

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU090618\
 Data File : VU026589.D
 Acq On : 06 Sep 2018 20:02
 Operator : MD/SY
 Sample : J4749-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FA9MS

Quant Time: Sep 07 05:29:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 07 05:26:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	154581	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	143231	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	59024	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	55776	58.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.48%
7) Chloroethane-d5	1.67	69	49205	56.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.76%
11) 1,1-Dichloroethene-d2	2.27	63	102567	47.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.10%
21) 2-Butanone-d5	4.18	46	89139	119.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.92%
24) Chloroform-d	4.65	84	96688	53.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.90%
26) 1,2-Dichloroethane-d4	5.31	65	64498	53.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.12%
32) Benzene-d6	5.34	84	192807	58.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.80%
36) 1,2-Dichloropropane-d6	6.33	67	66978	59.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.12%
41) Toluene-d8	7.57	98	171578	53.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.68%
43) trans-1,3-Dichloropropene-	7.85	79	28460	54.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	109.90%
47) 2-Hexanone-d5	8.31	63	64033	123.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.11%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	90597	54.22	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	63283	59.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	118.18%

Target Compounds

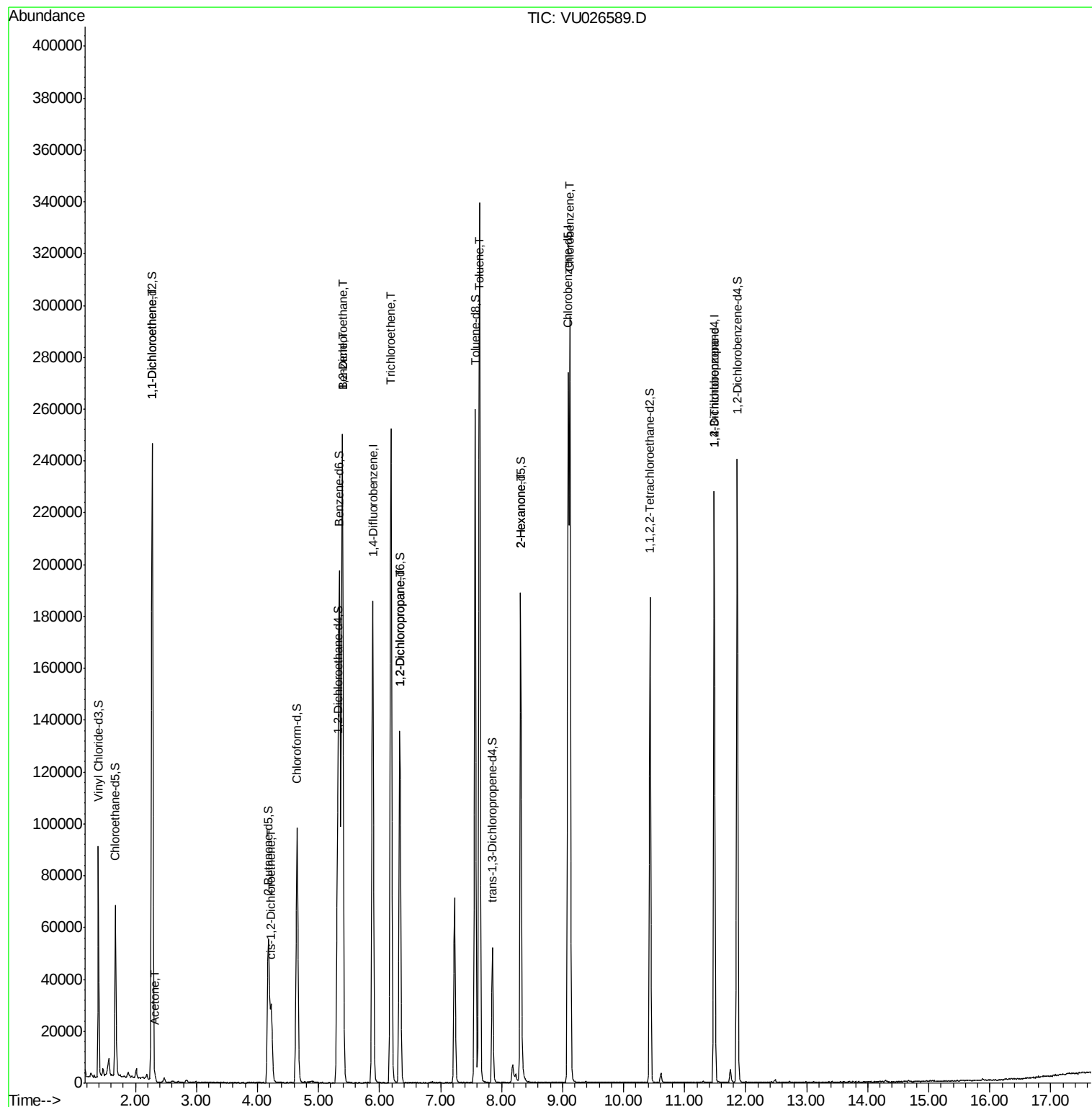
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	53209	48.224	ug/L	85
13) Acetone	2.32	43	1408	2.187	ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	14379	12.861	ug/L	98
27) 1,2-Dichloroethane	5.39	62	2236	1.384	ug/L #	76
33) Benzene	5.39	78	243127	59.209	ug/L	100
34) Trichloroethene	6.19	95	86100	83.594	ug/L	97
37) 1,2-Dichloropropane	6.33	63	7184	6.320	ug/L #	88
42) Toluene	7.64	91	241437	56.349	ug/L	97
48) 2-Hexanone	8.31	43	7697	6.375	ug/L #	66
51) Chlorobenzene	9.12	112	152760	53.315	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	7019	4.948	ug/L #	89

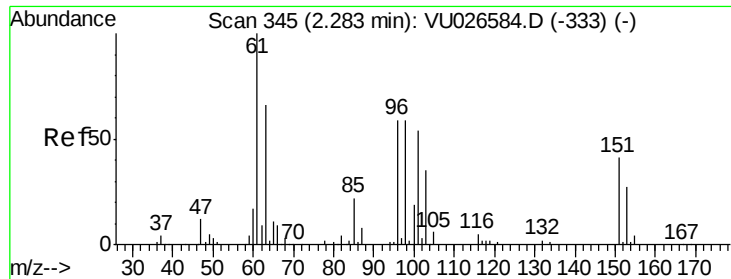
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 48.224 ug/L

RT: 2.28 min Scan# 345

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

E5FA9MS

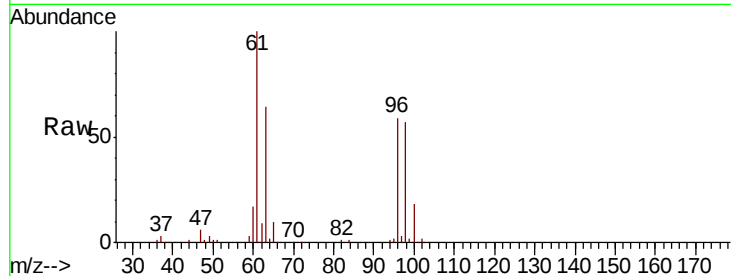
Tgt Ion: 96 Resp: 53209

Ion Ratio Lower Upper

96 100

61 168.4 129.3 240.1

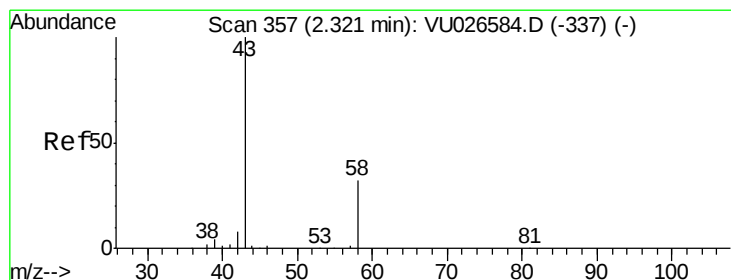
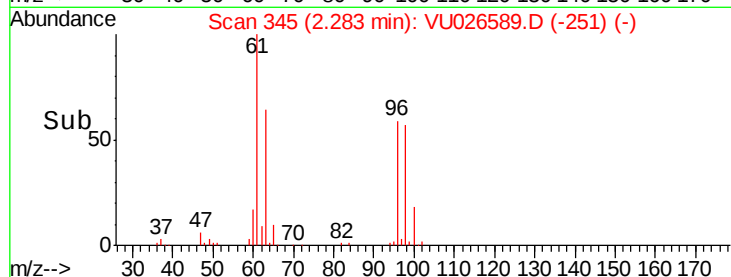
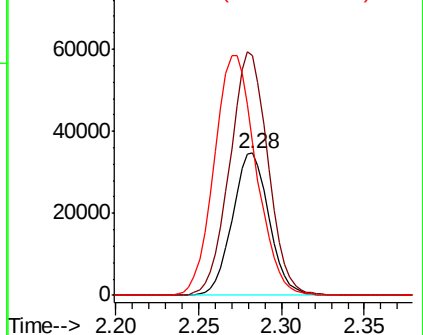
63 107.2 91.7 170.3



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: 2.187 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU026589.D

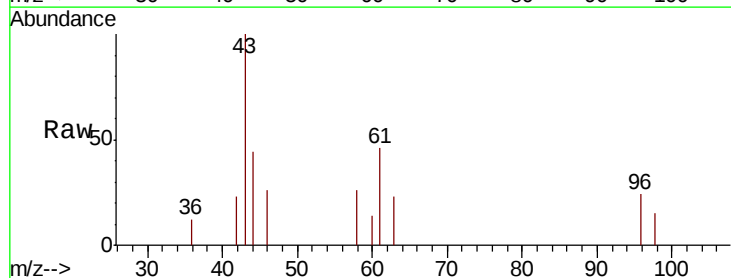
Acq: 06 Sep 2018 20:02

Tgt Ion: 43 Resp: 1408

Ion Ratio Lower Upper

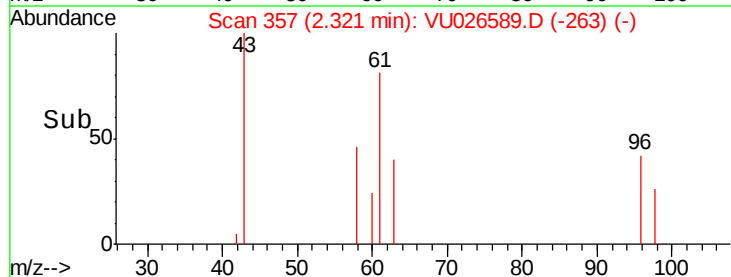
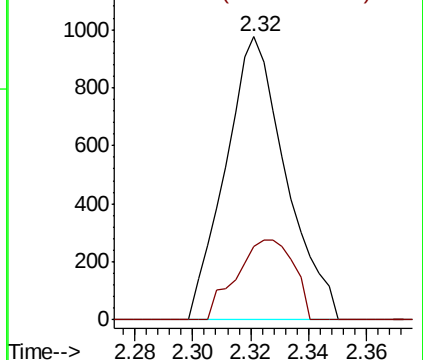
43 100

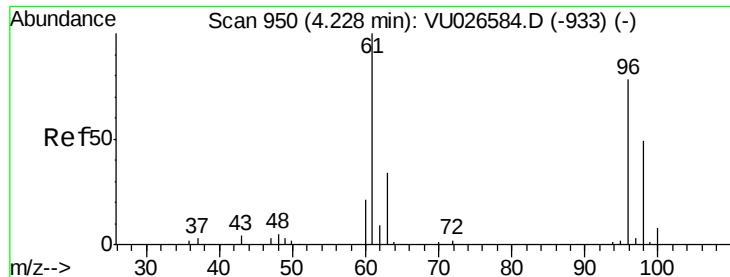
58 26.9 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

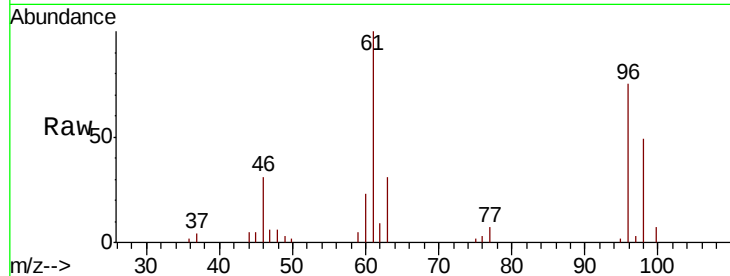




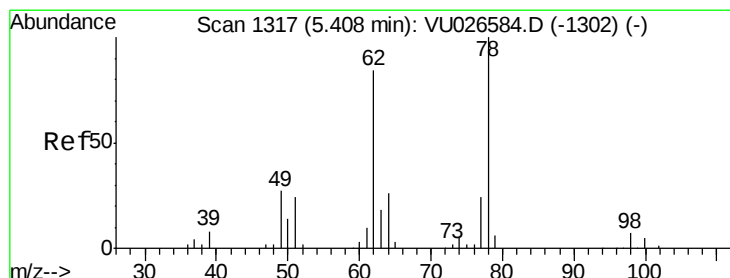
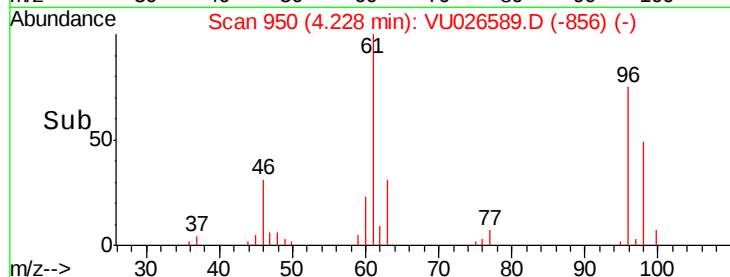
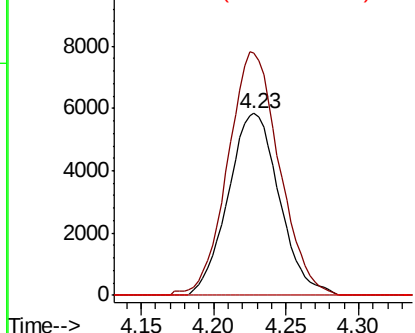
#20
 cis-1,2-Dichloroethene
 Concen: 12.861 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU026589.D
 Acq: 06 Sep 2018 20:02

Instrument :
 MSVOA_U
 ClientSampleId :
 E5FA9MS

Tgt Ion: 96 Resp: 14379
 Ion Ratio Lower Upper
 96 100
 61 133.6 91.6 170.2
 68 0.0 0.0 0.0

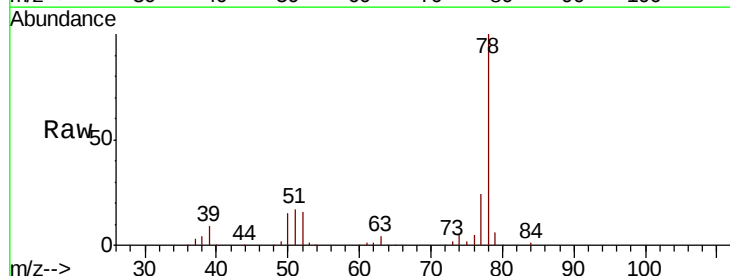


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 68.00 (67.70 to 68.70): VU0

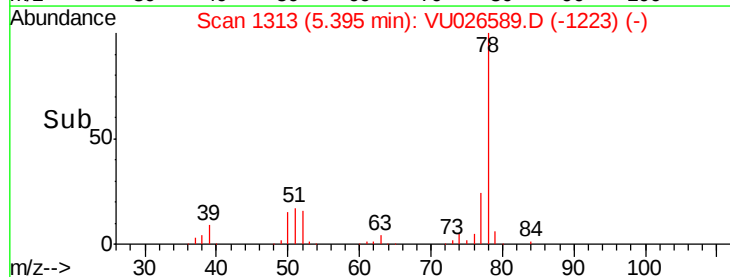
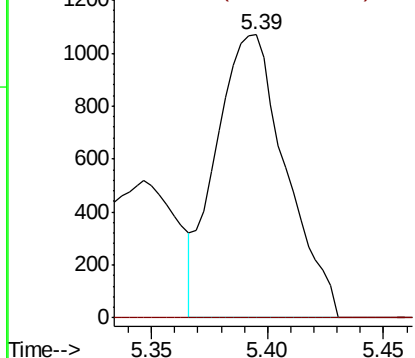


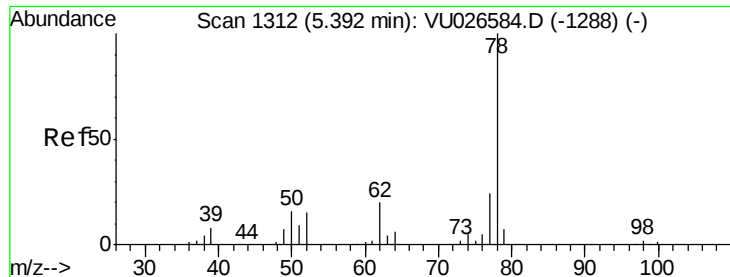
#27
 1,2-Dichloroethane
 Concen: 1.384 ug/L
 RT: 5.39 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: VU026589.D
 Acq: 06 Sep 2018 20:02

Tgt Ion: 62 Resp: 2236
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.8 10.2#



Abundance Ion 62.00 (61.70 to 62.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





#33

Benzene

Concen: 59.209 ug/L

RT: 5.39 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

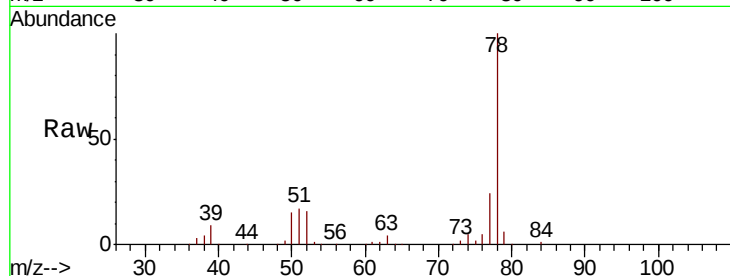
Instrument :

MSVOA_U

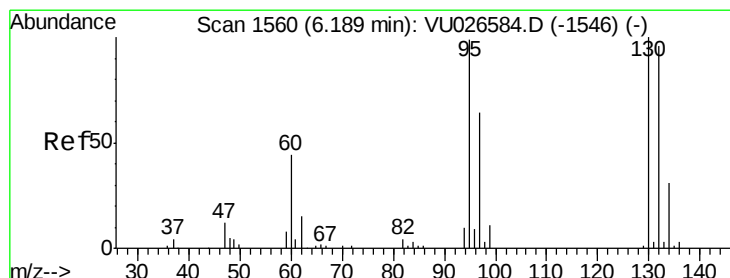
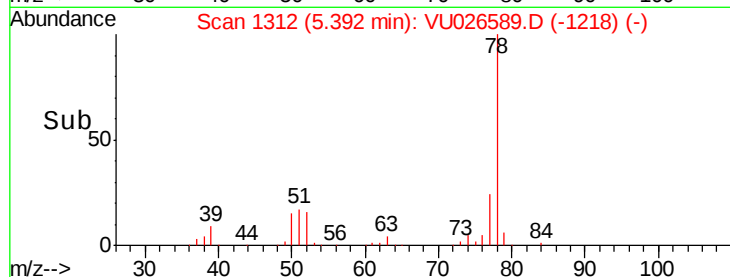
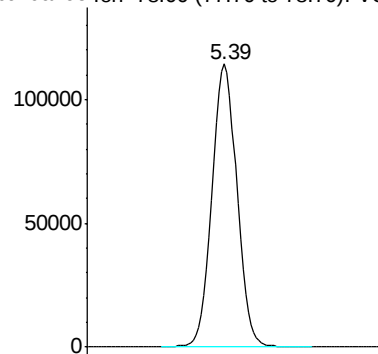
ClientSampleId :

E5FA9MS

Tgt Ion: 78 Resp: 243127



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 83.594 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

Tgt Ion: 95 Resp: 86100

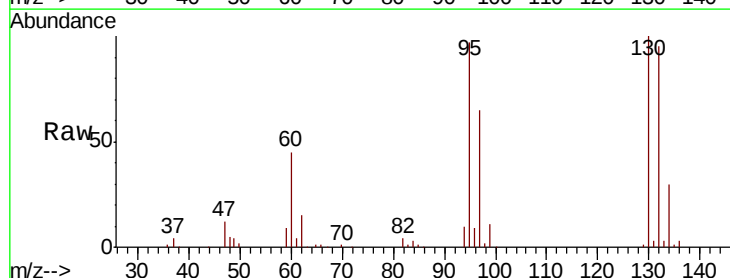
Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.1	83.7
132	98.3	67.5	125.3
130	103.0	69.3	128.7

95 100

97 66.6 45.1 83.7

132 98.3 67.5 125.3

130 103.0 69.3 128.7

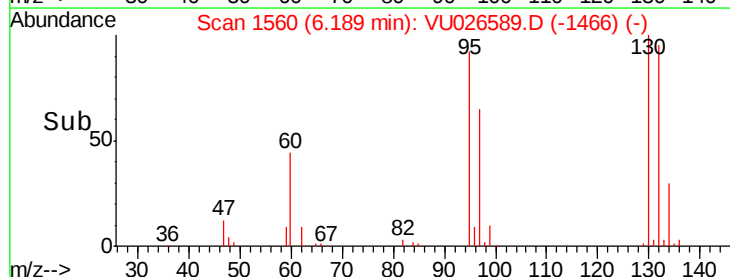
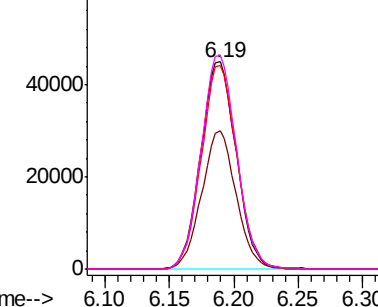


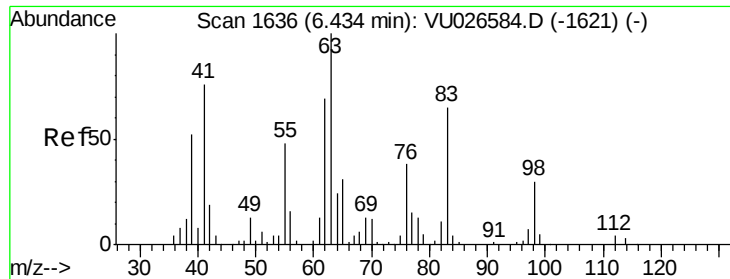
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

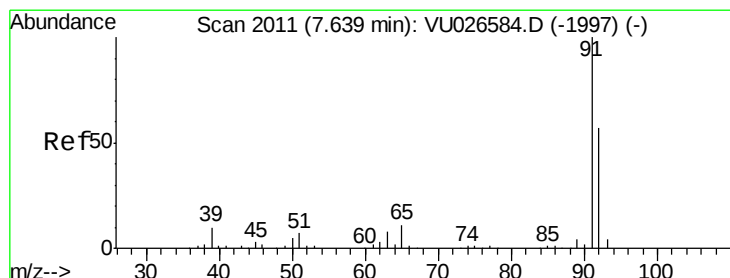
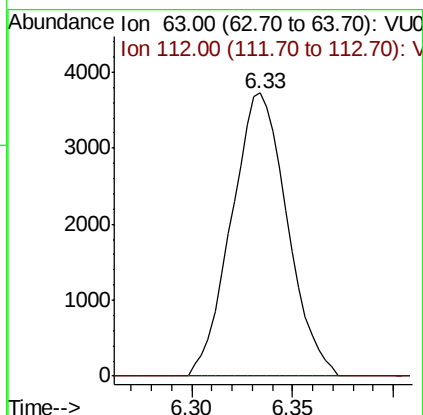
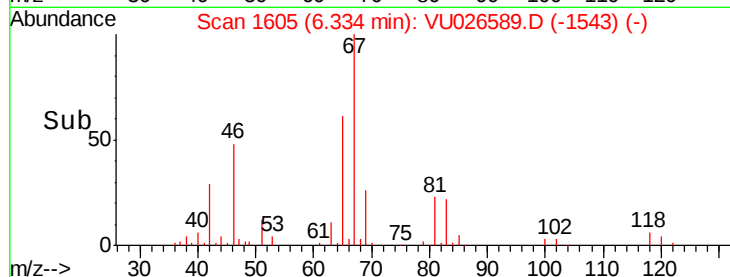
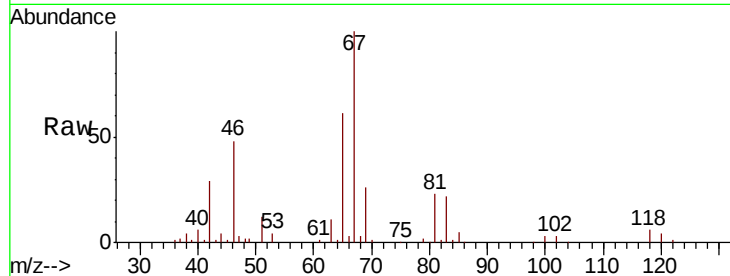




#37
 1,2-Dichloropropane
 Concen: 6.320 ug/L
 RT: 6.33 min Scan# 1605
 Delta R.T. -0.10 min
 Lab File: VU026589.D
 Acq: 06 Sep 2018 20:02

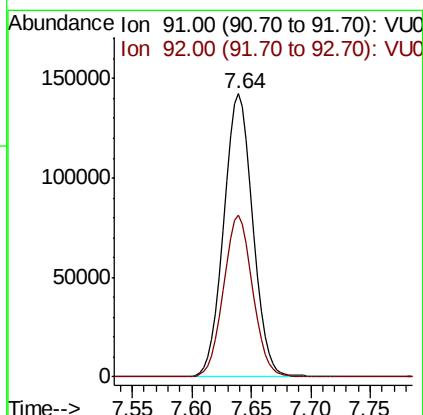
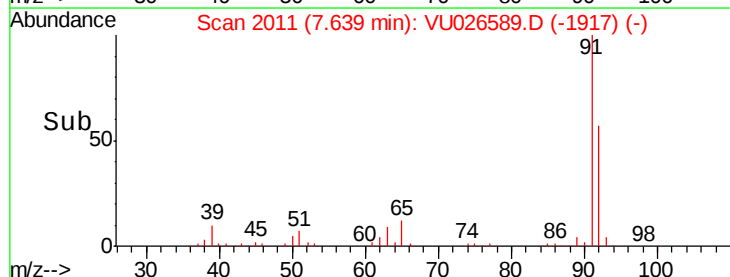
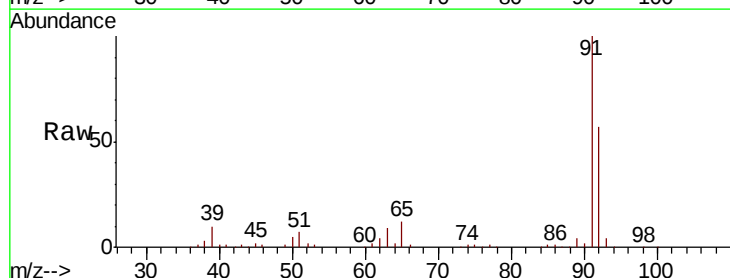
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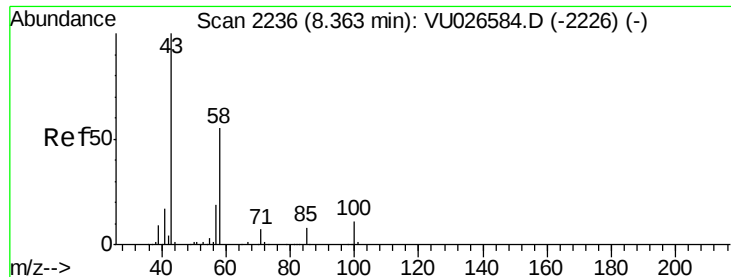
Tgt Ion: 63 Resp: 7184
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#42
 Toluene
 Concen: 56.349 ug/L
 RT: 7.64 min Scan# 2011
 Delta R.T. 0.00 min
 Lab File: VU026589.D
 Acq: 06 Sep 2018 20:02

Tgt Ion: 91 Resp: 241437
 Ion Ratio Lower Upper
 91 100
 92 57.3 38.7 71.9

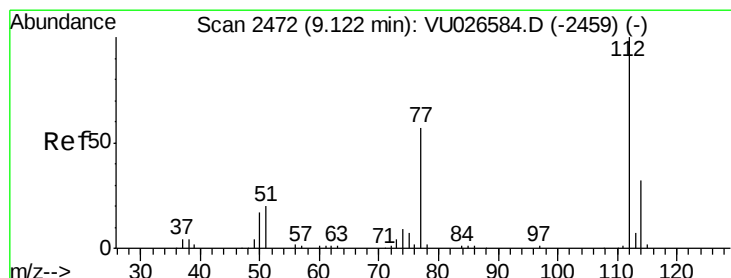
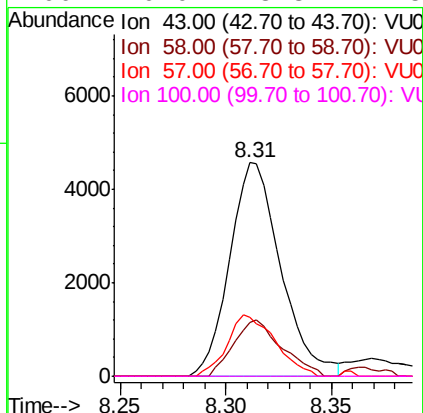
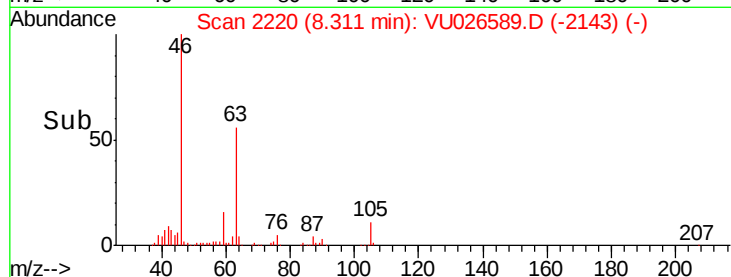
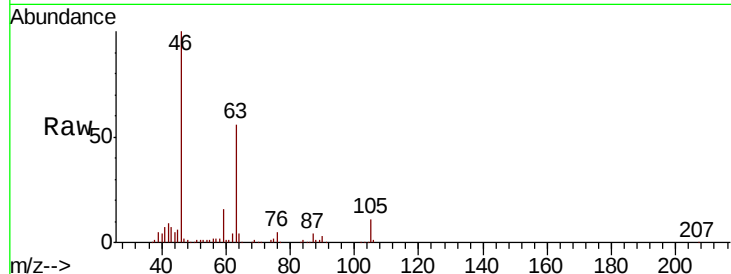




#48
2-Hexanone
Concen: 6.375 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026589.D
Acq: 06 Sep 2018 20:02

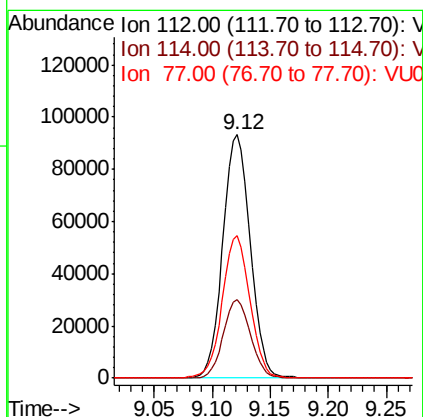
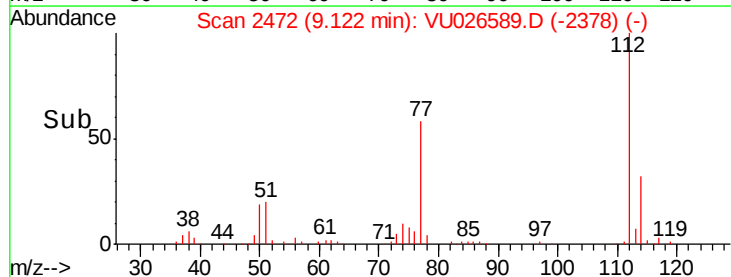
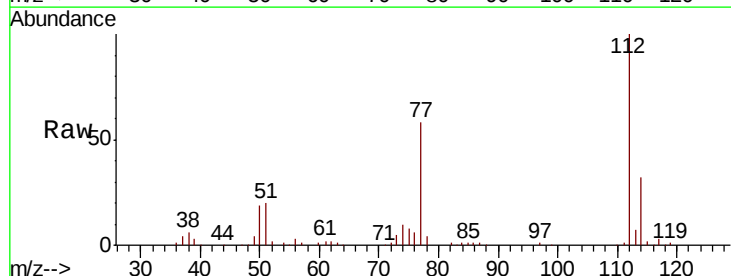
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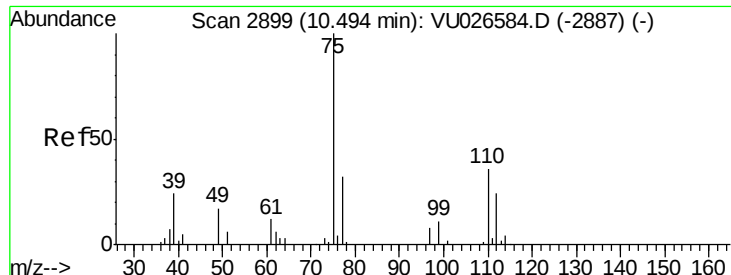
Tgt Ion: 43 Resp: 7697
Ion Ratio Lower Upper
43 100
58 24.8 42.2 63.4#
57 26.8 14.6 21.8#
100 0.0 8.3 12.5#



#51
Chlorobenzene
Concen: 53.315 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026589.D
Acq: 06 Sep 2018 20:02

Tgt Ion: 112 Resp: 152760
Ion Ratio Lower Upper
112 100
114 32.3 23.2 43.2
77 58.3 47.3 70.9





#59

1,2,3-Trichloropropane

Concen: 4.948 ug/L

RT: 11.48 min Scan# 3207

Delta R.T. 0.99 min

Lab File: VU026589.D

Acq: 06 Sep 2018 20:02

Instrument :

MSVOA_U

ClientSampleId :

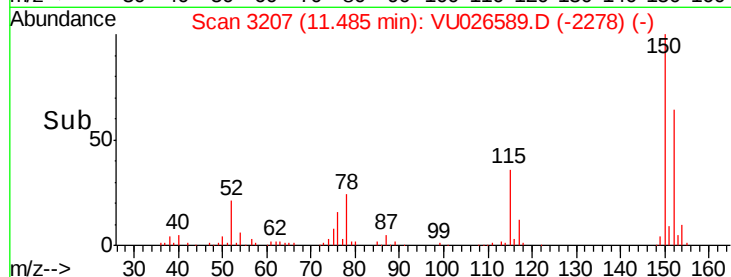
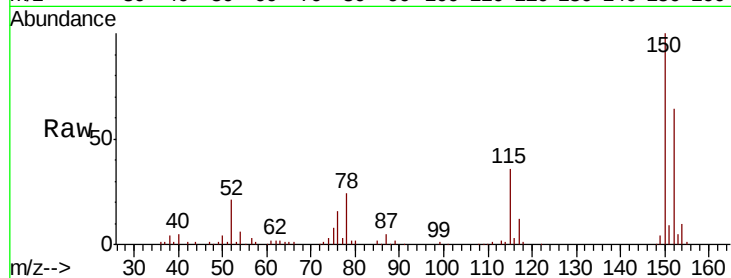
E5FA9MS

Tgt Ion: 75 Resp: 7019

Ion Ratio Lower Upper

75 100

77 37.6 25.0 37.6#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

