

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU061919\
 Data File : VU032883.D
 Acq On : 20 Jun 2019 01:19
 Operator : JC/SP
 Sample : K3414-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALL9MS

Quant Time: Jun 20 07:30:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 20 07:24:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	86564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	85503	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44633	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26065	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.68	69	22604	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.27	63	58959	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	4.18	46	100662	64.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.18%
24) Chloroform-d	4.64	84	59164	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	5.31	65	34070	6.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	129.40%
32) Benzene-d6	5.33	84	107311	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.32	67	36208	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.56	98	99721	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	7.85	79	14446	5.16	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.20%
46) 2-Hexanone-d5	8.31	63	75533	53.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	31617	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	42905	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

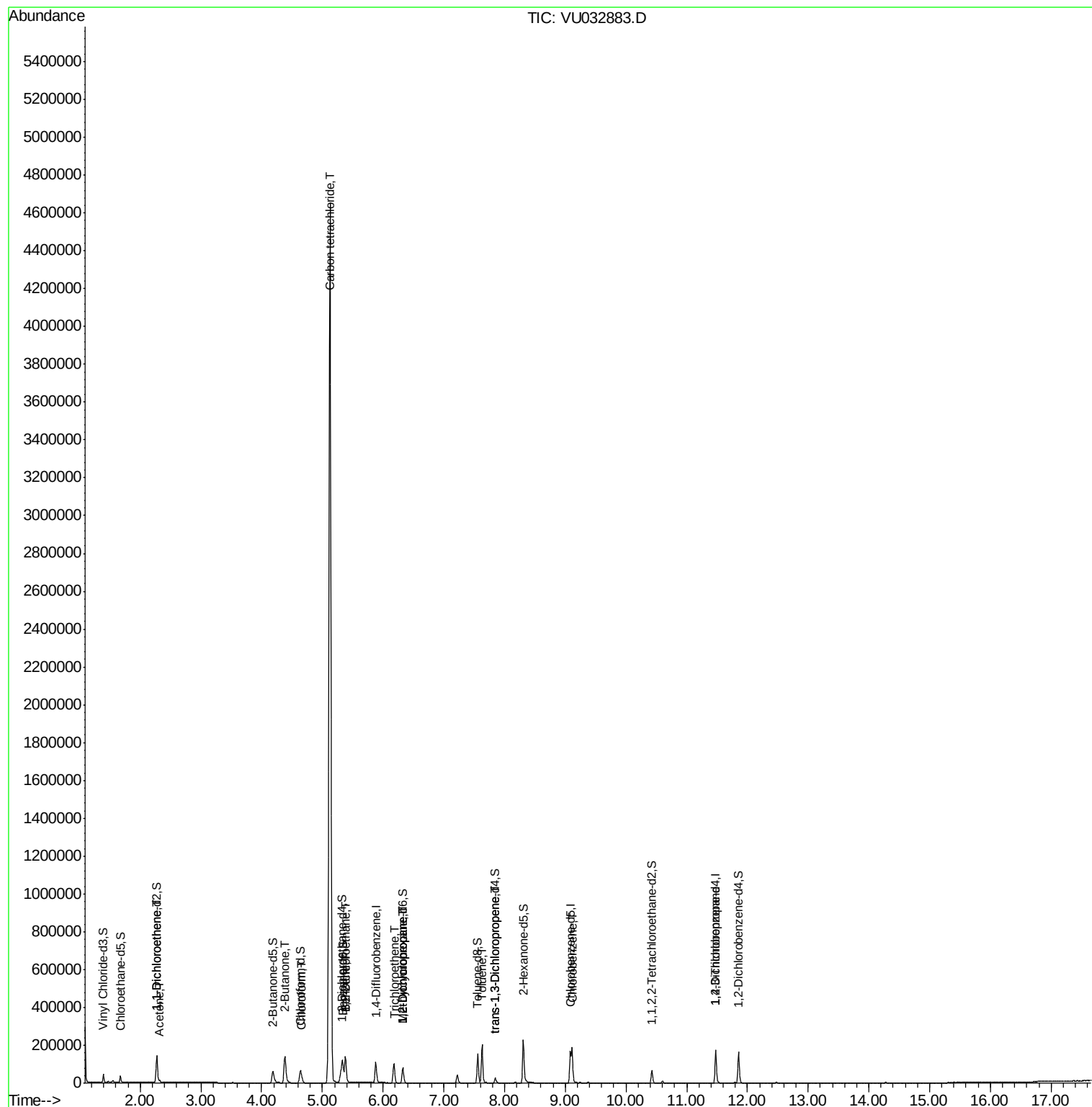
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	27144	4.935	ug/L	94
13) Acetone	2.32	43	8851	7.260	ug/L	94
21) 2-Butanone	4.38	43	203077	114.534	ug/L #	49
25) Chloroform	4.67	83	11775	1.085	ug/L	98
27) 1,2-Dichloroethane	5.39	62	1508	0.211	ug/L #	76
31) Carbon tetrachloride	5.13	117	3218797	339.778	ug/L	99
33) Benzene	5.38	78	126559	5.020	ug/L	100
34) Trichloroethene	6.18	95	34164	4.711	ug/L	96
35) Methylcyclohexane	6.32	83	8125	0.697	ug/L #	19
37) 1,2-Dichloropropane	6.32	63	4266	0.654	ug/L #	89
42) Toluene	7.63	91	139885	4.979	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	660	0.083	ug/L	87
51) Chlorobenzene	9.12	112	91651	5.203	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	5926	1.384	ug/L #	84

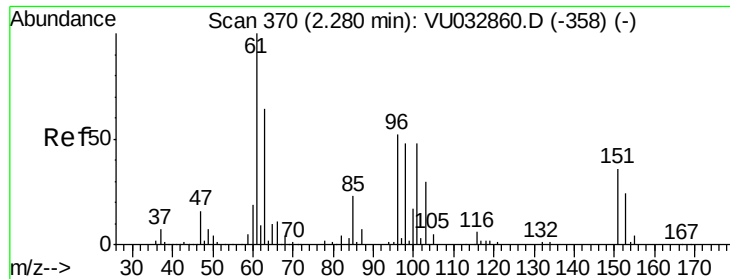
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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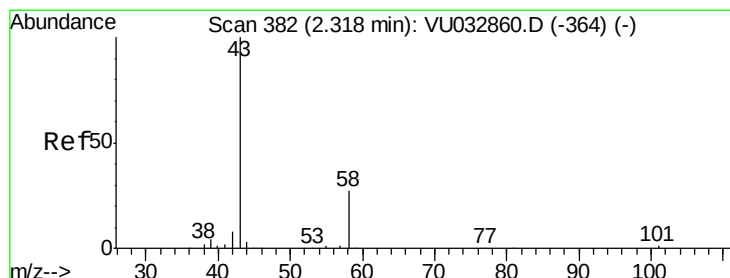
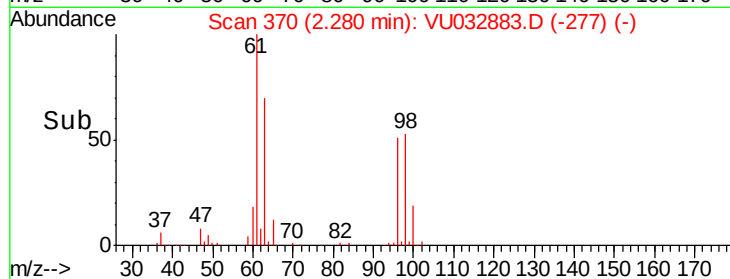
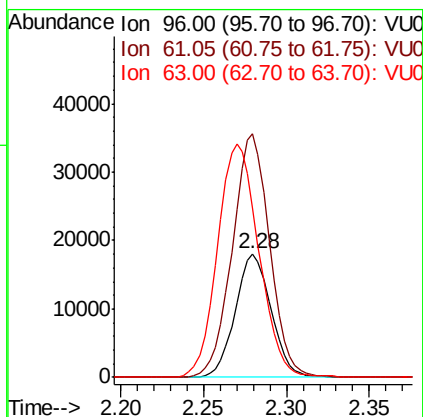
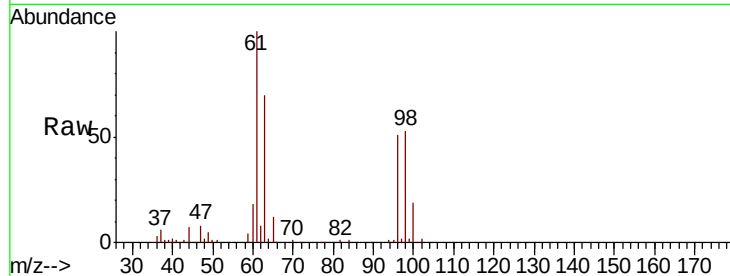




#12
 1,1-Dichloroethene
 Concen: 4.935 ug/L
 RT: 2.28 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: VU032883.D
 Acq: 20 Jun 2019 01:19

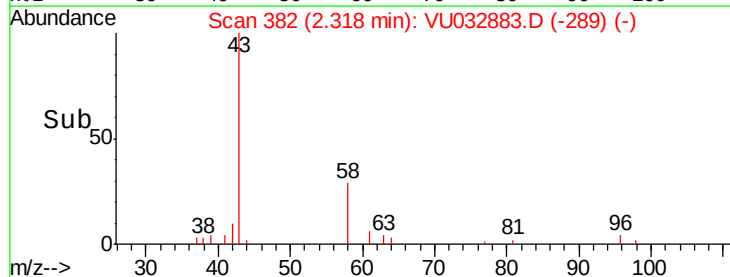
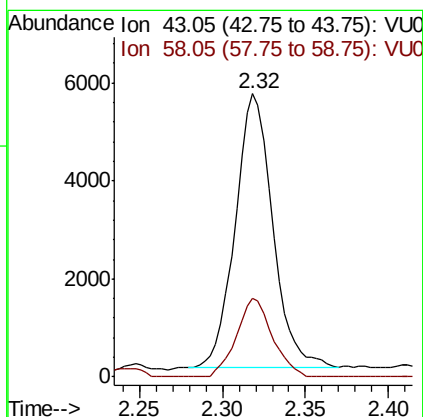
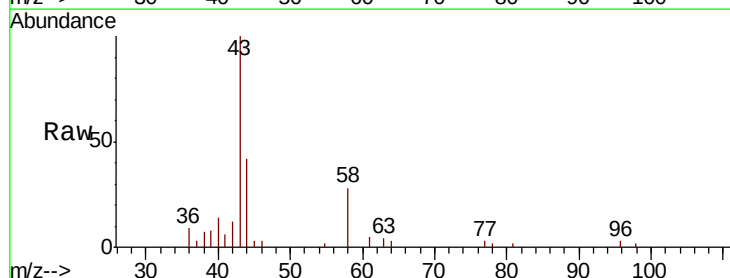
Instrument :
 MSVOA_U
 ClientSampleId :
 GALL9MS

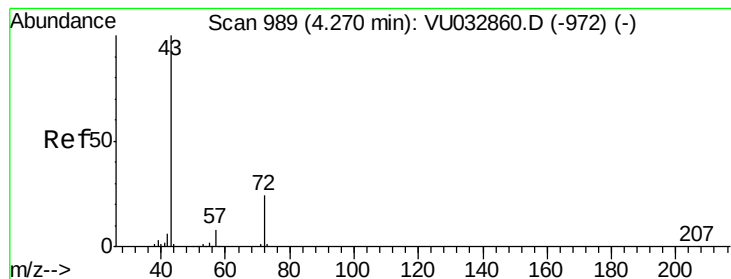
Tgt Ion: 96 Resp: 27144
 Ion Ratio Lower Upper
 96 100
 61 196.5 131.8 244.8
 63 137.1 90.1 167.3



#13
 Acetone
 Concen: 7.260 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VU032883.D
 Acq: 20 Jun 2019 01:19

Tgt Ion: 43 Resp: 8851
 Ion Ratio Lower Upper
 43 100
 58 27.3 0.0 60.8





#21

2-Butanone

Concen: 114.534 ug/L

RT: 4.38 min Scan# 1024

Delta R.T. 0.11 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

Instrument :

MSVOA_U

ClientSampleId :

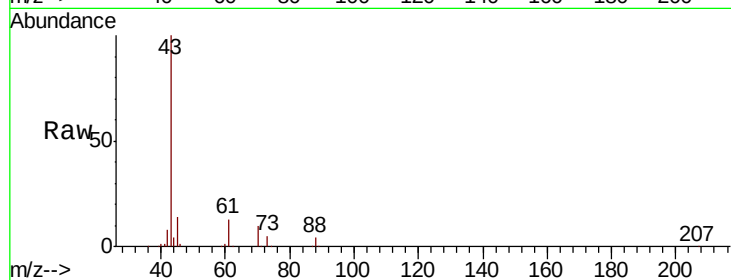
GALL9MS

Tgt Ion: 43 Resp: 203077

Ion Ratio Lower Upper

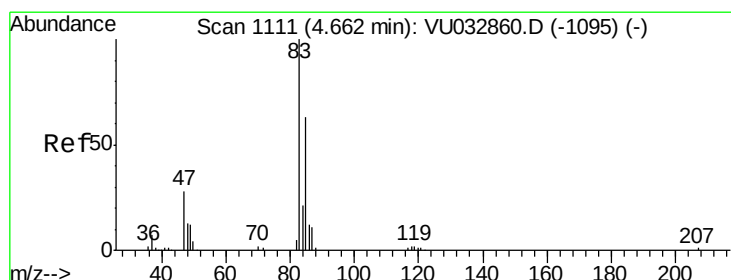
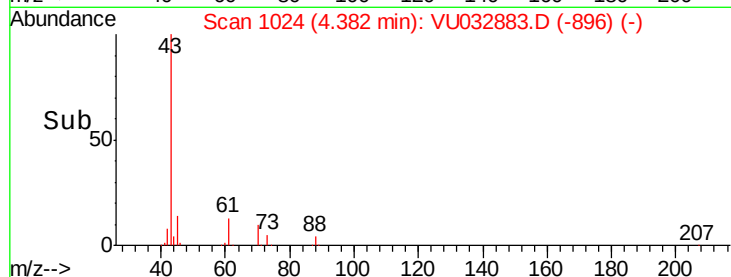
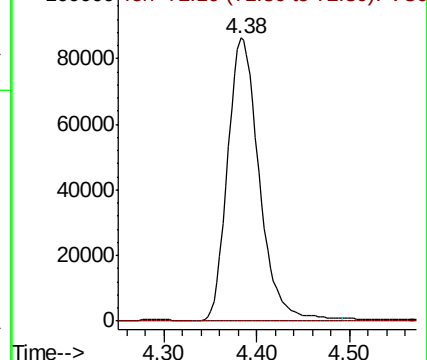
43 100

72 0.1 13.1 39.3#



Abundance Ion 43.05 (42.75 to 43.75): VU032860.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU032883.D (-896) (-)



#25

Chloroform

Concen: 1.085 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032883.D

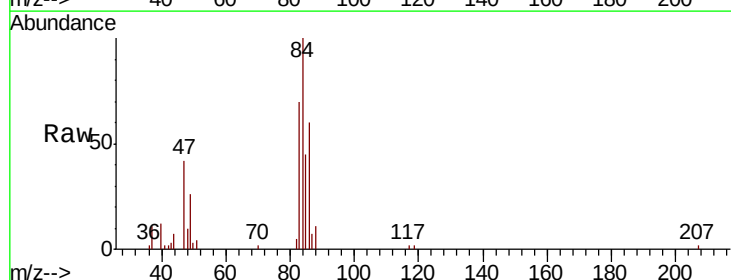
Acq: 20 Jun 2019 01:19

Tgt Ion: 83 Resp: 11775

Ion Ratio Lower Upper

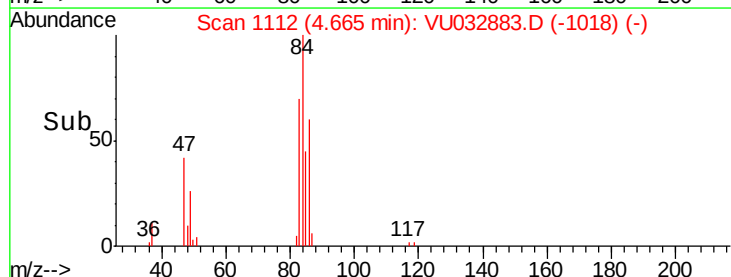
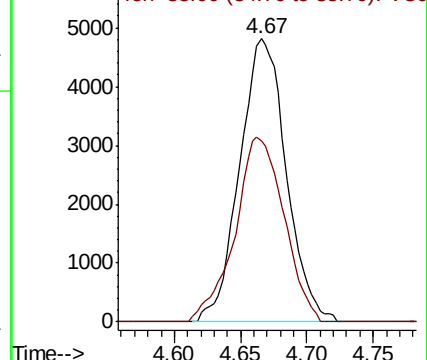
83 100

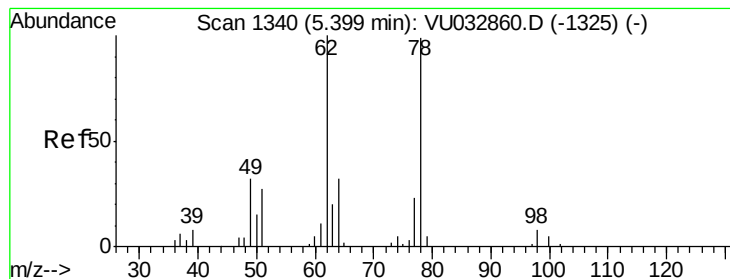
85 64.1 43.8 81.3



Abundance Ion 83.05 (82.75 to 83.75): VU032860.D (-1095) (-)

Ion 85.00 (84.70 to 85.70): VU032883.D (-1018) (-)





#27

1,2-Dichloroethane

Concen: 0.211 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

Instrument :

MSVOA_U

ClientSampleId :

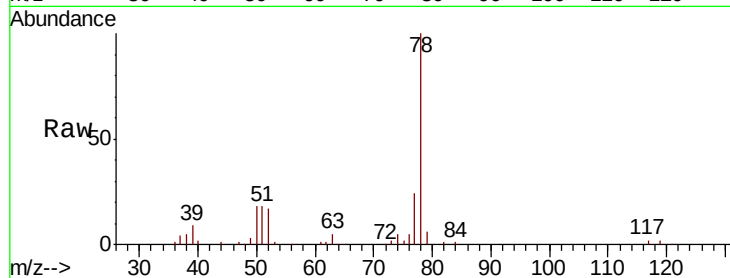
GALL9MS

Tgt Ion: 62 Resp: 1508

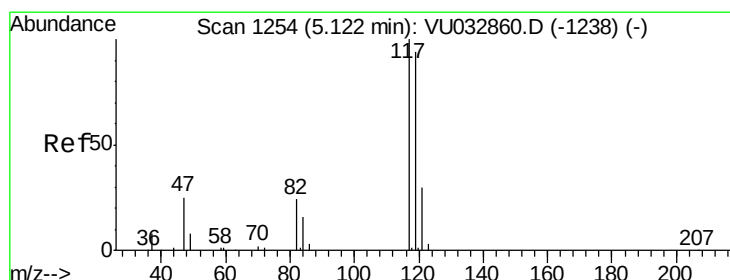
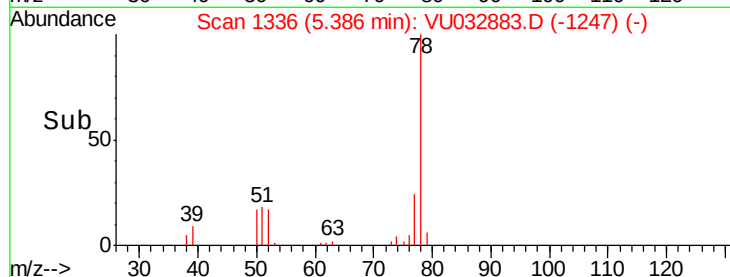
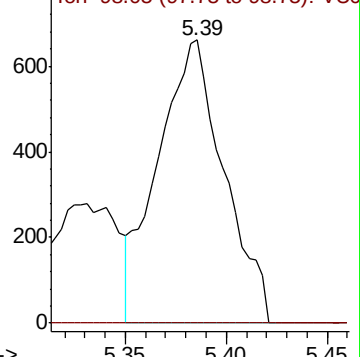
Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.6#



Abundance Ion 62.00 (61.70 to 62.70): VU032860.D (-1325) (-)



#31

Carbon tetrachloride

Concen: 339.778 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032883.D

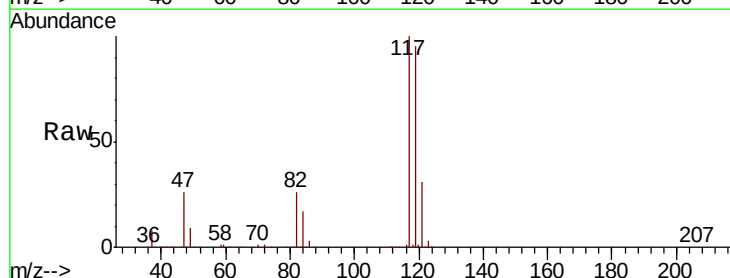
Acq: 20 Jun 2019 01:19

Tgt Ion: 117 Resp: 3218797

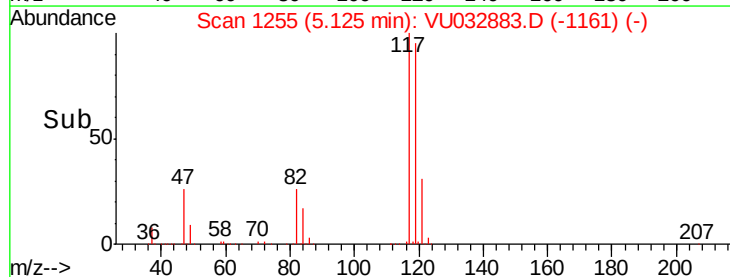
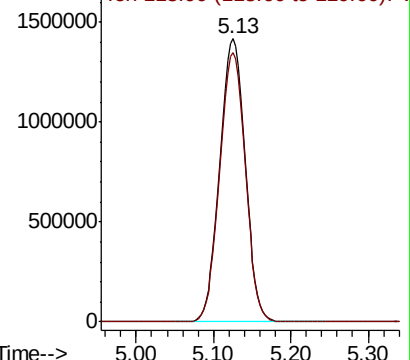
Ion Ratio Lower Upper

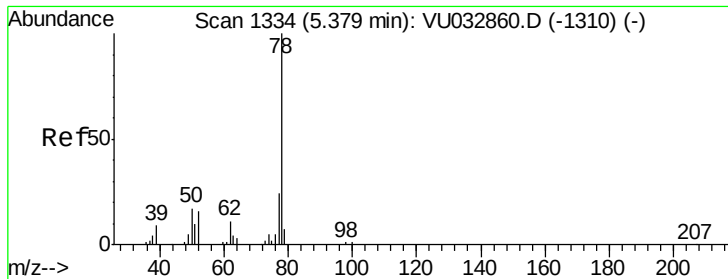
117 100

119 96.0 77.8 116.6



Abundance Ion 116.90 (116.60 to 117.60): VU032860.D (-1238) (-)





#33

Benzene

Concen: 5.020 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

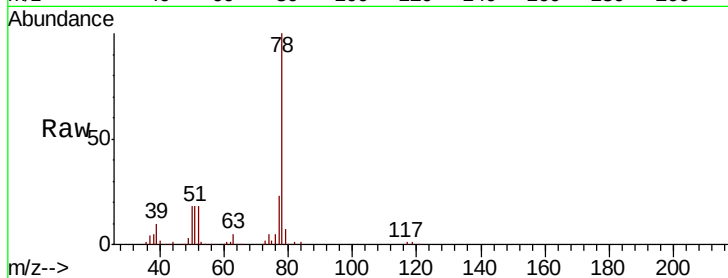
Instrument :

MSVOA_U

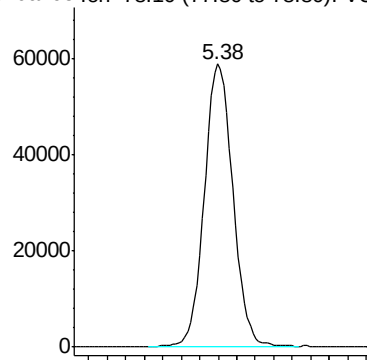
ClientSampleId :

GALL9MS

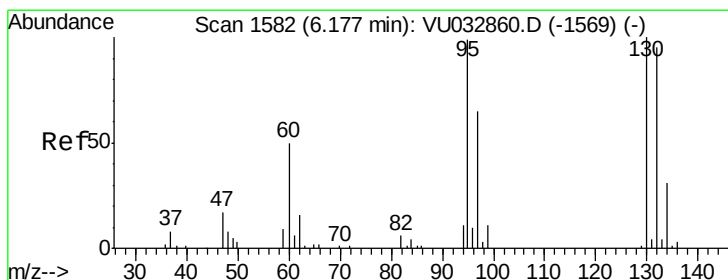
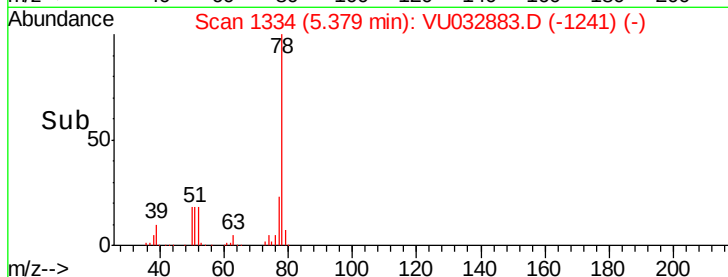
Tgt Ion: 78 Resp: 126559



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 4.711 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

Tgt Ion: 95 Resp: 34164

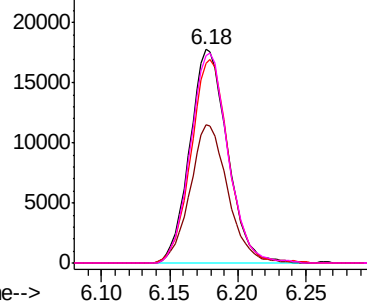
Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.1	81.9
132	93.4	68.8	127.8
130	97.0	71.0	131.8

Abundance Ion 95.00 (94.70 to 95.70): VU0

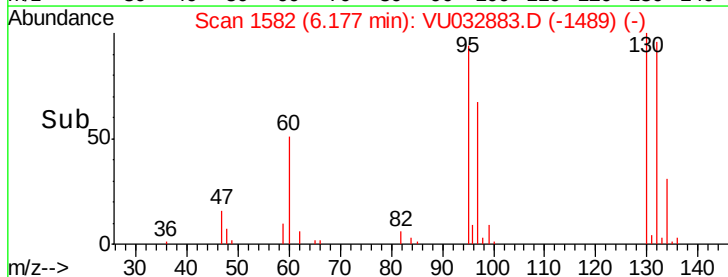
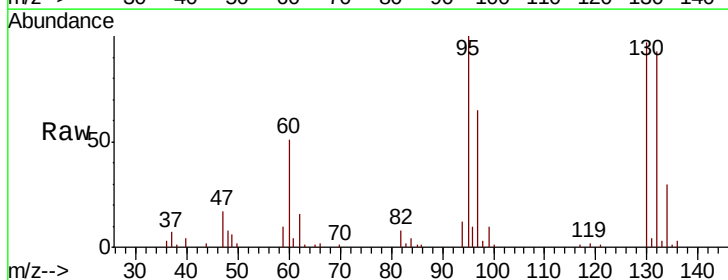
Ion 96.95 (96.65 to 97.65): VU0

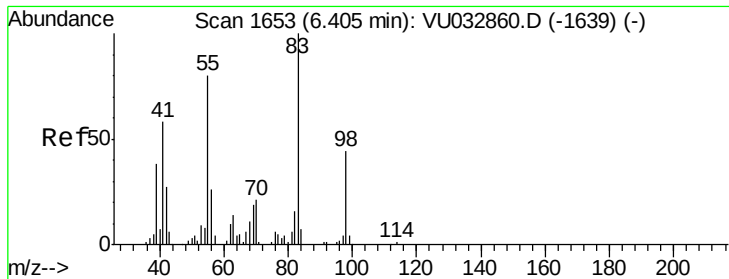
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->





#35

Methylcyclohexane

Concen: 0.697 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

Instrument :

MSVOA_U

ClientSampled :

GALL9MS

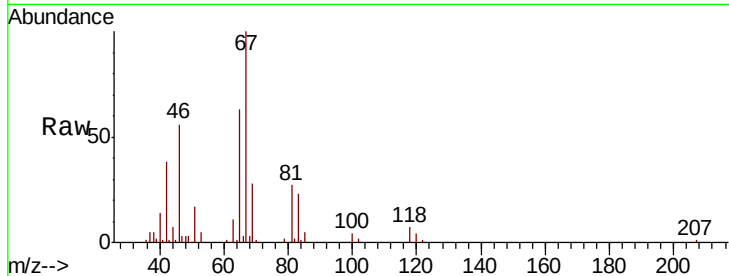
Tgt Ion: 83 Resp: 8125

Ion Ratio Lower Upper

83 100

55 0.0 60.0 90.0#

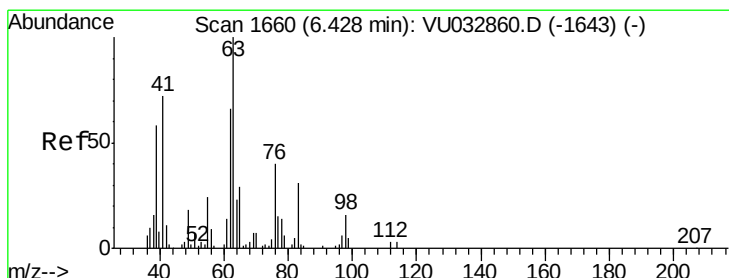
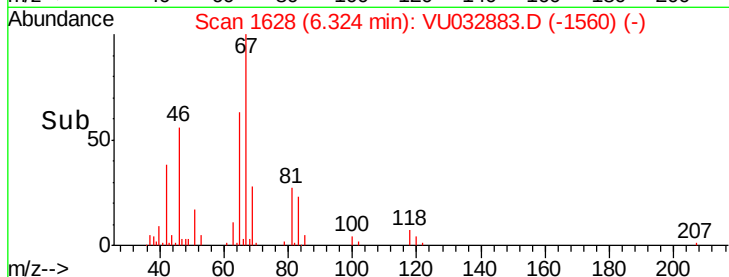
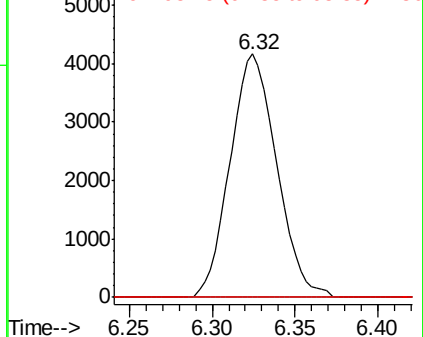
98 0.6 37.8 56.8#



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: 0.654 ug/L

RT: 6.32 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VU032883.D

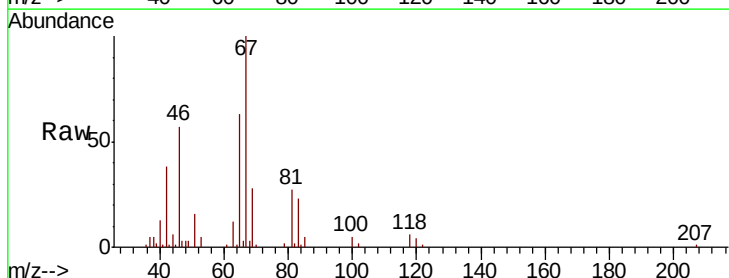
Acq: 20 Jun 2019 01:19

Tgt Ion: 63 Resp: 4266

Ion Ratio Lower Upper

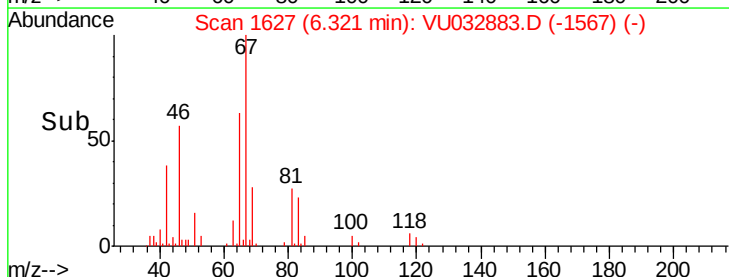
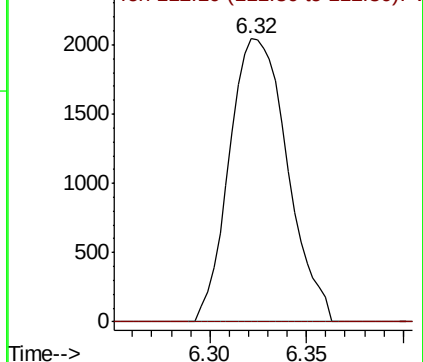
63 100

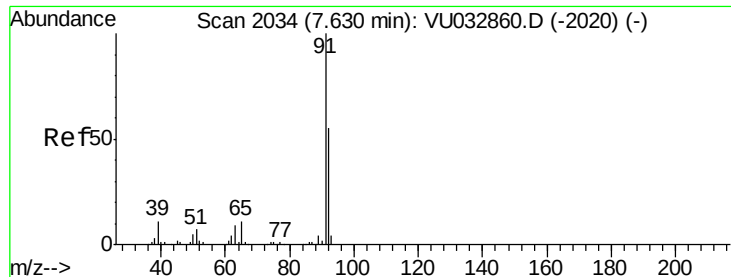
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.979 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

Instrument :

MSVOA_U

ClientSampleId :

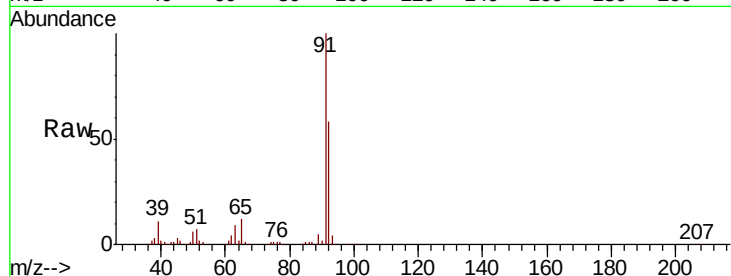
GALL9MS

Tgt Ion: 91 Resp: 139885

Ion Ratio Lower Upper

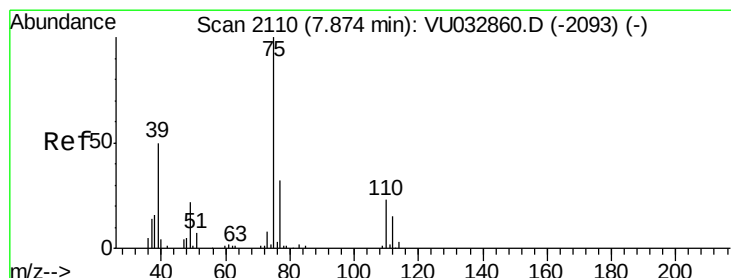
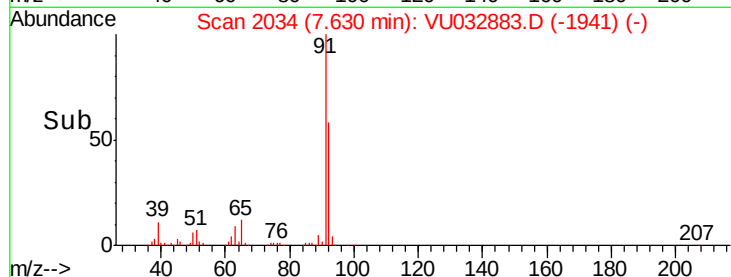
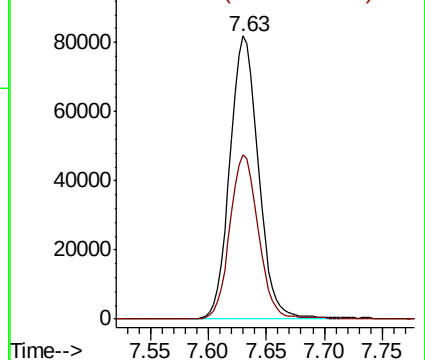
91 100

92 58.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU032883.D

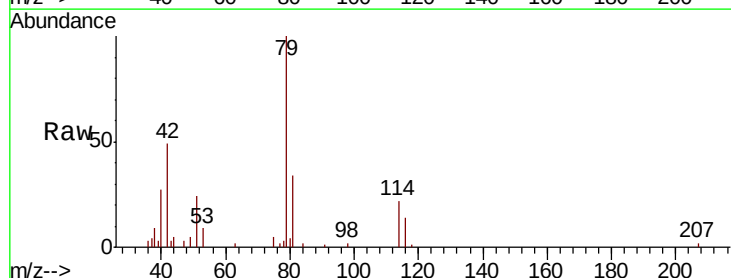
Acq: 20 Jun 2019 01:19

Tgt Ion: 75 Resp: 660

Ion Ratio Lower Upper

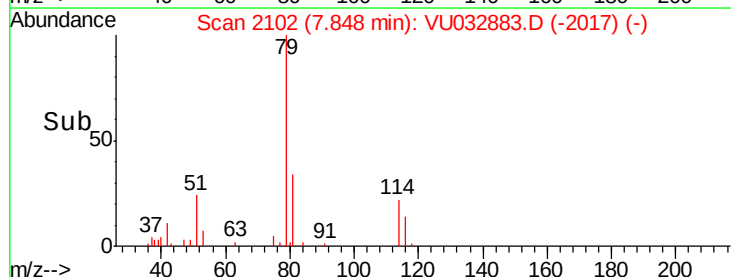
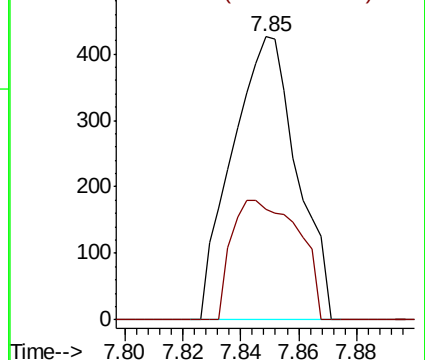
75 100

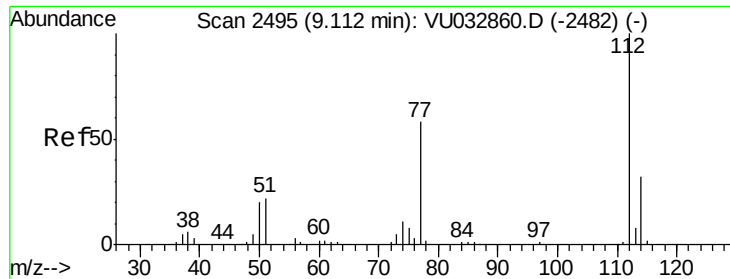
77 39.2 22.5 41.7



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0





#51

Chlorobenzene

Concen: 5.203 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032883.D

Acq: 20 Jun 2019 01:19

Instrument :

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ClientSampleId :

GALL9MS

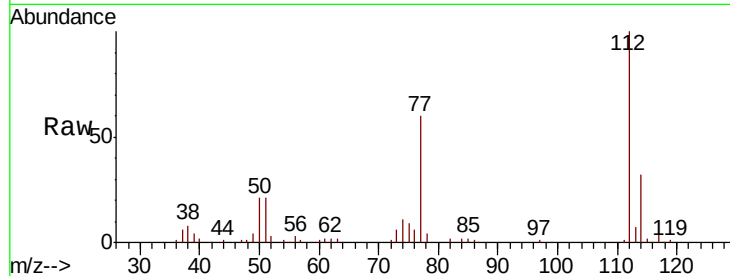
Tgt Ion: 112 Resp: 91651

Ion Ratio Lower Upper

112 100

114 32.2 22.4 41.6

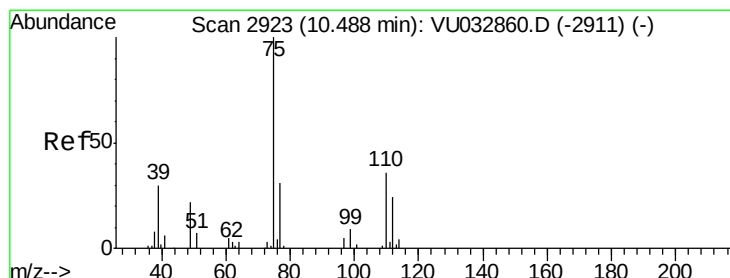
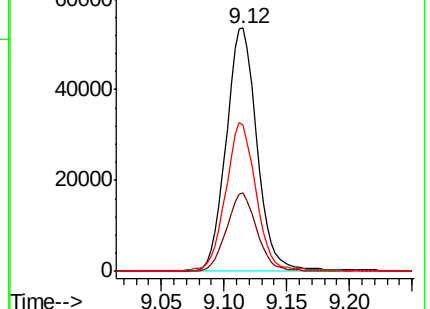
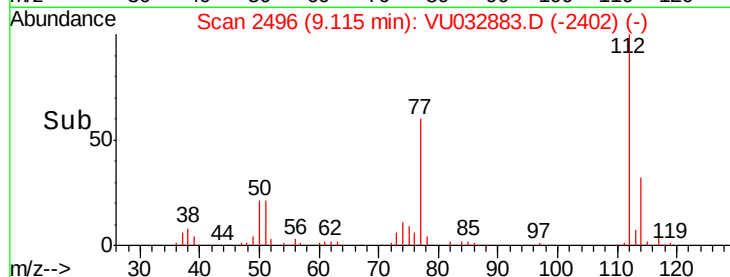
77 60.2 46.5 69.7



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.384 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032883.D

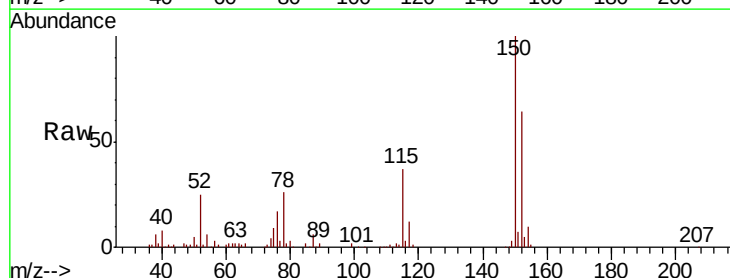
Acq: 20 Jun 2019 01:19

Tgt Ion: 75 Resp: 5926

Ion Ratio Lower Upper

75 100

77 40.7 25.3 37.9#



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU

