532

Ion Ratio Lower Upper

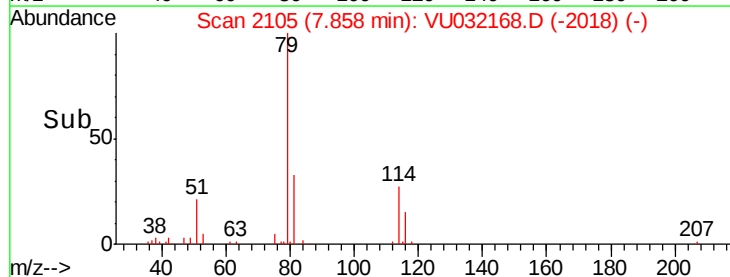
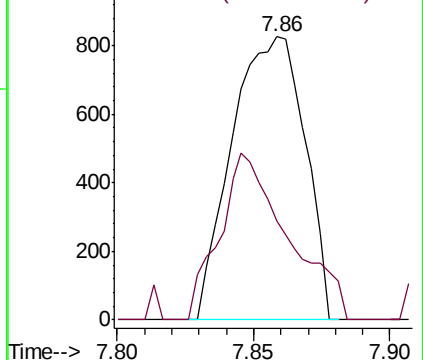
75 100

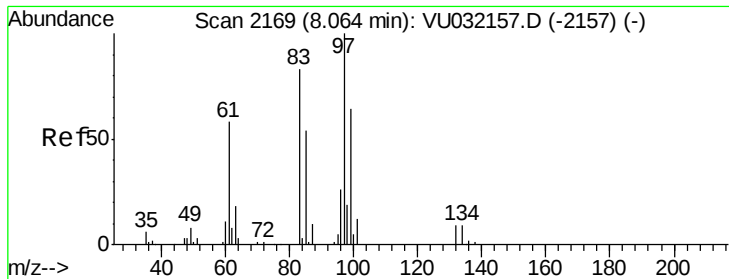
77 35.1 21.0 39.0



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

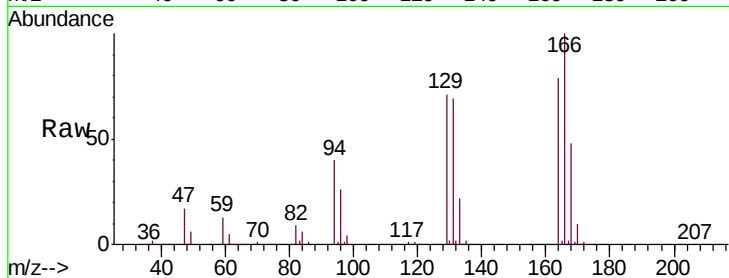




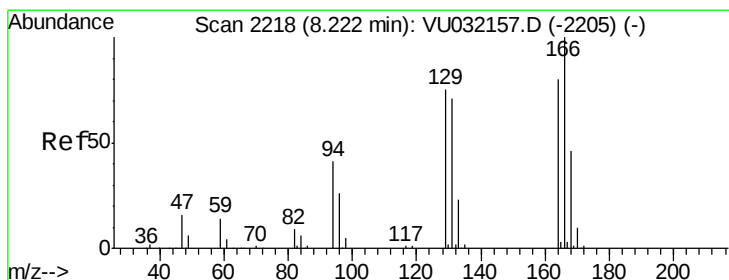
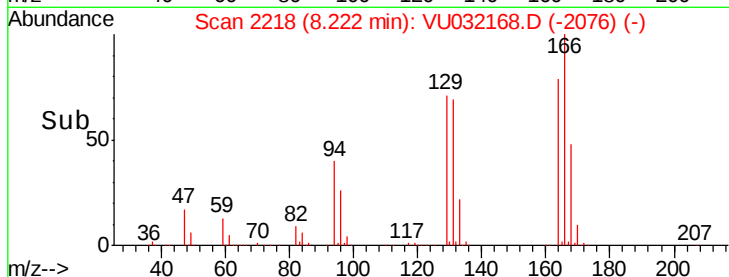
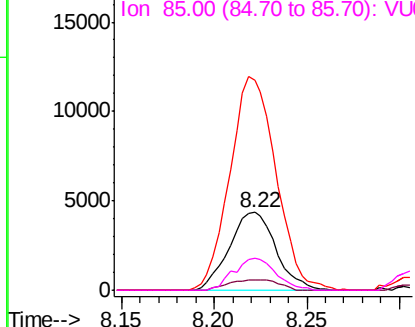
#45
 1,1,2-Trichloroethane
 Concen: 0.746 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.16 min
 Lab File: VU032168.D
 Acq: 20 May 2019 20:44

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BM1

Tgt Ion: 97 Resp: 7681
 Ion Ratio Lower Upper
 97 100
 99 12.9 40.7 75.7#
 83 269.8 59.6 110.8#
 85 40.8 37.3 69.3



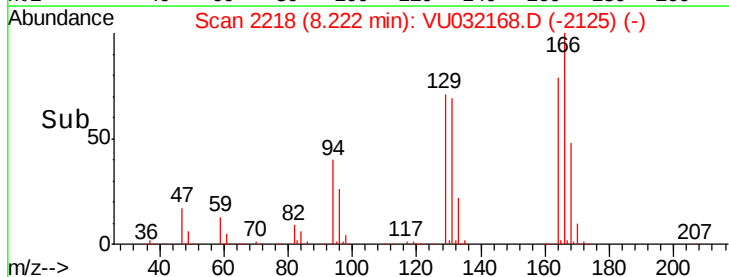
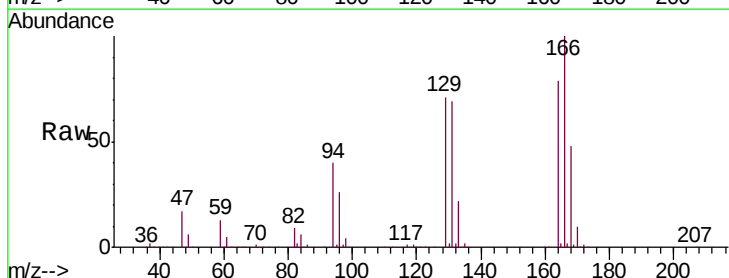
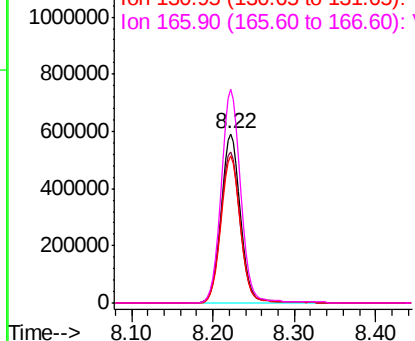
Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

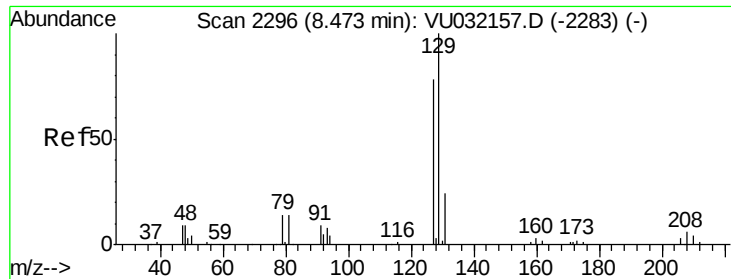


#47
 Tetrachloroethene
 Concen: 86.541 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU032168.D
 Acq: 20 May 2019 20:44

Tgt Ion: 164 Resp: 1001035
 Ion Ratio Lower Upper
 164 100
 129 89.5 70.3 130.5
 131 86.5 64.5 119.9
 166 126.0 92.3 171.5

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





#49

Dibromochloromethane

Concen: 75.747 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU032168.D

Acq: 20 May 2019 20:44

Instrument :

MSVOA_U

ClientSampleId :

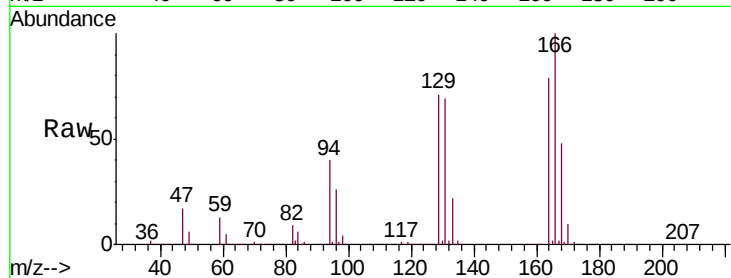
C0BM1

Tgt Ion:129 Resp: 899408

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

600000

500000

400000

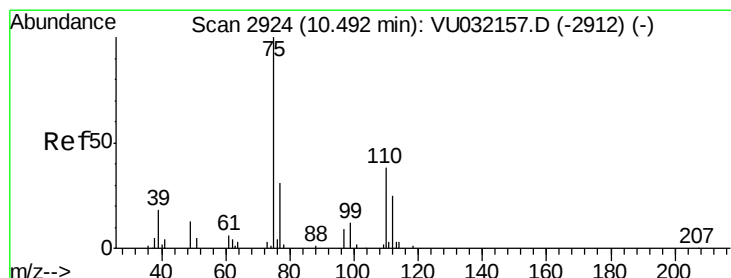
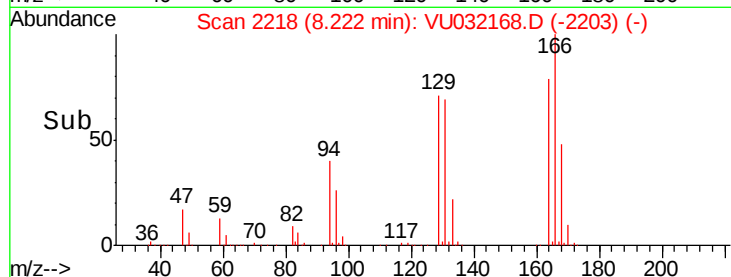
300000

200000

100000

0

Time-->



#59

1,2,3-Trichloropropane

Concen: 1.633 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032168.D

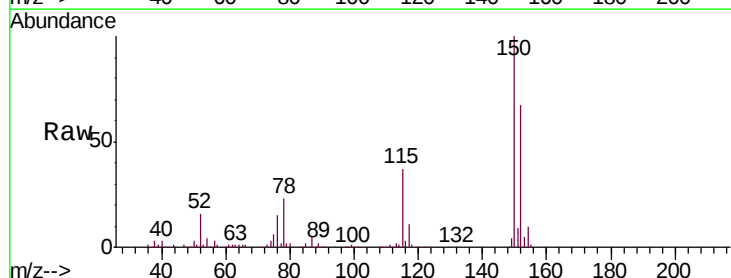
Acq: 20 May 2019 20:44

Tgt Ion: 75 Resp: 14463

Ion Ratio Lower Upper

75 100

77 36.6 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

8000

6000

4000

2000

0

Time-->

