

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061919\
 Data File : VU032884.D
 Acq On : 20 Jun 2019 01:43
 Operator : JC/SP
 Sample : K3414-03MSD
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALL9MSD

Quant Time: Jun 20 09:02:51 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	88494	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	87877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	45778	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	26565	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.68	69	22632	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.27	63	59678	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	4.19	46	102991	64.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.28%
24) Chloroform-d	4.64	84	58719	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	5.30	65	33351	6.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.80%
32) Benzene-d6	5.33	84	109962	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.32	67	35423	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.56	98	98436	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.85	79	14101	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.31	63	75093	52.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32200	5.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	43128	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

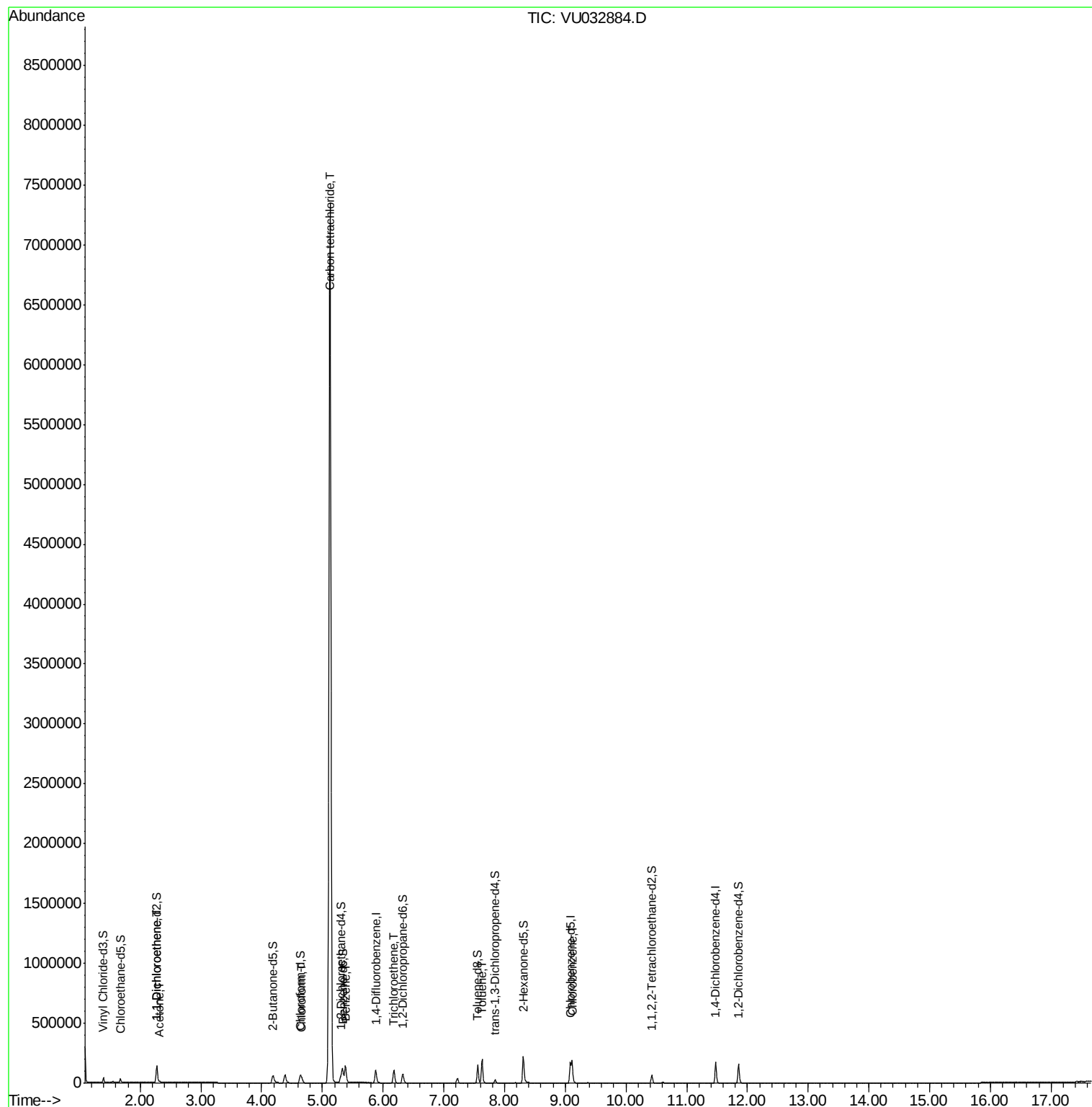
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	27926	4.967	ug/L	93
13) Acetone	2.32	43	10358	8.311	ug/L	97
25) Chloroform	4.67	83	19589	1.766	ug/L	96
31) Carbon tetrachloride	5.13	117	5031486	516.778	ug/L	99
33) Benzene	5.38	78	129616	5.003	ug/L	100
34) Trichloroethene	6.18	95	34619	4.645	ug/L	96
42) Toluene	7.63	91	145461	5.037	ug/L	97
51) Chlorobenzene	9.11	112	94785	5.235	ug/L	99

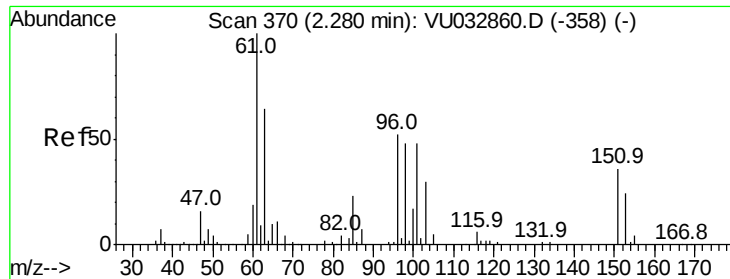
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.967 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU032884.D

Acq: 20 Jun 2019 01:43

Instrument :

MSVOA_U

ClientSampleId :

GALL9MSD

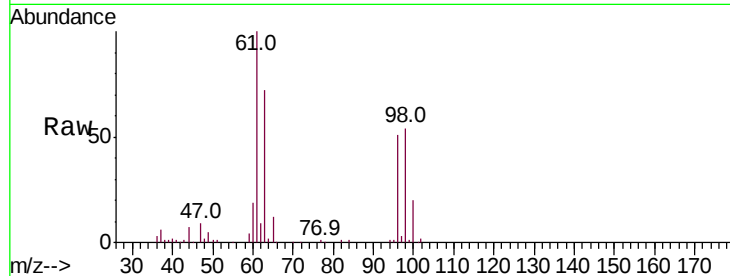
Tot Ion: 96 Resp: 27926

Ion Ratio Lower Upper

96 100

61 194.4 131.8 244.8

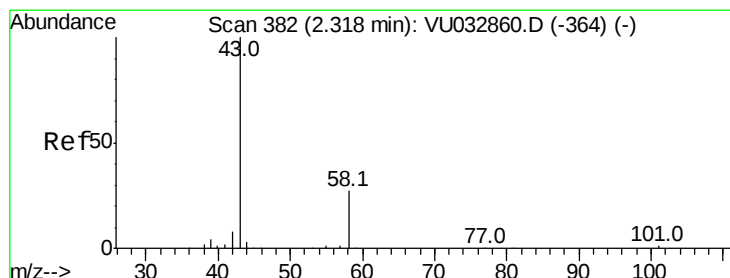
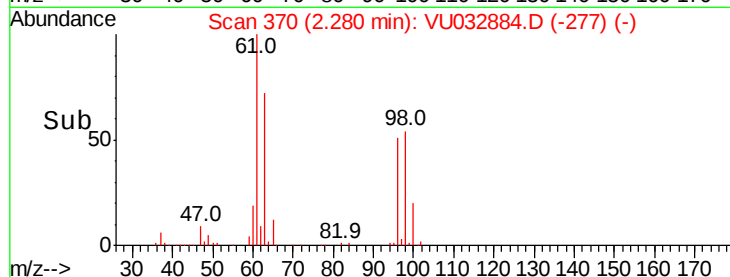
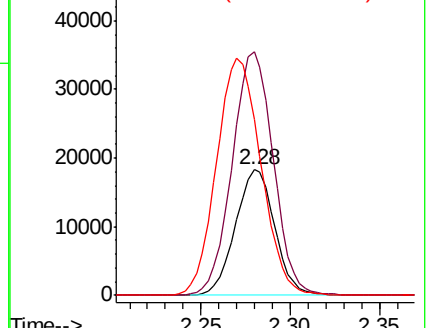
63 140.8 90.1 167.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 8.311 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032884.D

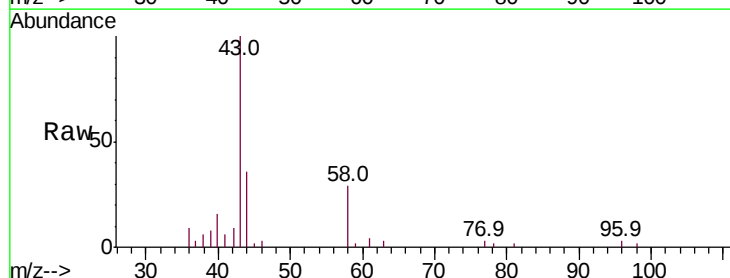
Acq: 20 Jun 2019 01:43

Tgt Ion: 43 Resp: 10358

Ion Ratio Lower Upper

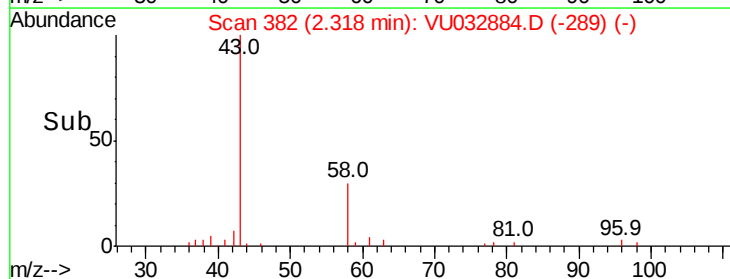
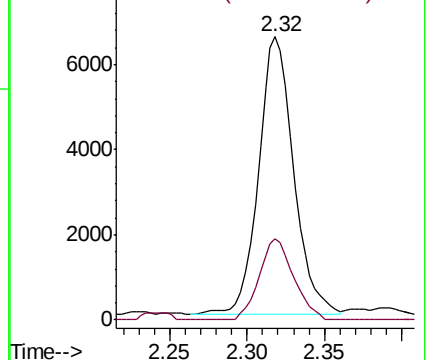
43 100

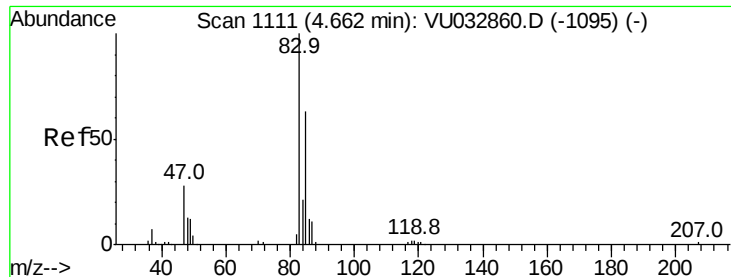
58 28.5 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#25

Chloroform

Concen: 1.766 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032884.D

Acq: 20 Jun 2019 01:43

Instrument :

MSVOA_U

ClientSampleId :

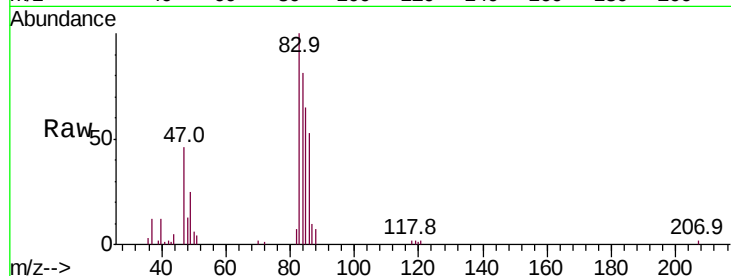
GALL9MSD

Tot Ion: 83 Resp: 19589

Ion Ratio Lower Upper

83 100

85 65.4 43.8 81.3



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

Ion 85.00 (84.70 to 85.70): VU032860.D (-1095) (-)

4.67

8000

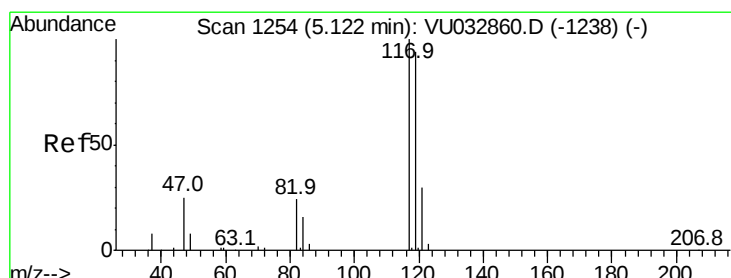
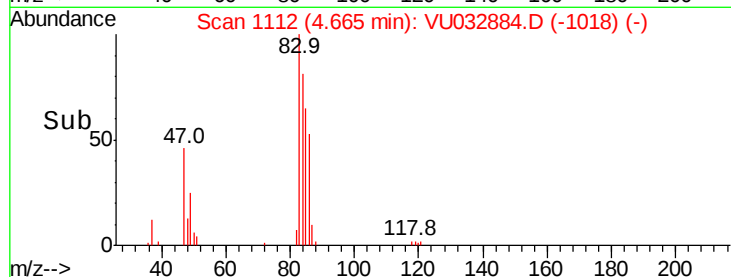
6000

4000

2000

0

Time-->



#31

Carbon tetrachloride

Concen: 516.778 ug/L

RT: 5.13 min Scan# 1255

Delta R.T. 0.00 min

Lab File: VU032884.D

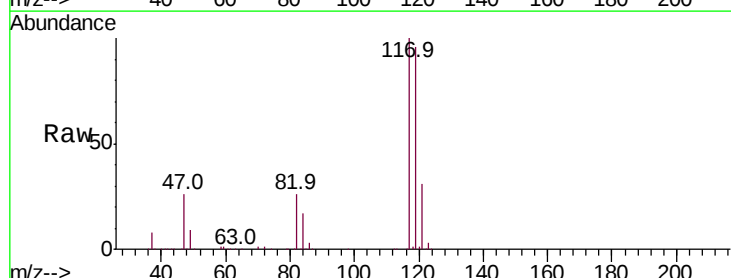
Acq: 20 Jun 2019 01:43

Tgt Ion: 117 Resp: 5031486

Ion Ratio Lower Upper

117 100

119 96.3 77.8 116.6



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

Ion 118.90 (118.60 to 119.60): VU032860.D (-1238) (-)

5.13

2500000

2000000

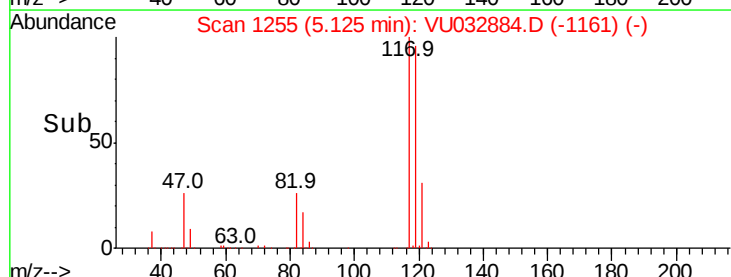
1500000

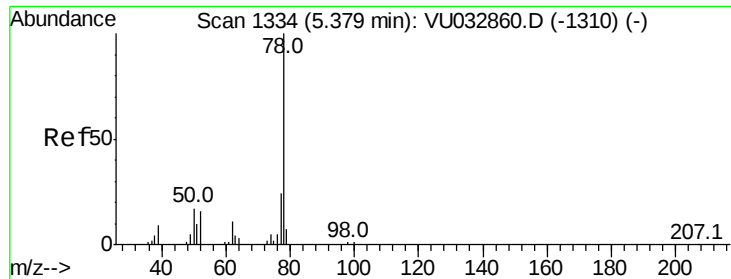
1000000

500000

0

Time-->





#33

Benzene

Concen: 5.003 ug/L

RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VU032884.D

Acq: 20 Jun 2019 01:43

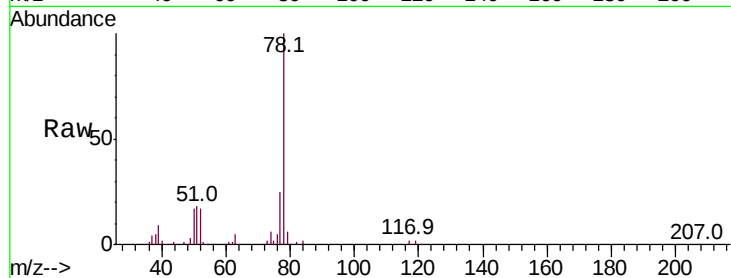
Instrument :

MSVOA_U

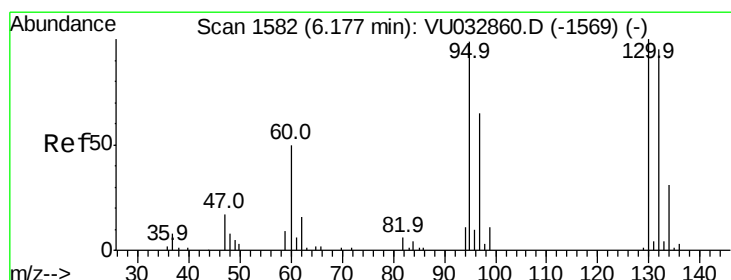
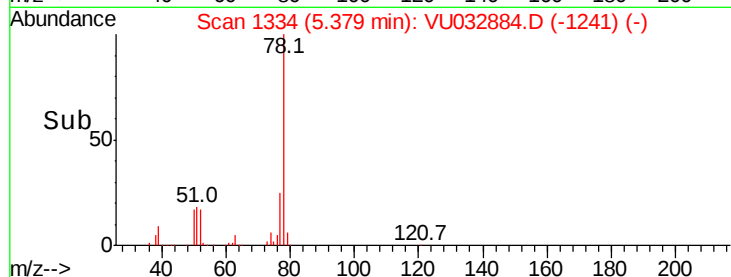
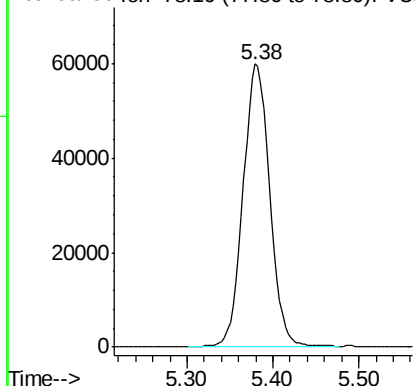
ClientSampleId :

GALL9MSD

Tgt Ion: 78 Resp: 129616



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.645 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032884.D

Acq: 20 Jun 2019 01:43

Tgt Ion: 95 Resp: 34619

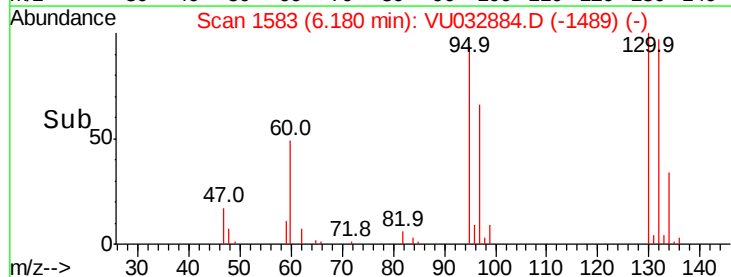
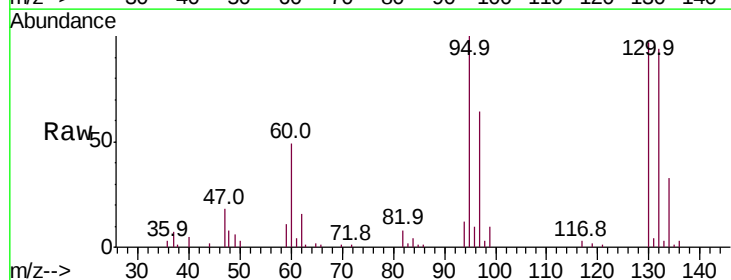
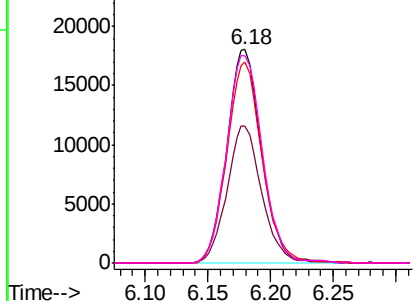
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.1	81.9
132	94.0	68.8	127.8
130	97.3	71.0	131.8

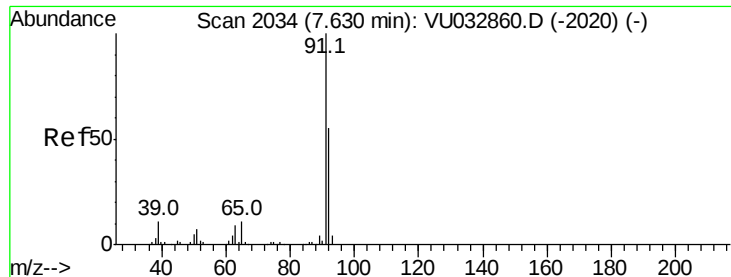
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#42

Toluene

Concen: 5.037 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032884.D

Acq: 20 Jun 2019 01:43

Instrument :

MSVOA_U

ClientSampleId :

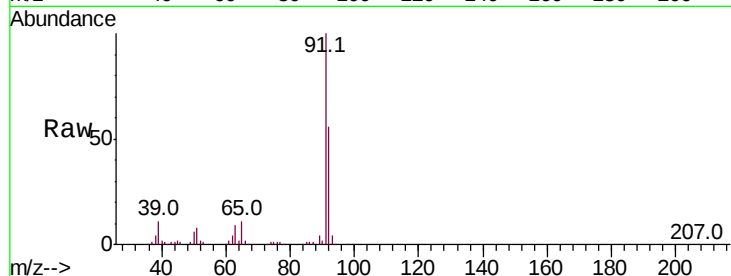
GALL9MSD

Tot Ion: 91 Resp: 145461

Ion Ratio Lower Upper

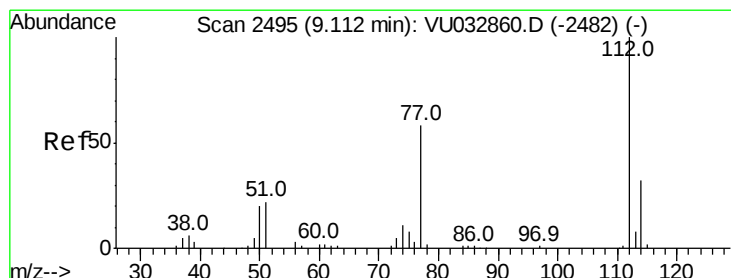
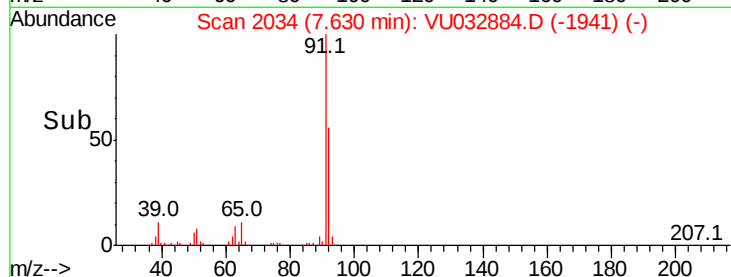
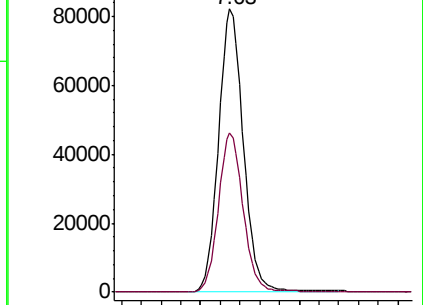
91 100

92 56.1 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU032860.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU032860.D (-2020) (-)



#51

Chlorobenzene

Concen: 5.235 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU032884.D

Acq: 20 Jun 2019 01:43

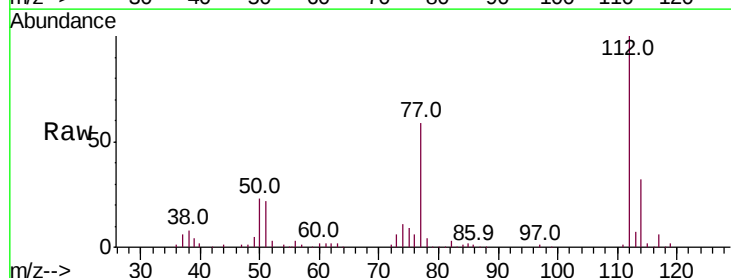
Tgt Ion: 112 Resp: 94785

Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 59.5 46.5 69.7



Abundance Ion 112.10 (111.80 to 112.80): VU032860.D (-2482) (-)

Ion 114.05 (113.75 to 114.75): VU032860.D (-2482) (-)

Ion 77.10 (76.80 to 77.80): VU032860.D (-2482) (-)

