

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 09:01:21 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

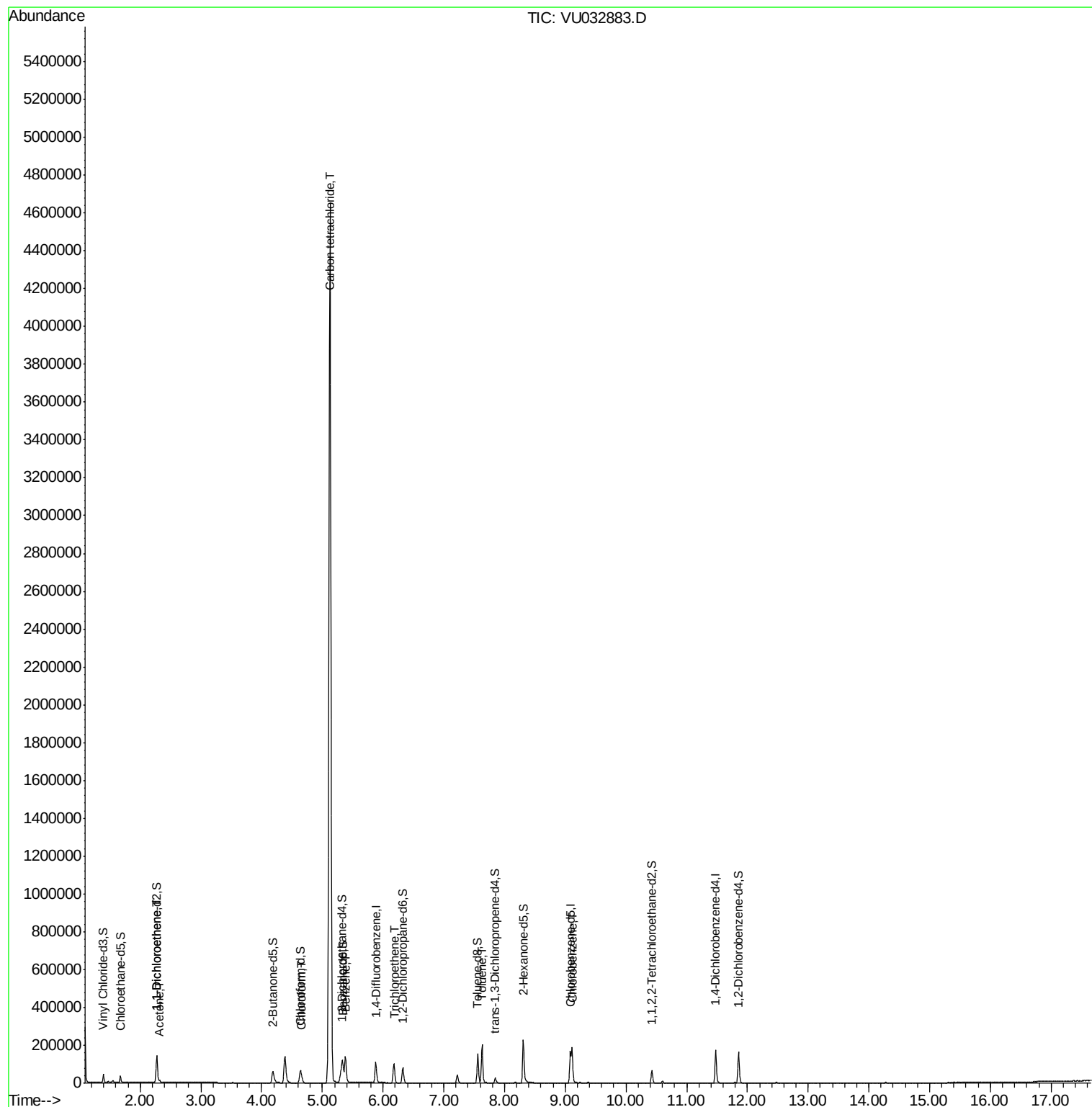
					Ovalue
12) 1,1-Dichloroethene	2.28	96	27144	4.935 ug/L	94
13) Acetone	2.32	43	8851	7.260 ug/L	94
25) Chloroform	4.67	83	11775	1.085 ug/L	98
31) Carbon tetrachloride	5.13	117	3218797	339.778 ug/L	99
33) Benzene	5.38	78	126559	5.020 ug/L	100
34) Trichloroethene	6.18	95	34164	4.711 ug/L	96
42) Toluene	7.63	91	139885	4.979 ug/L	100
51) Chlorobenzene	9.12	112	91651	5.203 ug/L	98

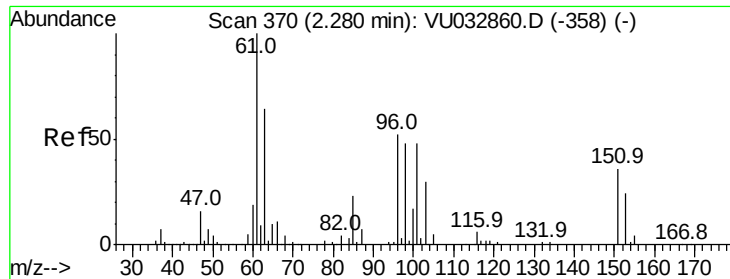
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

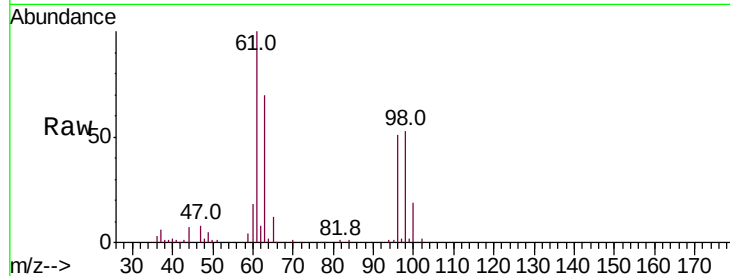
Tot Ion: 96 Resp: 27144

Ion Ratio Lower Upper

96 100

61 196.5 131.8 244.8

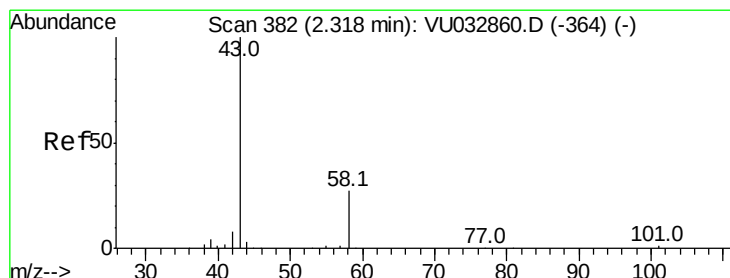
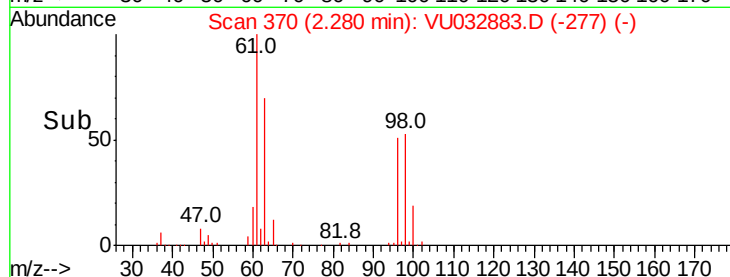
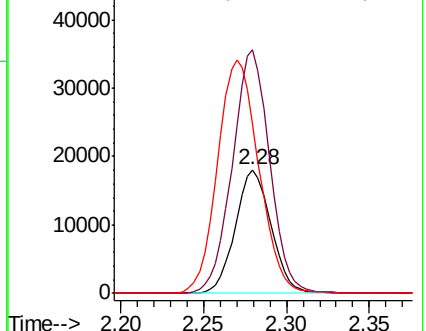
63 137.1 90.1 167.3



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: 7.260 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

Lab File: VU032883.D

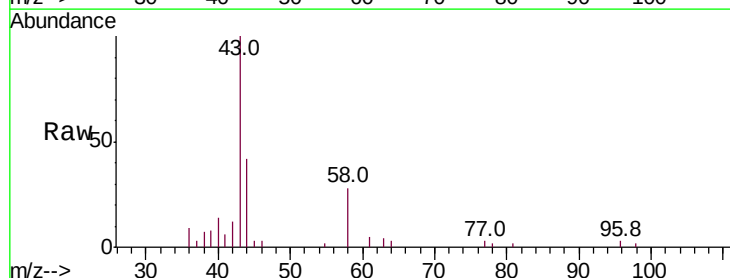
Acq: 20 Jun 2019 01:19

Tgt Ion: 43 Resp: 8851

Ion Ratio Lower Upper

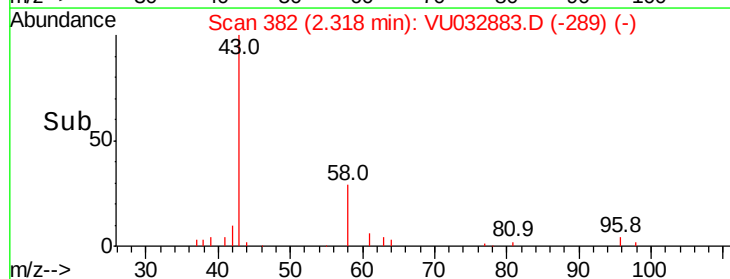
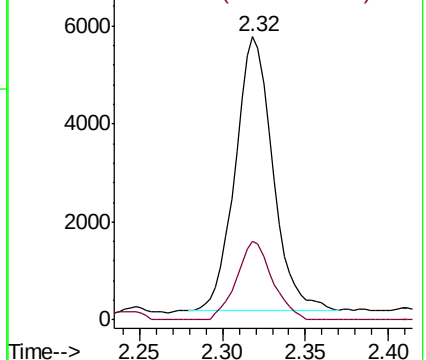
43 100

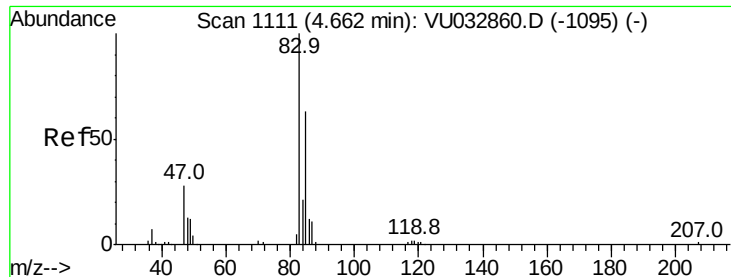
58 27.3 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

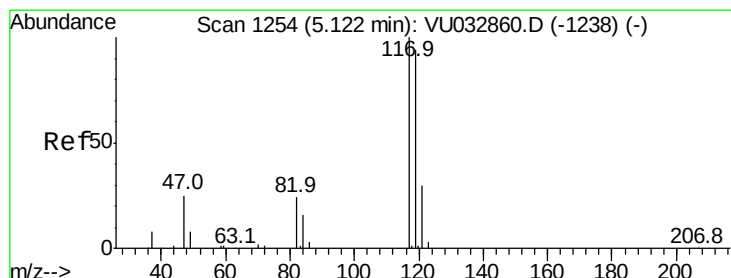
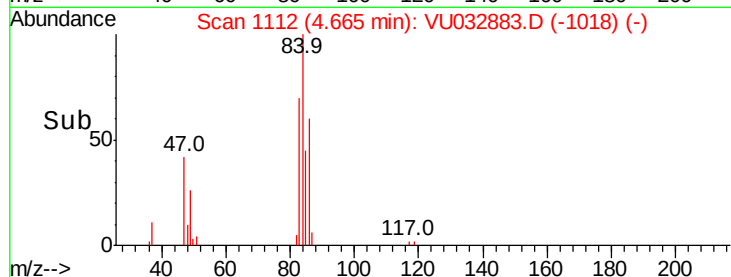
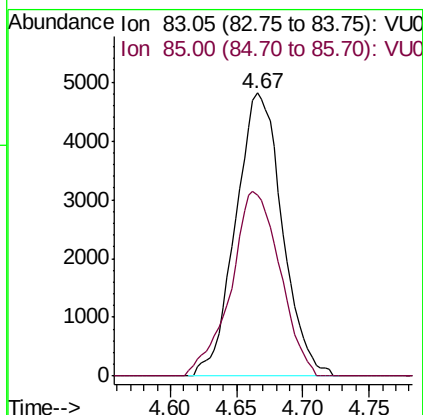
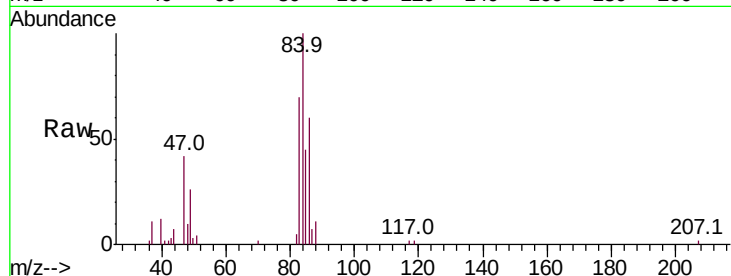




#25
Chloroform
Concen: 1.085 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU032883.D
Acq: 20 Jun 2019 01:19

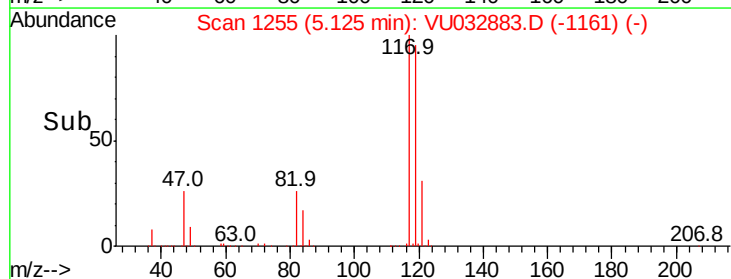
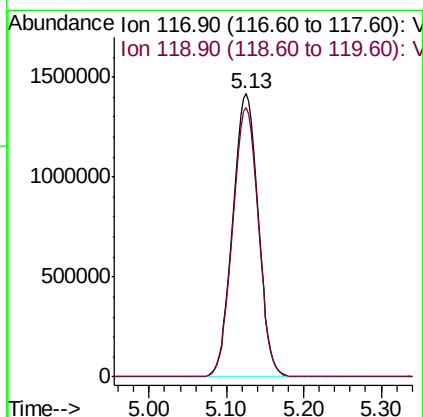
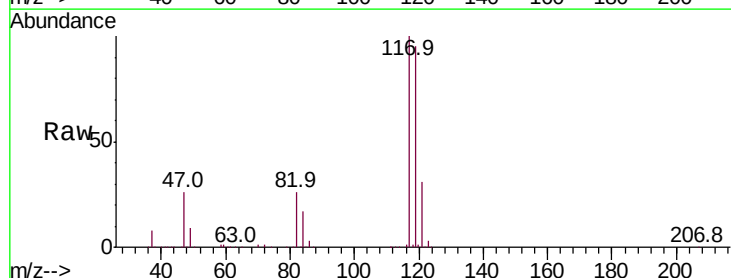
Instrument :
MSVOA_U
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GALL9MS

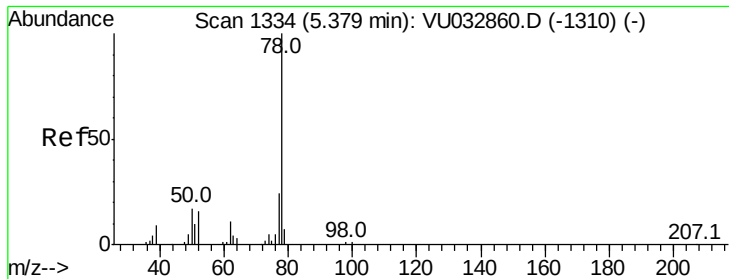
Tot Ion: 83 Resp: 11775
Ion Ratio Lower Upper
83 100
85 64.1 43.8 81.3



#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





#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

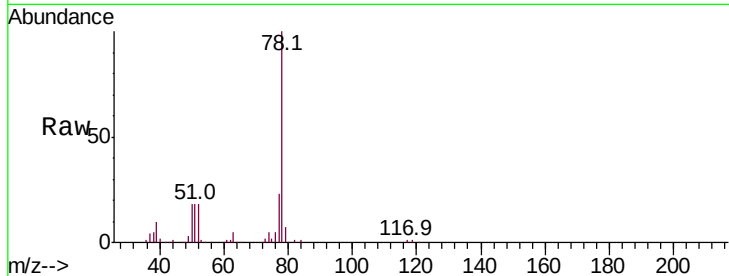
Instrument :

MSVOA_U

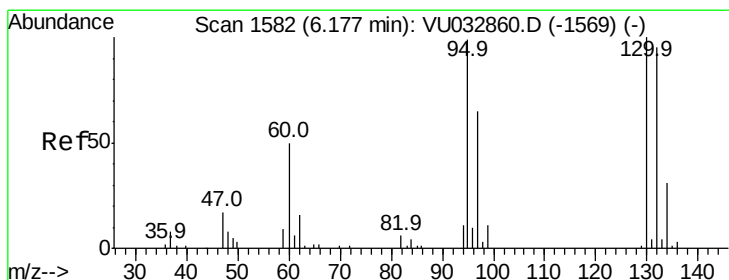
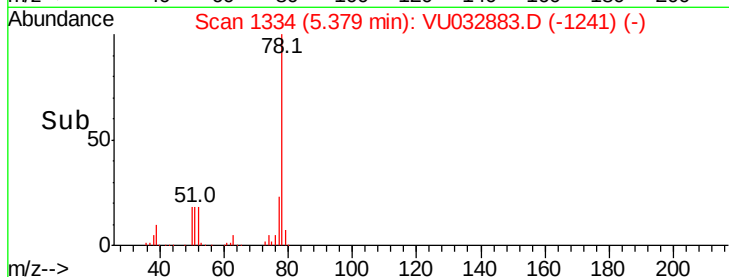
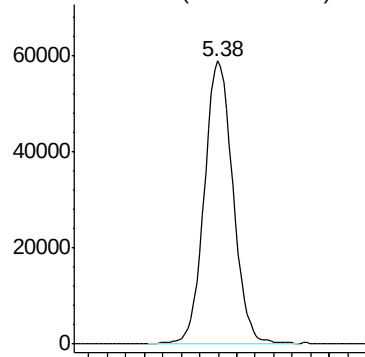
ClientSampleId :

GALL9MS

Tgt Ion: 78 Resp: 126559



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.711 ug/L

RT: 6.18 min Scan# 1582

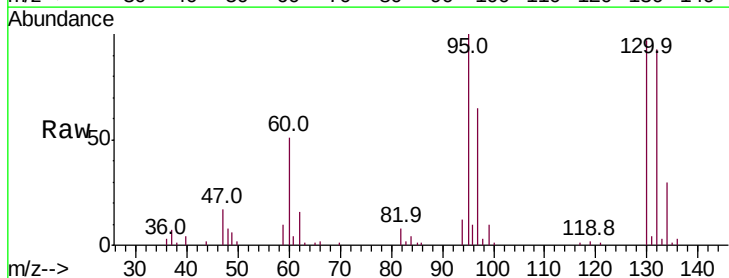
Delta R.T. -0.00 min

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

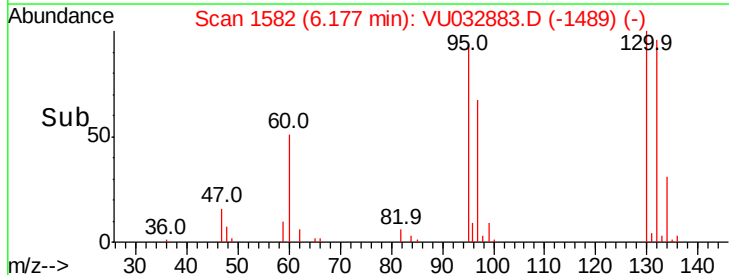
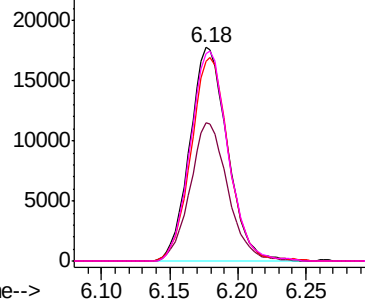


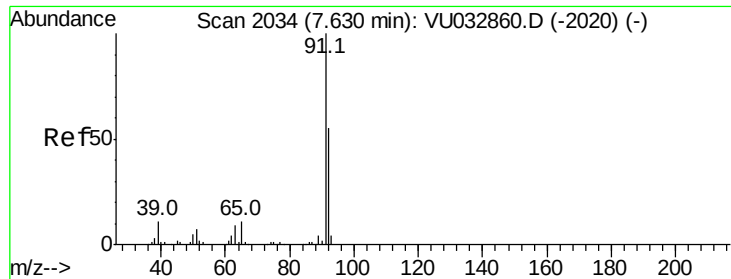
Abundance Ion 95.00 (94.70 to 95.70): VU0

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





#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 :

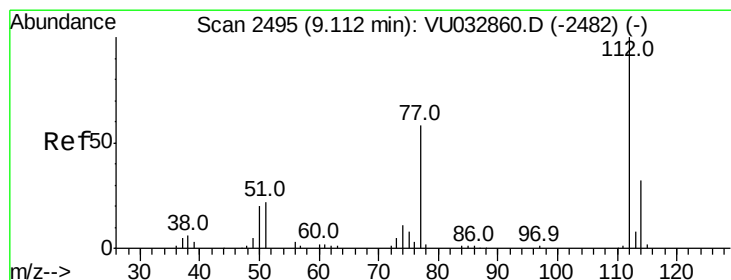
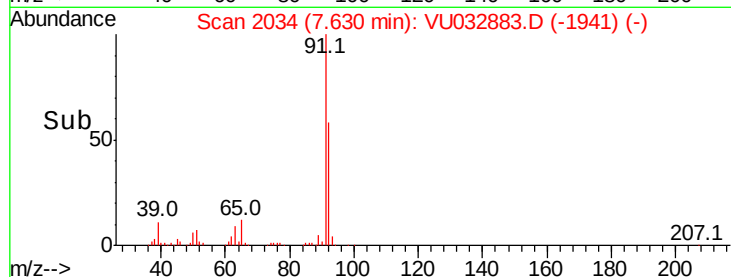
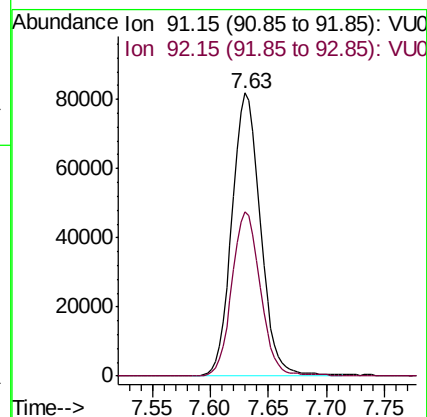
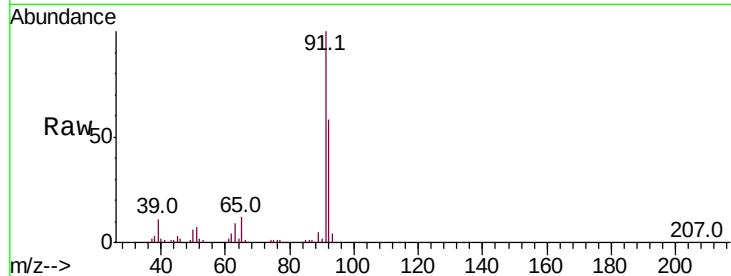
GALL9MS

Tot Ion: 91 Resp: 139885

Ion Ratio Lower Upper

91 100

92 58.1 40.9 75.9



#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

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

