

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041319\
 Data File : VU031168.D
 Acq On : 13 Apr 2019 19:45
 Operator : JC/SP
 Sample : K2353-04MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ60MSD

Quant Time: Apr 13 22:32:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 13 22:25:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	496211	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	480220	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	187673	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	197114	44.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.00%
7) Chloroethane-d5	1.67	69	156182	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.92%
11) 1,1-Dichloroethene-d2	2.27	63	344220	42.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.92%
21) 2-Butanone-d5	4.17	46	349160	99.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.46%
24) Chloroform-d	4.64	84	335336	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
26) 1,2-Dichloroethane-d4	5.31	65	223071	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
32) Benzene-d6	5.33	84	672601	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
36) 1,2-Dichloropropane-d6	6.32	67	228841	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.26%
41) Toluene-d8	7.56	98	578148	46.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.06%
43) trans-1,3-Dichloropropene-	7.85	79	100192	45.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.46%
47) 2-Hexanone-d5	8.31	63	208893	95.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.13%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	321682	49.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.28%
64) 1,2-Dichlorobenzene-d4	11.86	152	199249	53.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.96%

Target Compounds

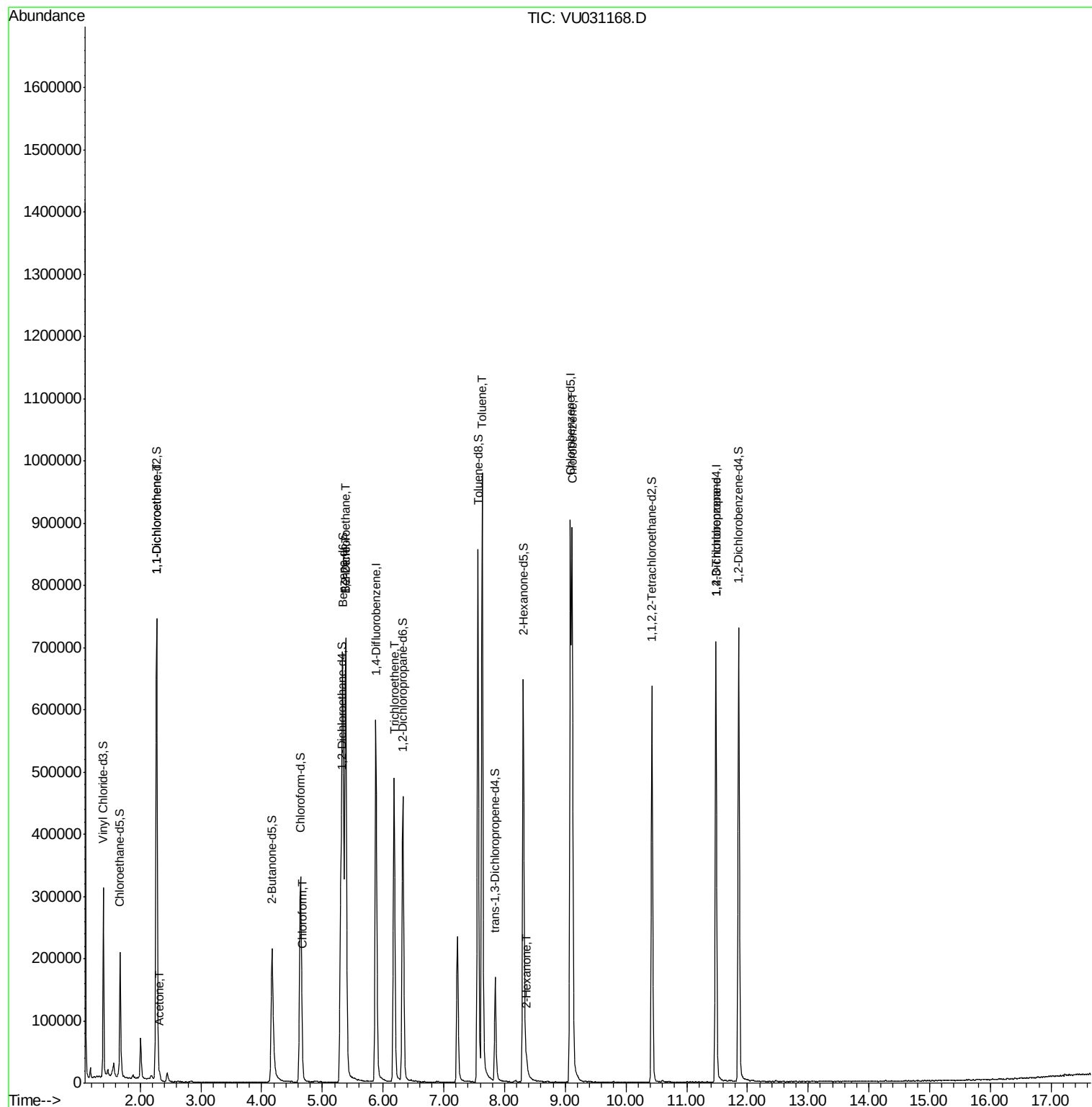
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	138003	40.233	ug/L	91
13) Acetone	2.32	43	10502	2.923	ug/L	89
25) Chloroform	4.67	83	8330	1.103	ug/L	94
27) 1,2-Dichloroethane	5.39	62	5184	0.899	ug/L #	75
33) Benzene	5.38	78	705065	44.866	ug/L	100
34) Trichloroethene	6.18	95	174659	45.315	ug/L	97
42) Toluene	7.63	91	736499	45.913	ug/L	99
48) 2-Hexanone	8.37	43	11978	2.146	ug/L #	56
51) Chlorobenzene	9.12	112	460783	46.835	ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	21704	4.072	ug/L	90

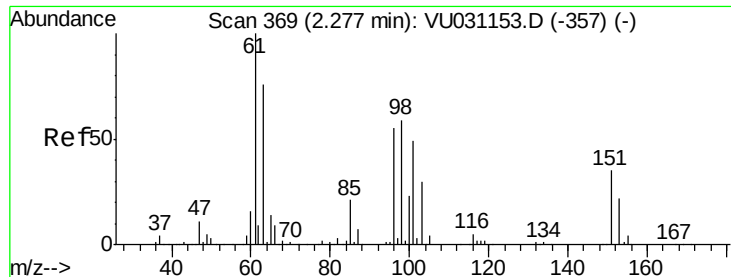
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Apr 13 22:25:59 2019
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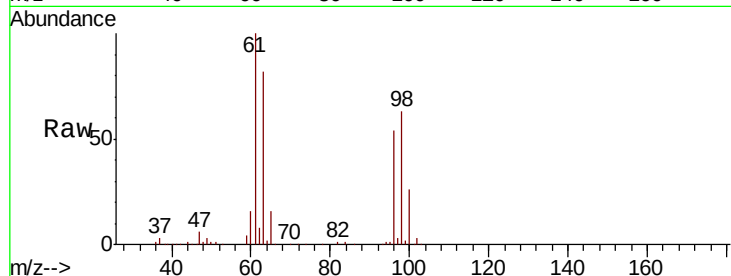




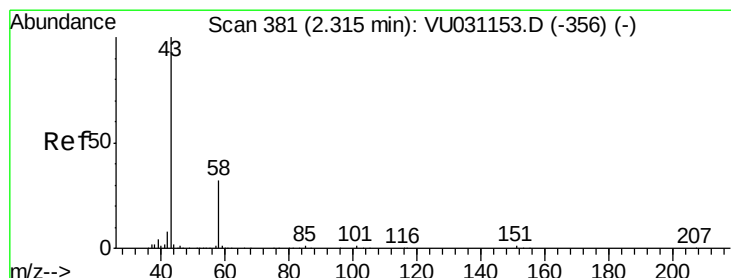
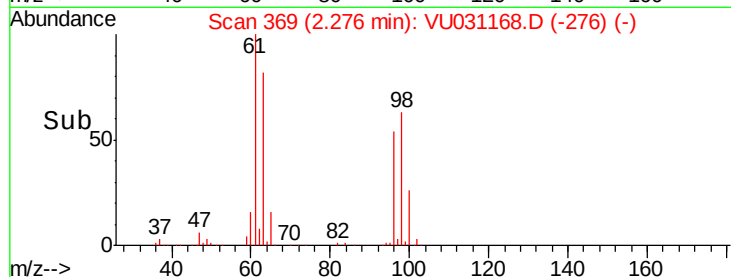
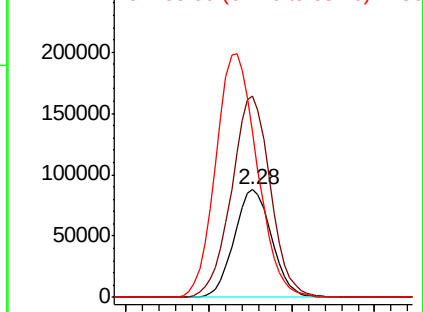
#12
 1,1-Dichloroethene
 Concen: 40.233 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU031168.D
 Acq: 13 Apr 2019 19:45

Instrument :
 MSVOA_U
 ClientSampleId :
 ETJ60MSD

Tot Ion: 96 Resp: 138003
 Ion Ratio Lower Upper
 96 100
 61 186.5 132.0 245.2
 63 152.9 90.9 168.9

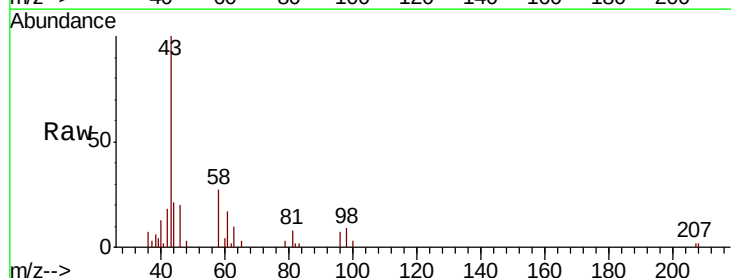


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 63.00 (62.70 to 63.70): VU0

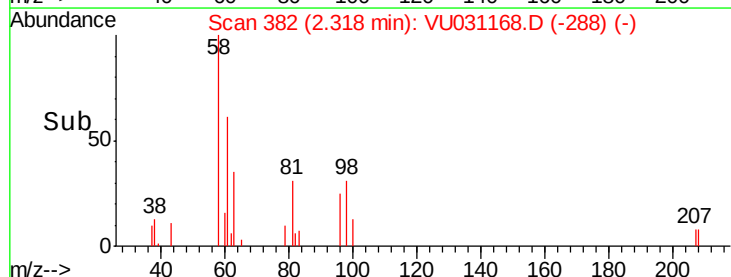
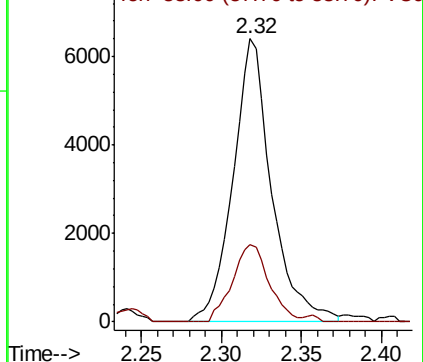


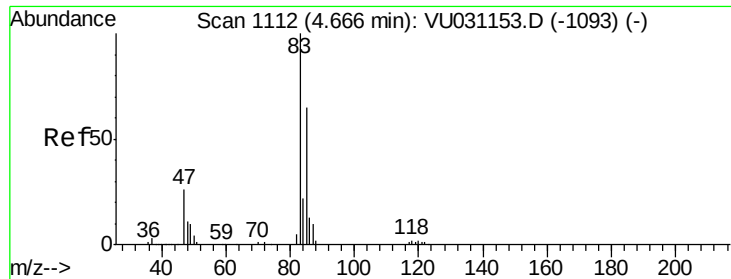
#13
 Acetone
 Concen: 2.923 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU031168.D
 Acq: 13 Apr 2019 19:45

Tgt Ion: 43 Resp: 10502
 Ion Ratio Lower Upper
 43 100
 58 26.0 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 58.00 (57.70 to 58.70): VU0

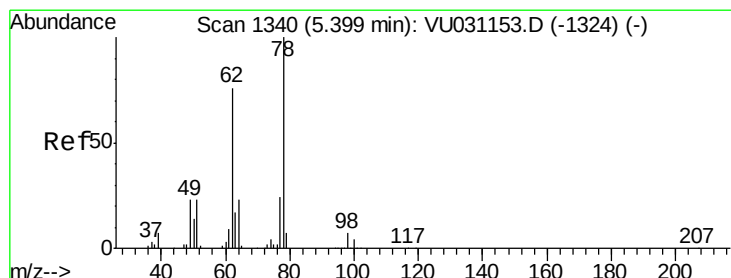
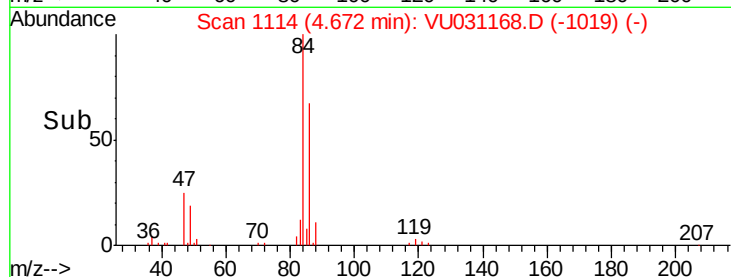
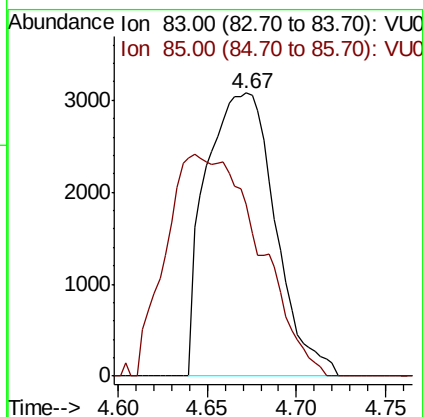
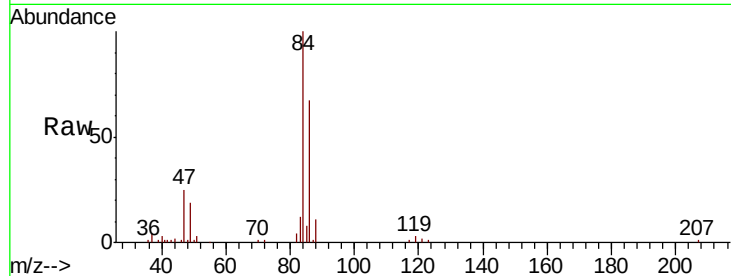




#25
Chloroform
Concen: 1.103 ug/L
RT: 4.67 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU031168.D
Acq: 13 Apr 2019 19:45

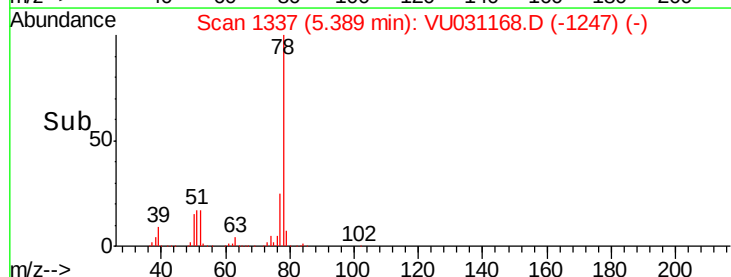
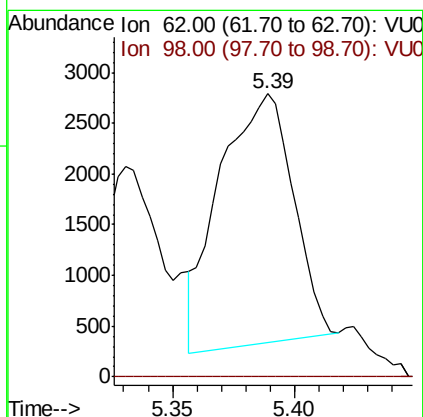
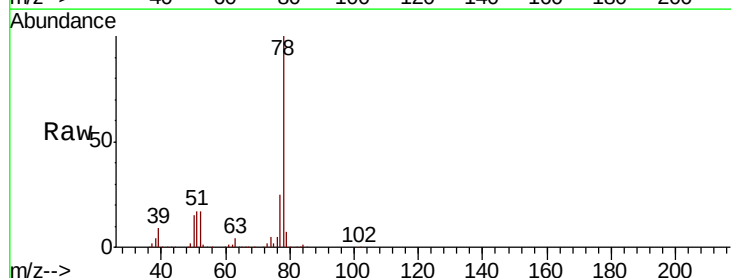
Instrument :
MSVOA_U
ClientSampleId :
ETJ60MSD

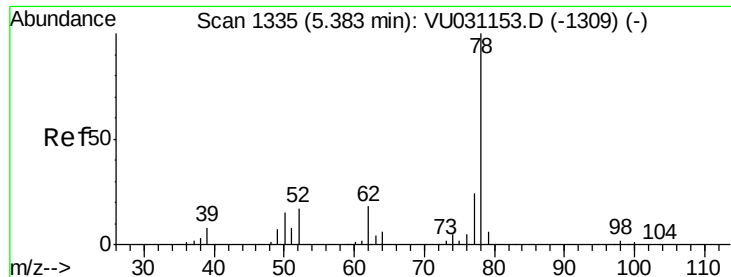
Tot Ion: 83 Resp: 8330
Ion Ratio Lower Upper
83 100
85 60.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 0.899 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. -0.01 min
Lab File: VU031168.D
Acq: 13 Apr 2019 19:45

Tgt Ion: 62 Resp: 5184
Ion Ratio Lower Upper
62 100
98 0.0 7.2 10.8#





#33

Benzene

Concen: 44.866 ug/L

RT: 5.38 min Scan# 1335

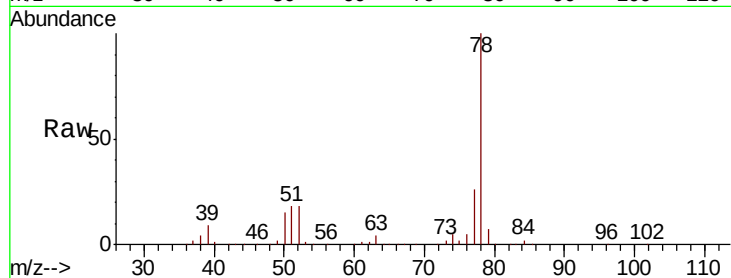
Delta R.T. -0.00 min

Lab File: VU031168.D

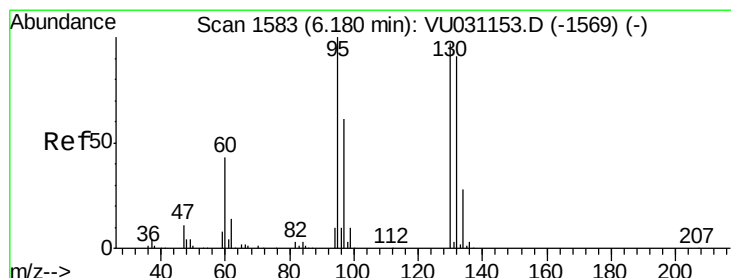
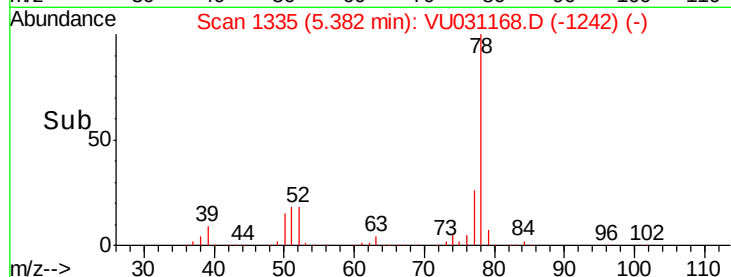
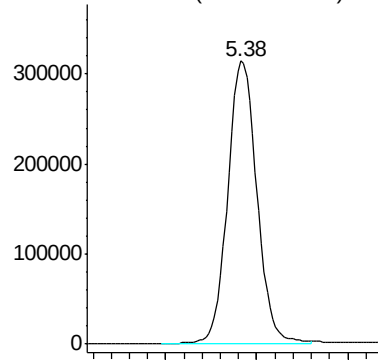
Acq: 13 Apr 2019 19:45

Instrument :
MSVOA_U
ClientSampled :
ETJ60MSD

Tgt Ion: 78 Resp: 705065



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 45.315 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU031168.D

Acq: 13 Apr 2019 19:45

Tgt Ion: 95 Resp: 174659

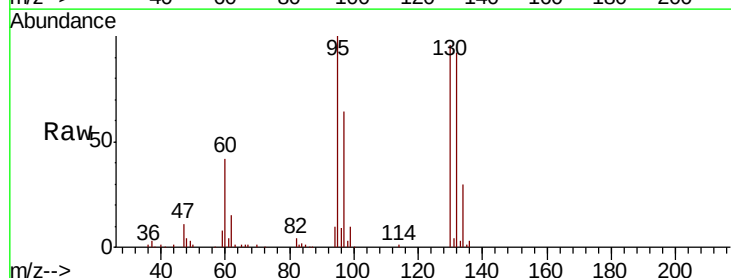
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.5	82.7
132	92.0	61.5	114.1
130	96.1	64.9	120.5

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



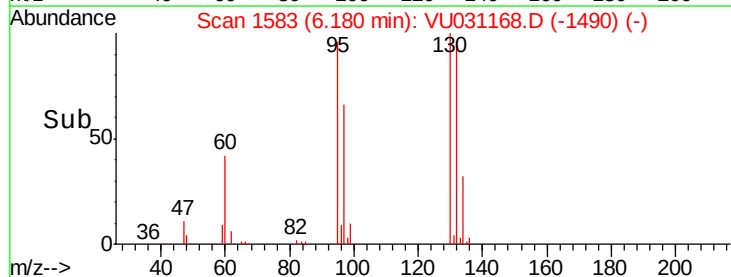
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



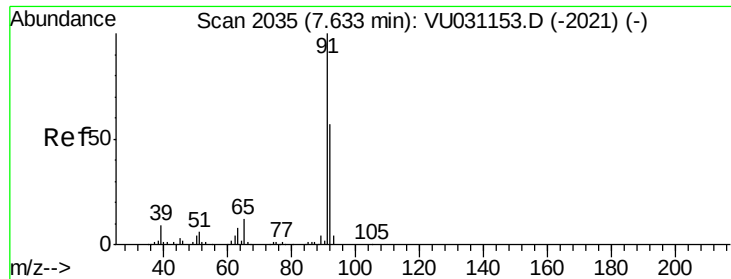
Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

Time-->



#42

Toluene

Concen: 45.913 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VU031168.D

Acq: 13 Apr 2019 19:45

Instrument :

MSVOA_U

ClientSampleId :

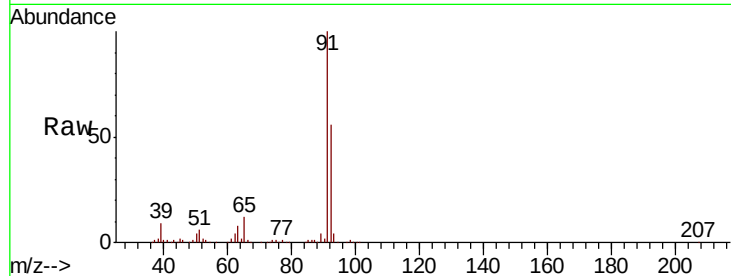
ETJ60MSD

Tot Ion: 91 Resp: 736499

Ion Ratio Lower Upper

91 100

92 56.3 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU031153.D (-2021) (-)

Ion 92.00 (91.70 to 92.70): VU031153.D (-2021) (-)

7.63

400000

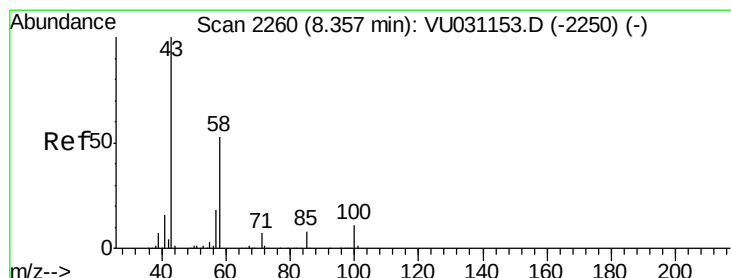
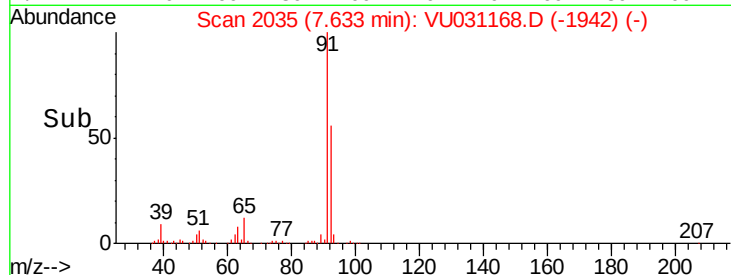
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#48

2-Hexanone

Concen: 2.146 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.01 min

Lab File: VU031168.D

Acq: 13 Apr 2019 19:45

Tgt Ion: 43 Resp: 11978

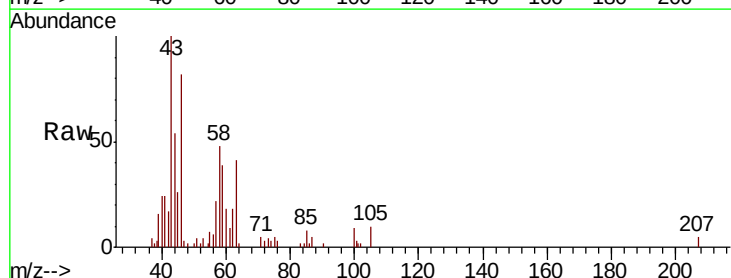
Ion Ratio Lower Upper

43 100

58 7.7 41.9 62.9#

57 18.7 14.3 21.5

100 3.1 7.1 10.7#



Abundance Ion 43.00 (42.70 to 43.70): VU031153.D (-2250) (-)

Ion 58.00 (57.70 to 58.70): VU031153.D (-2250) (-)

Ion 57.00 (56.70 to 57.70): VU031153.D (-2250) (-)

Ion 100.00 (99.70 to 100.70): VU031153.D (-2250) (-)

20000

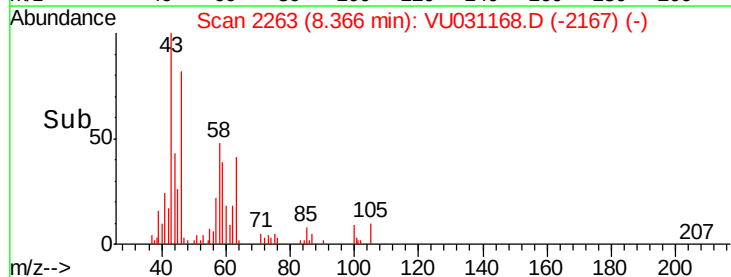
15000

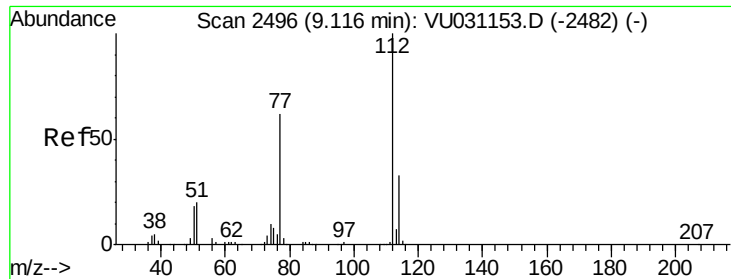
10000

5000

0

Time--> 8.35 8.40

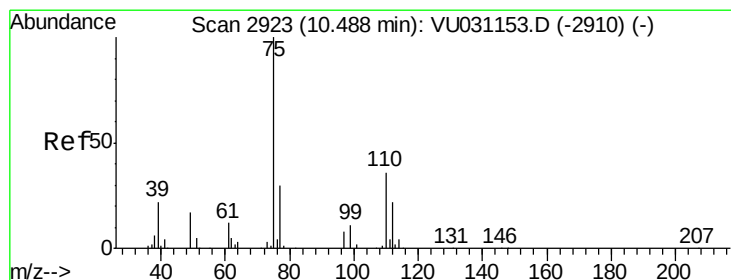
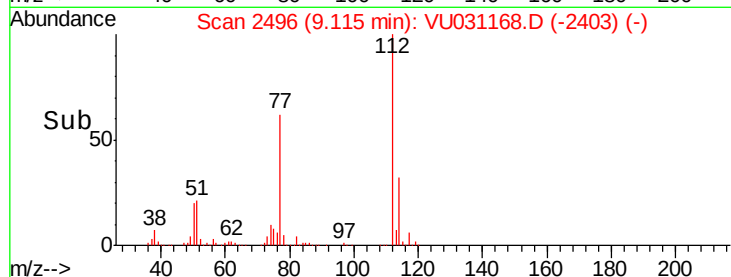
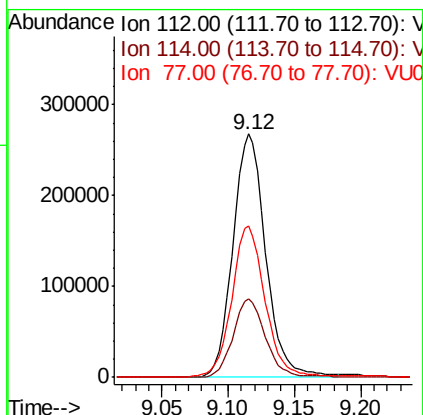
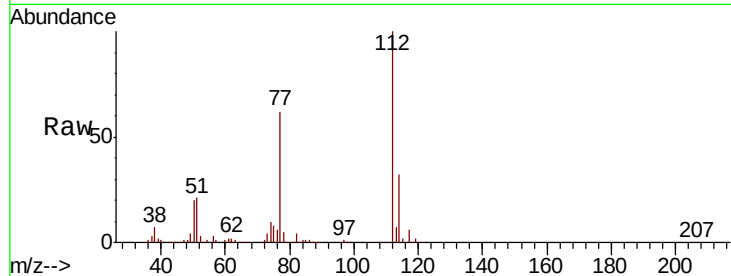




#51
Chlorobenzene
Concen: 46.835 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU031168.D
Acq: 13 Apr 2019 19:45

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Tot Ion:112 Resp: 460783
Ion Ratio Lower Upper
112 100
114 32.4 22.2 41.2
77 62.1 51.7 77.5



#59
1,2,3-Trichloropropane
Concen: 4.072 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU031168.D
Acq: 13 Apr 2019 19:45

Tgt Ion: 75 Resp: 21704
Ion Ratio Lower Upper
75 100
77 38.1 26.1 39.1

