

Data File : VU025401.D
Acq On : 13 Jul 2018 20:44
Operator : MD/SY
Sample : J3984-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB182

Quant Time: Jul 14 04:39:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM062918WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jul 13 14:43:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	324760	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	297348	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	140657	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84151	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.70%
7) Chloroethane-d5	1.68	69	66003	41.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.44%
11) 1,1-Dichloroethene-d2	2.27	63	120270	28.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.80%#
21) 2-Butanone-d5	4.17	46	154385	95.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	4.65	84	176070	42.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.68%
26) 1,2-Dichloroethane-d4	5.31	65	125233	42.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.94%
32) Benzene-d6	5.35	84	339669	41.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.26%
36) 1,2-Dichloropropane-d6	6.33	67	111014	42.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.44%
41) Toluene-d8	7.57	98	327810	41.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.14%
43) trans-1,3-Dichloropropene-	7.85	79	51565	39.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.14%
47) 2-Hexanone-d5	8.31	63	118080	99.56	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	161499	43.86	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.72%
64) 1,2-Dichlorobenzene-d4	11.86	152	133457	43.54	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.08%

Target Compounds

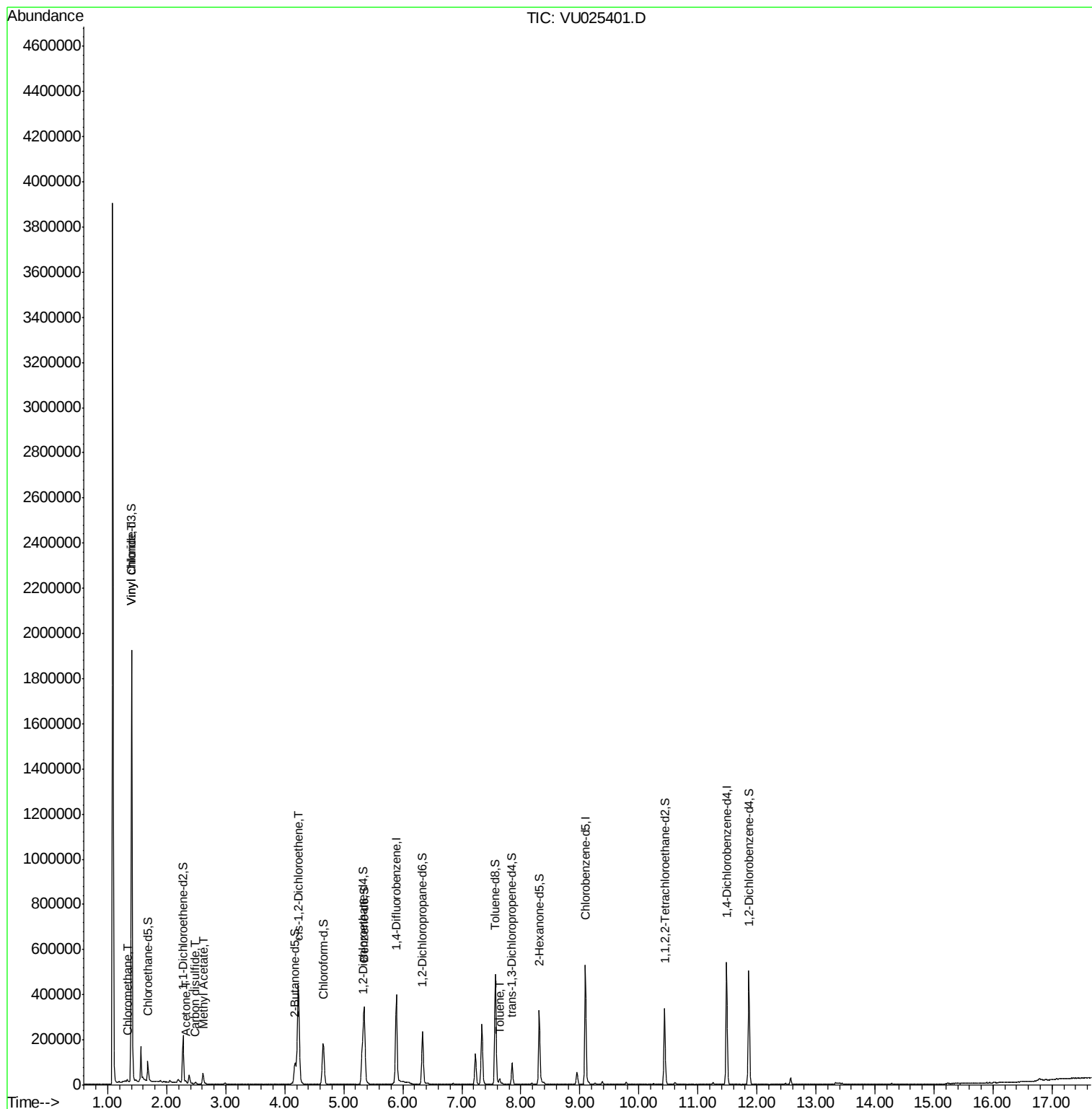
						Qvalue
3) Chloromethane	1.33	50	6486	2.665	ug/L	97
5) Vinyl chloride	1.40	62	1183330	469.817	ug/L	98
13) Acetone	2.32	43	9655	5.789	ug/L	86
14) Carbon disulfide	2.48	76	17215	2.862	ug/L	98
15) Methyl Acetate	2.61	43	53501	20.965	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	244986	98.354	ug/L	97
42) Toluene	7.64	91	14779	1.508	ug/L	95

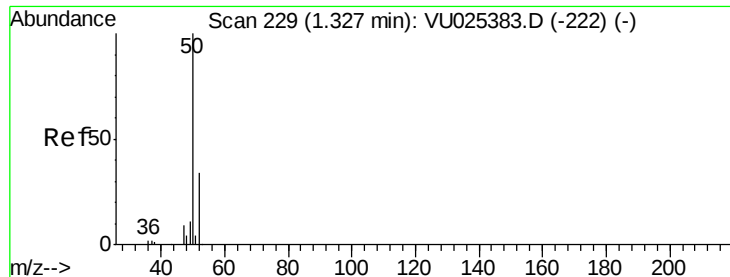
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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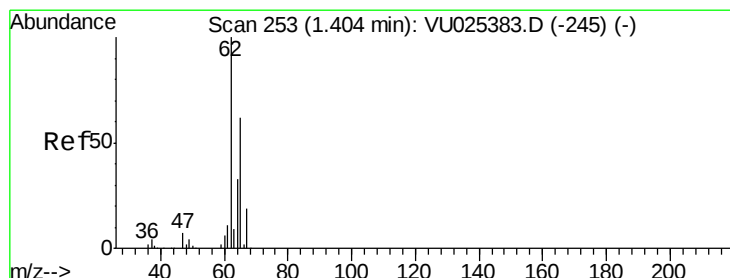
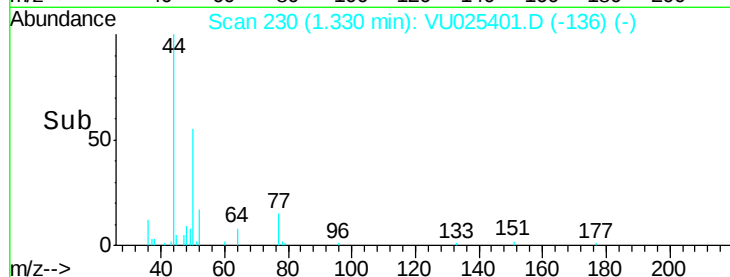
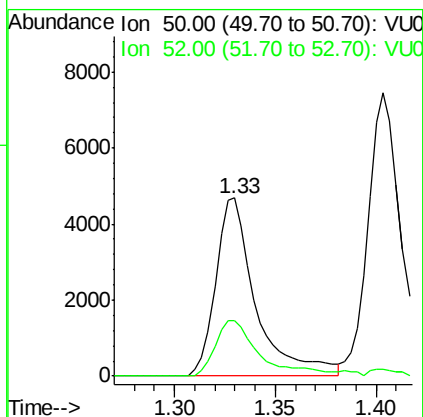
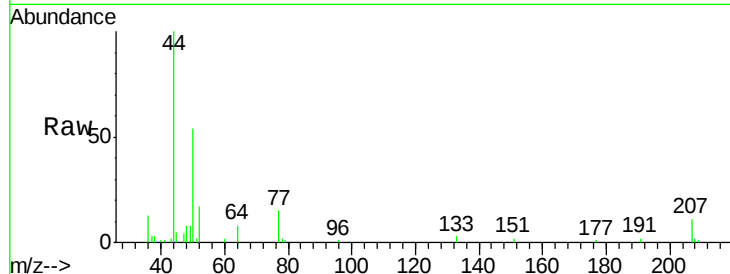




#3
 Chloromethane
 Concen: 2.665 ug/L
 RT: 1.33 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VU025401.D
 Acq: 13 Jul 2018 20:44

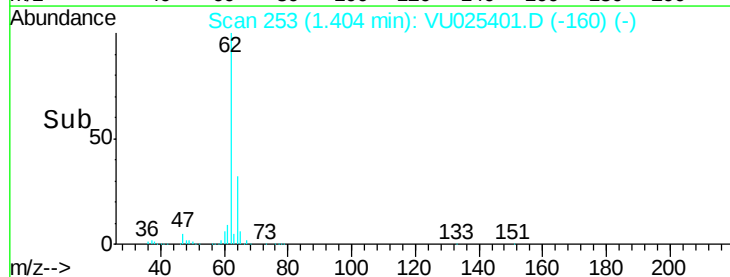
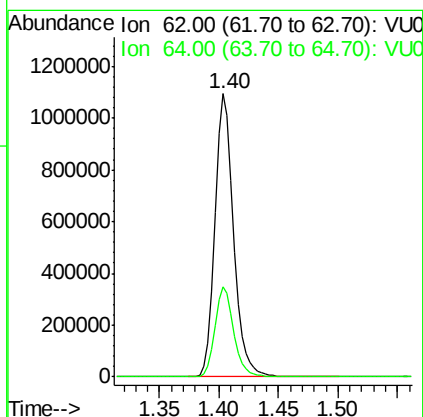
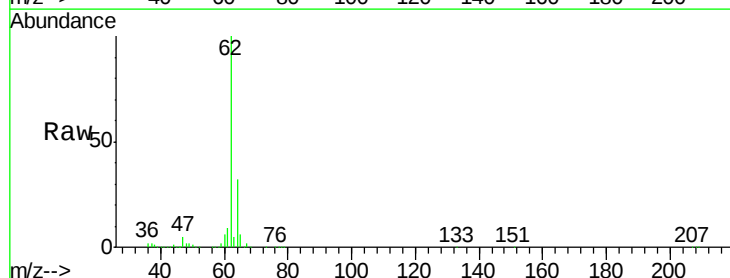
Instrument :
 MSVOA_U
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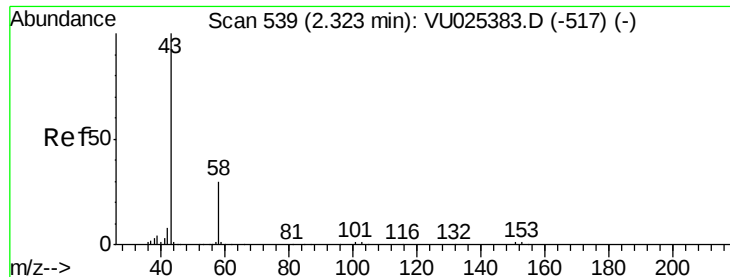
Tgt Ion: 50 Resp: 6486
 Ion Ratio Lower Upper
 50 100
 52 31.4 23.1 42.9



#5
 Vinyl chloride
 Concen: 469.817 ug/L
 RT: 1.40 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VU025401.D
 Acq: 13 Jul 2018 20:44

Tgt Ion: 62 Resp: 1183330
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.0 42.8





#13

Acetone

Concen: 5.789 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU025401.D

Acq: 13 Jul 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

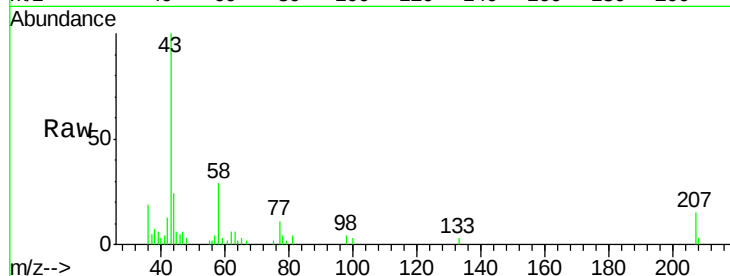
DB182

Tgt Ion: 43 Resp: 9655

Ion Ratio Lower Upper

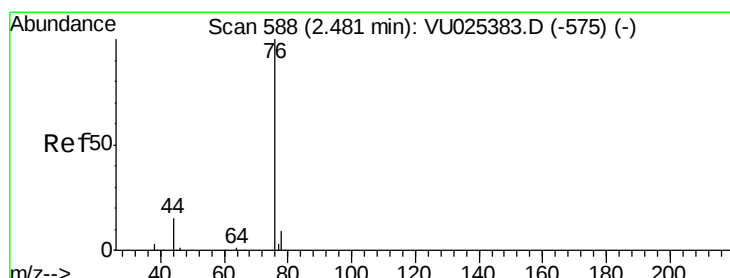
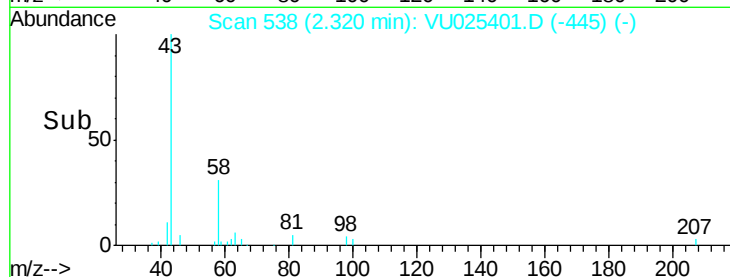
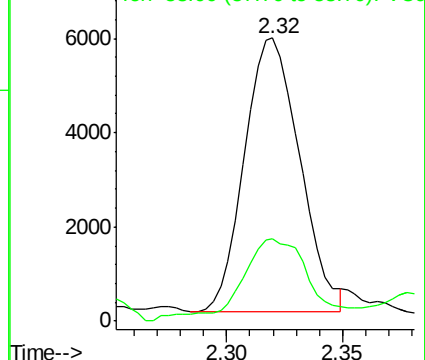
43 100

58 37.2 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#14

Carbon disulfide

Concen: 2.862 ug/L

RT: 2.48 min Scan# 589

Delta R.T. 0.00 min

Lab File: VU025401.D

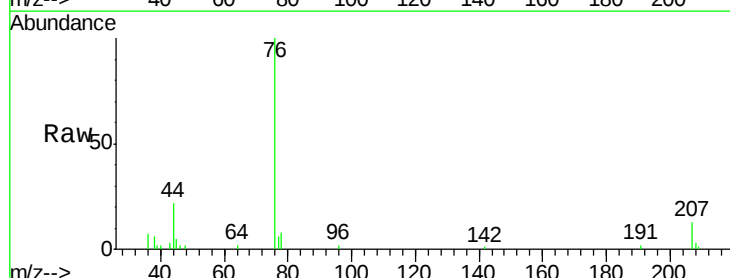
Acq: 13 Jul 2018 20:44

Tgt Ion: 76 Resp: 17215

Ion Ratio Lower Upper

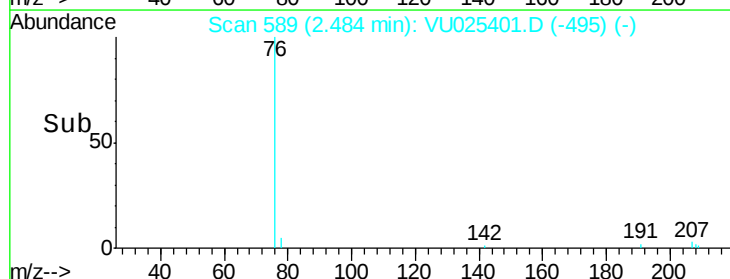
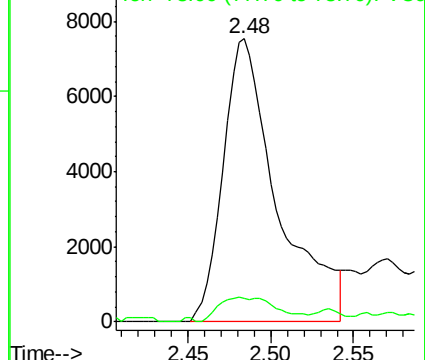
76 100

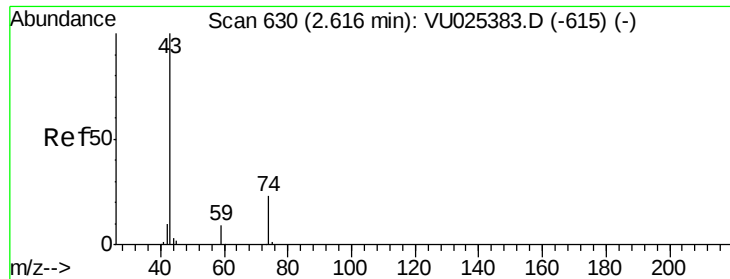
78 8.3 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VU0

Ion 78.00 (77.70 to 78.70): VU0

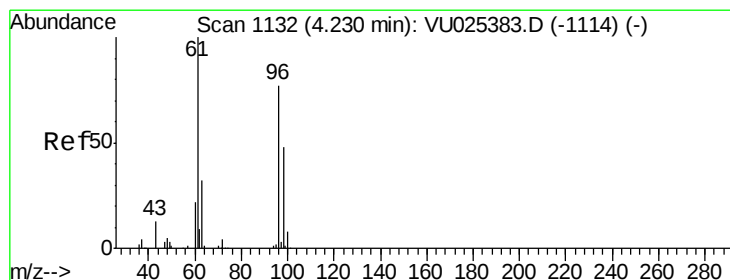
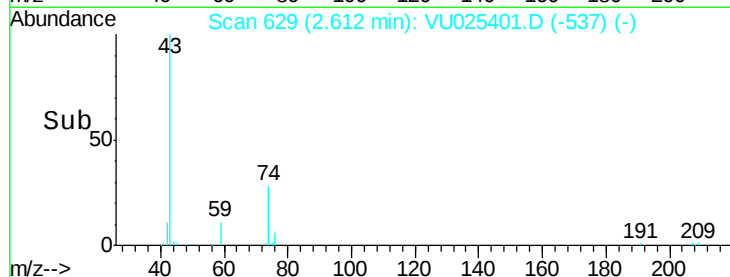
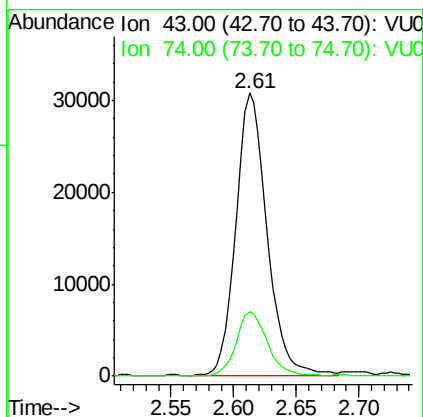
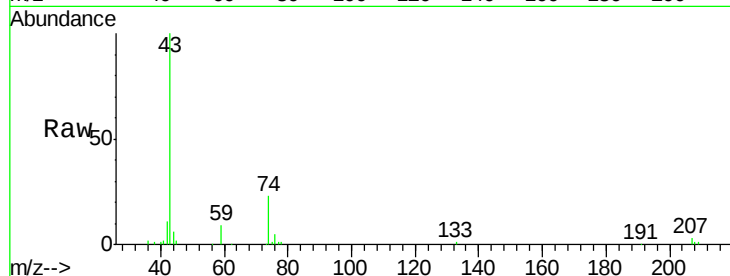




#15
Methyl Acetate
Concen: 20.965 ug/L
RT: 2.61 min Scan# 629
Delta R.T. -0.00 min
Lab File: VU025401.D
Acq: 13 Jul 2018 20:44

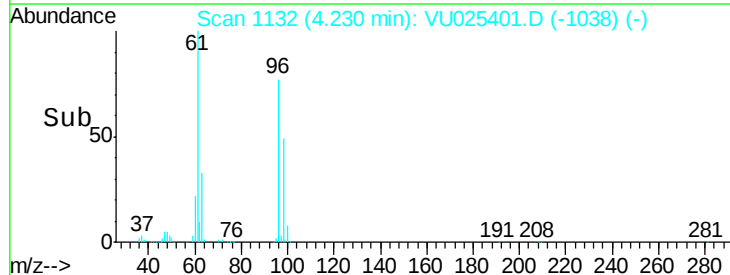
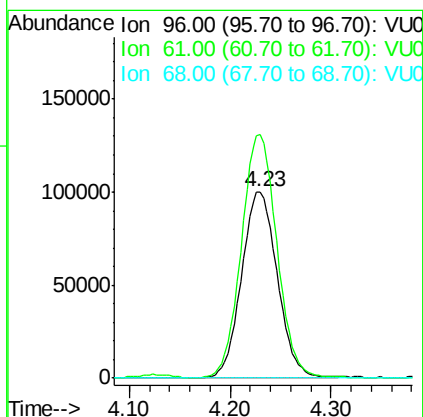
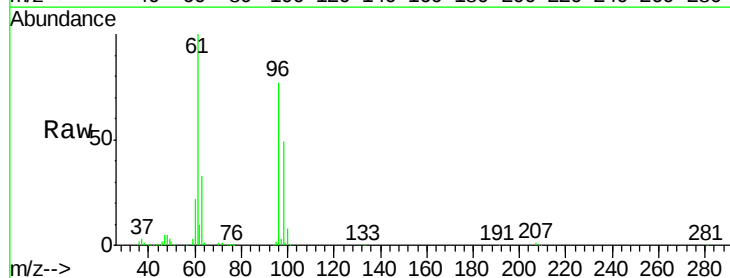
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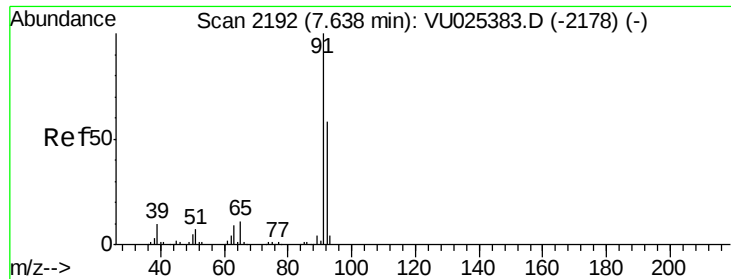
Tgt Ion: 43 Resp: 53501
Ion Ratio Lower Upper
43 100
74 22.6 18.6 28.0



#20
cis-1,2-Dichloroethene
Concen: 98.354 ug/L
RT: 4.23 min Scan# 1132
Delta R.T. 0.00 min
Lab File: VU025401.D
Acq: 13 Jul 2018 20:44

Tgt Ion: 96 Resp: 244986
Ion Ratio Lower Upper
96 100
61 130.5 93.4 173.6
68 0.0 0.0 0.0





#42

Toluene

Concen: 1.508 ug/L

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU025401.D

Acq: 13 Jul 2018 20:44

Instrument :

MSVOA_U

ClientSampleId :

DB182

Tgt Ion: 91 Resp: 14779

Ion Ratio Lower Upper

91 100

92 61.6 40.7 75.5

