

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029433.D
 Acq On : 12 Feb 2019 20:30
 Operator : JC/SP
 Sample : K1436-21MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESXB3MS

Quant Time: Feb 13 13:54:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 03:26:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	201089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	187478	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	99016	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61081	4.52	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.40%
7) Chloroethane-d5	1.68	69	57783	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	136468	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.00%
20) 2-Butanone-d5	4.20	46	155005	55.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.36%
24) Chloroform-d	4.65	84	89217	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
26) 1,2-Dichloroethane-d4	5.31	65	57108	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.34	84	221554	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.33	67	66043	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	210562	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.85	79	25667	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.31	63	152046	55.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	58872	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	89980	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

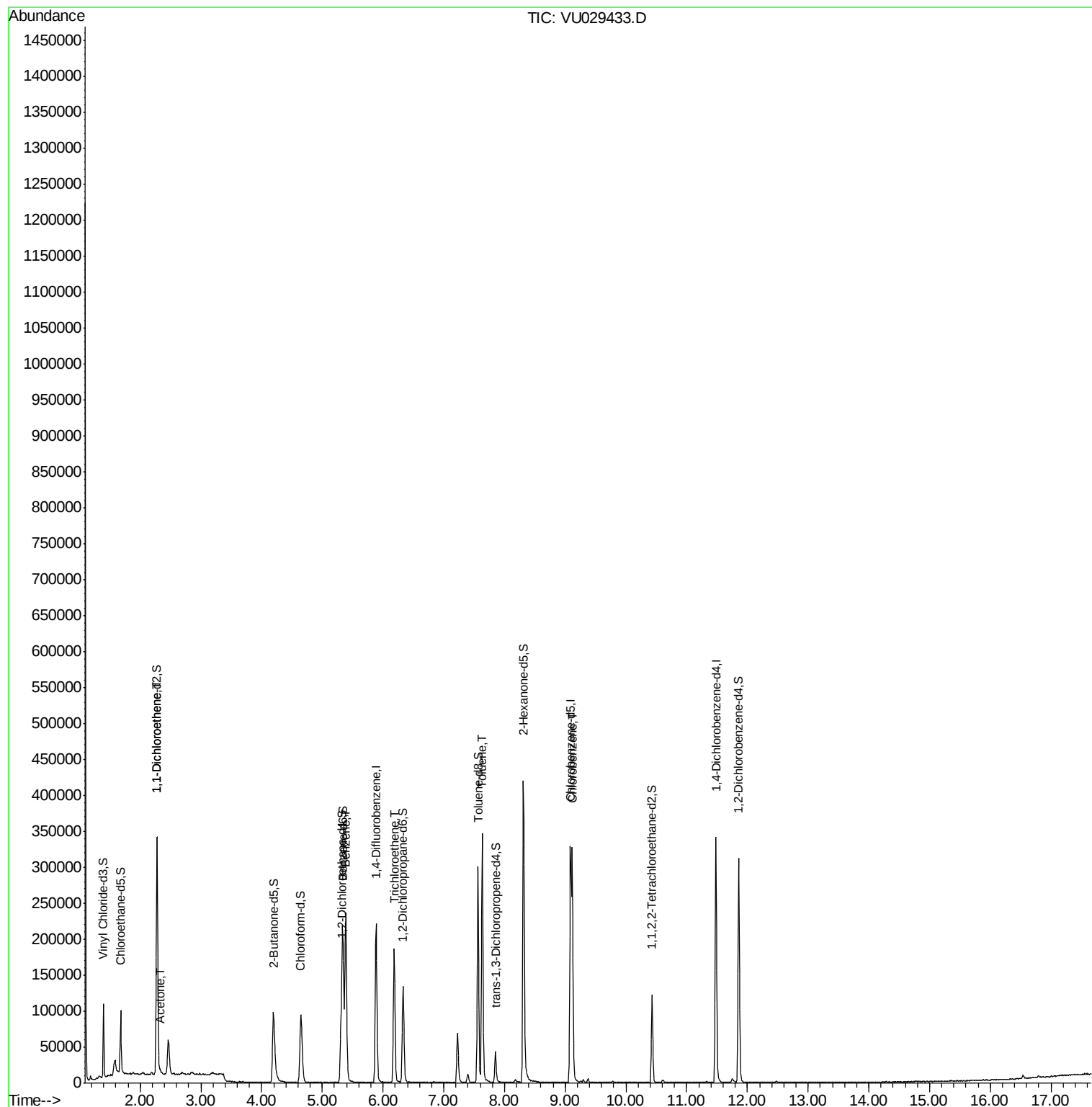
					Ovalue
12) 1,1-Dichloroethene	2.28	96	69151	4.179 ug/L	97
13) Acetone	2.33	43	5619	2.202 ug/L	95
33) Benzene	5.39	78	238148	4.316 ug/L	100
34) Trichloroethene	6.18	95	64051	4.128 ug/L	96
42) Toluene	7.63	91	267531	4.319 ug/L	98
51) Chlorobenzene	9.12	112	181401	4.259 ug/L	98

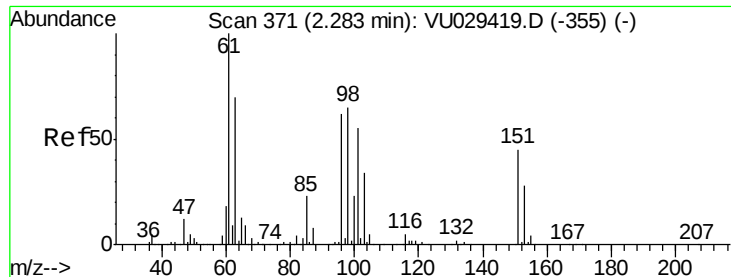
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.179 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

ESXB3MS

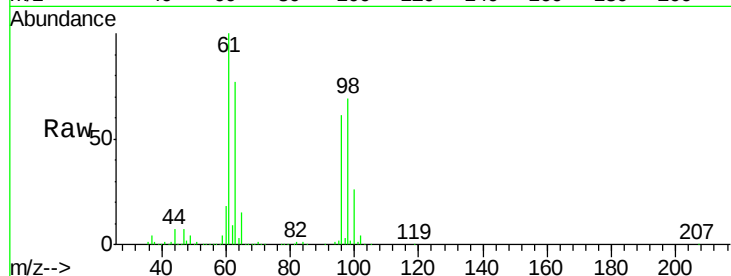
Tot Ion: 96 Resp: 69151

Ion Ratio Lower Upper

96 100

61 163.8 115.1 213.7

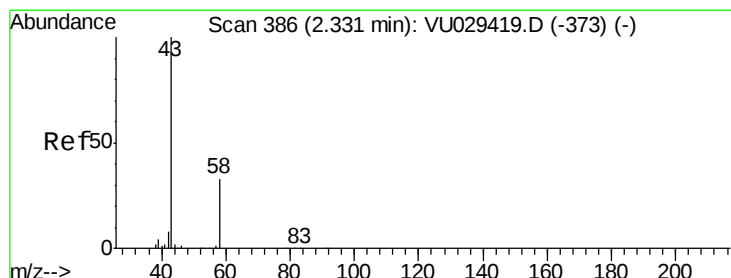
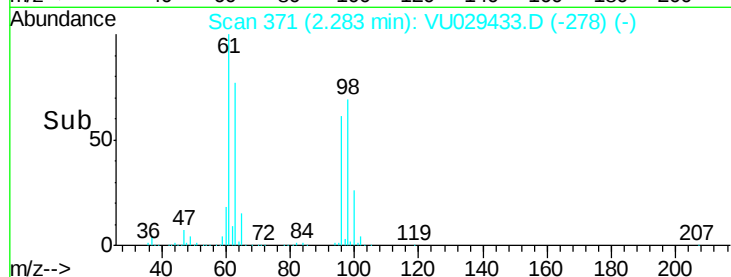
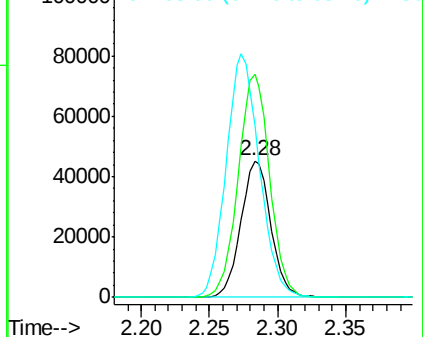
63 125.7 83.5 155.1



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: 2.202 ug/L

RT: 2.33 min Scan# 385

Delta R.T. -0.00 min

Lab File: VU029433.D

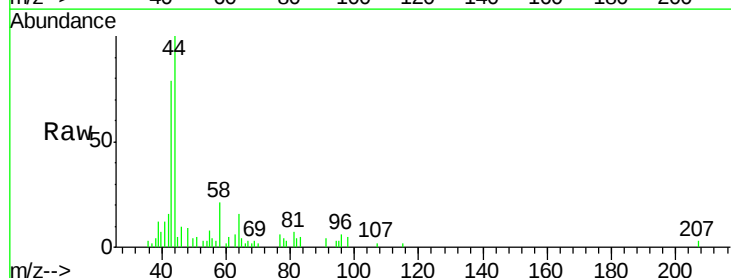
Acq: 12 Feb 2019 20:30

Tgt Ion: 43 Resp: 5619

Ion Ratio Lower Upper

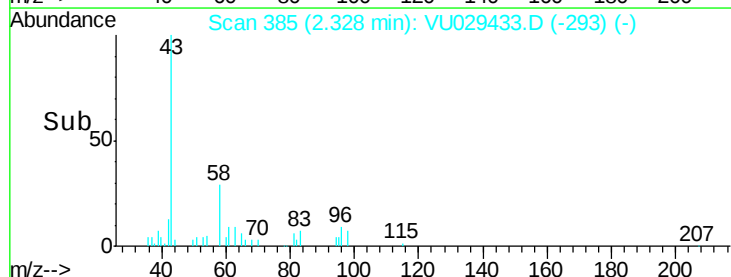
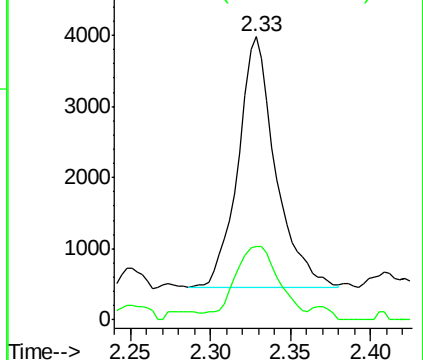
43 100

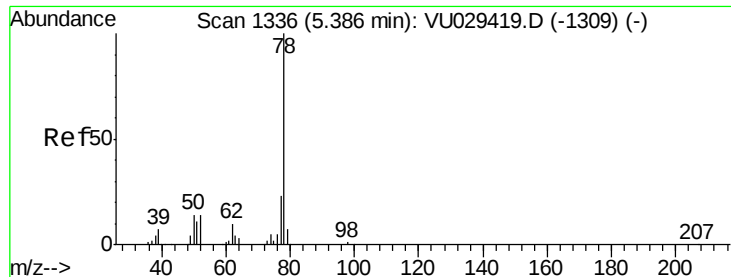
58 35.5 0.0 65.0



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





#33

Benzene

Concen: 4.316 ug/L

RT: 5.39 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

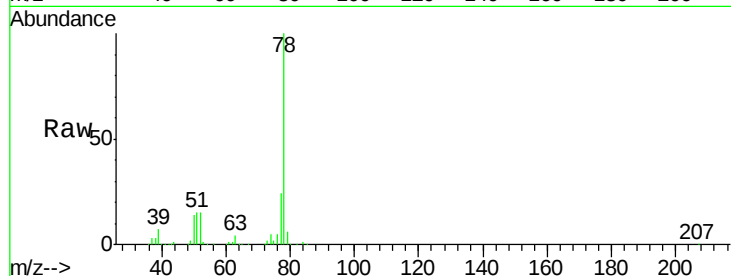
Instrument :

MSVOA_U

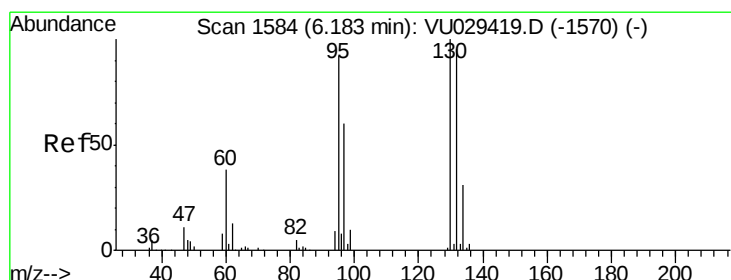
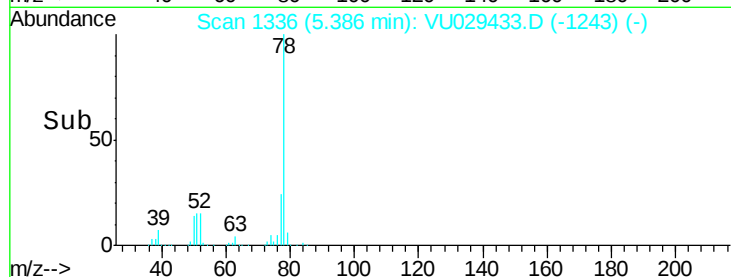
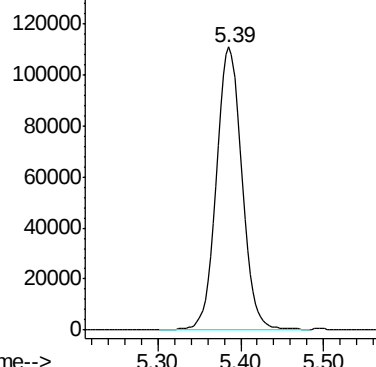
ClientSampleId :

ESXB3MS

Tgt Ion: 78 Resp: 238148



Abundance Ion 78.10 (77.80 to 78.80): VU0



#34

Trichloroethene

Concen: 4.128 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Tgt Ion: 95 Resp: 64051

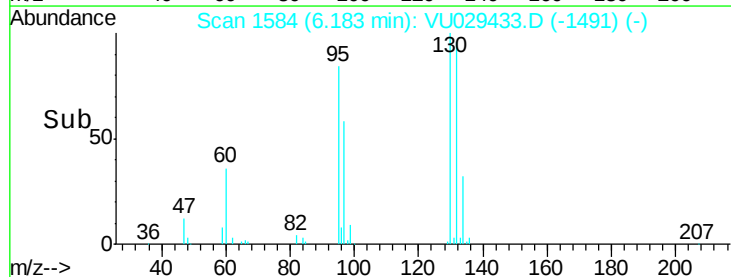
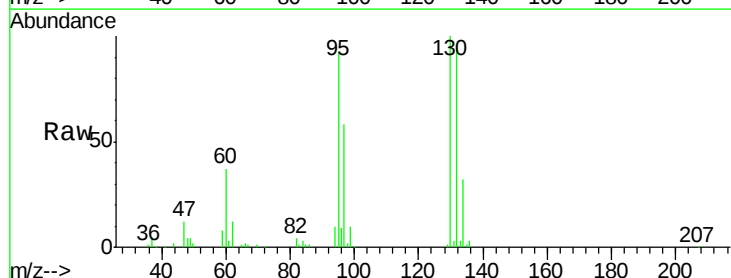
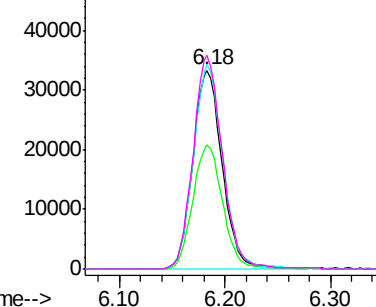
Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.3	86.1
132	102.9	72.9	135.3
130	107.6	79.2	147.0

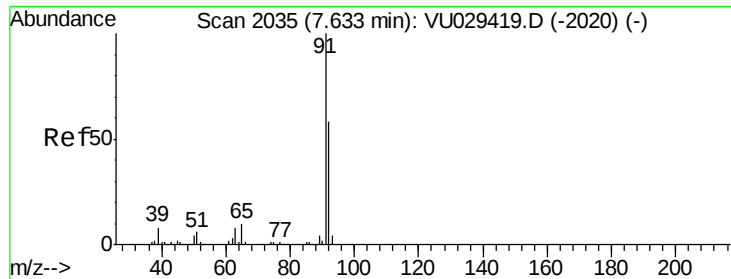
Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 4.319 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Instrument :

MSVOA_U

ClientSampleId :

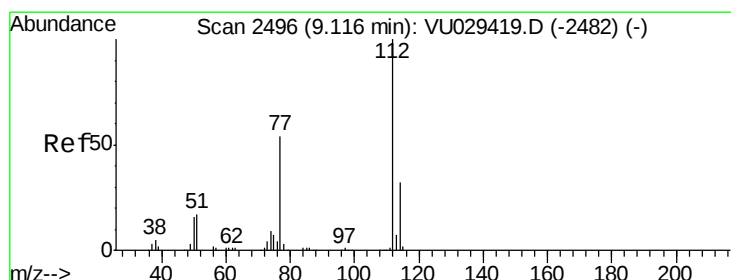
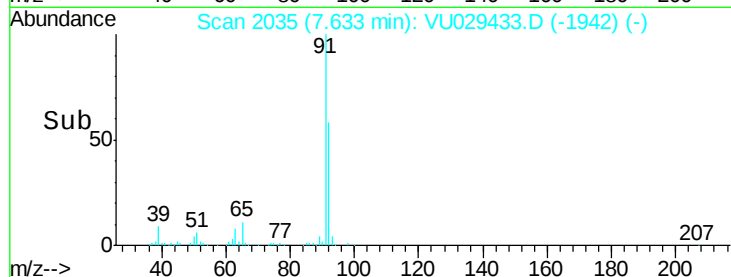
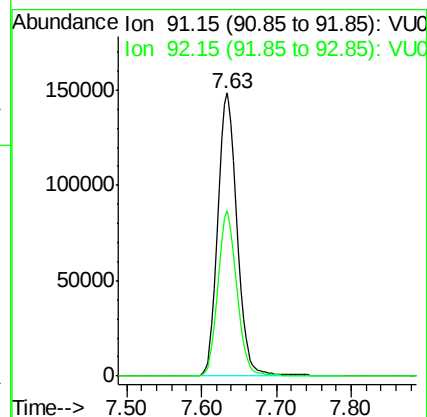
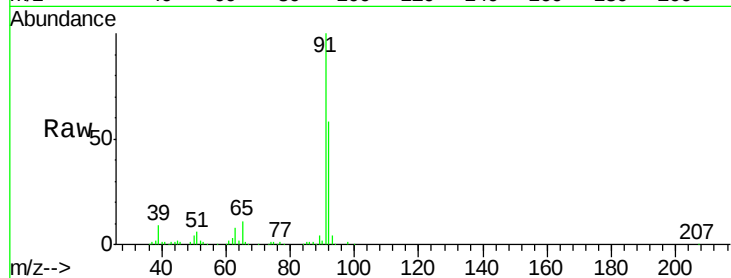
ESXB3MS

Tot Ion: 91 Resp: 267531

Ion Ratio Lower Upper

91 100

92 58.5 39.8 73.8



#51

Chlorobenzene

Concen: 4.259 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU029433.D

Acq: 12 Feb 2019 20:30

Tgt Ion: 112 Resp: 181401

Ion Ratio Lower Upper

112 100

114 32.2 22.9 42.5

77 54.4 41.8 62.6

