

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081418\
 Data File : VU026103.D
 Acq On : 14 Aug 2018 15:53
 Operator : MD/SY
 Sample : J4451-16MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4ZK4MSD

Quant Time: Aug 14 16:11:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 11 00:58:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	263274	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	244774	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	105313	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	75399	39.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.36%
7) Chloroethane-d5	1.67	69	68318	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.56%
11) 1,1-Dichloroethene-d2	2.27	63	161052	44.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.08%
21) 2-Butanone-d5	4.18	46	151455	94.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.43%
24) Chloroform-d	4.65	84	188630	46.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.44%
26) 1,2-Dichloroethane-d4	5.31	65	132446	48.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.10%
32) Benzene-d6	5.35	84	357170	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
36) 1,2-Dichloropropane-d6	6.33	67	121102	49.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.48%
41) Toluene-d8	7.57	98	324882	44.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.36%
43) trans-1,3-Dichloropropene-	7.85	79	58032	46.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.66%
47) 2-Hexanone-d5	8.31	63	105345	94.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.31%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	171532	47.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.38%
64) 1,2-Dichlorobenzene-d4	11.86	152	131100	50.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

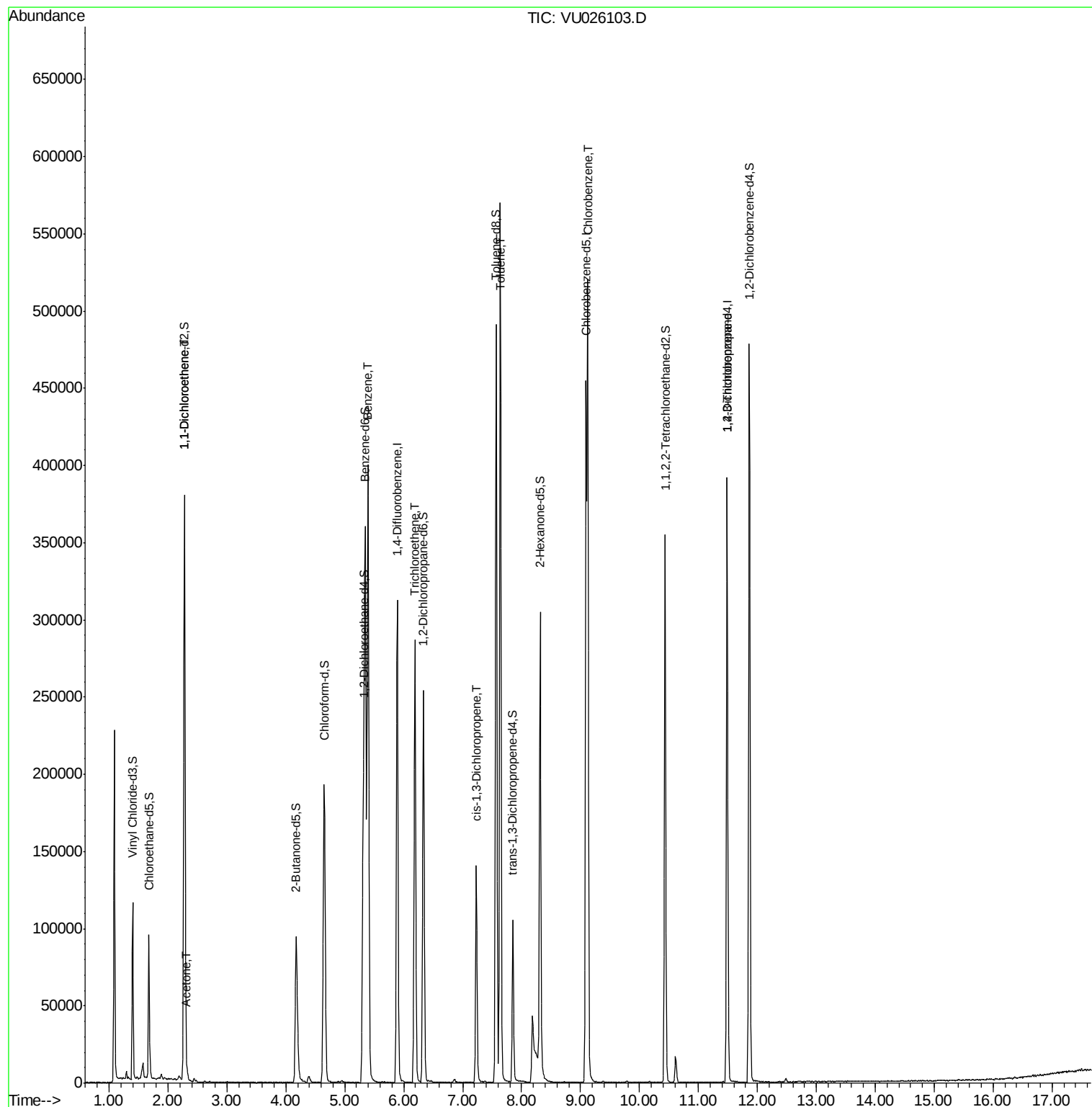
					Qvalue
12) 1,1-Dichloroethene	2.28	96	78091	51.376	ug/L 88
13) Acetone	2.32	43	5037	5.055	ug/L 97
33) Benzene	5.39	78	389708	55.899	ug/L 100
34) Trichloroethene	6.19	95	97048	53.284	ug/L 98
39) cis-1,3-Dichloropropene	7.23	75	3746	1.296	ug/L # 47
42) Toluene	7.64	91	417641	56.438	ug/L 97
51) Chlorobenzene	9.12	112	271512	54.417	ug/L 99
59) 1,2,3-Trichloropropane	11.49	75	11693	4.753	ug/L 89

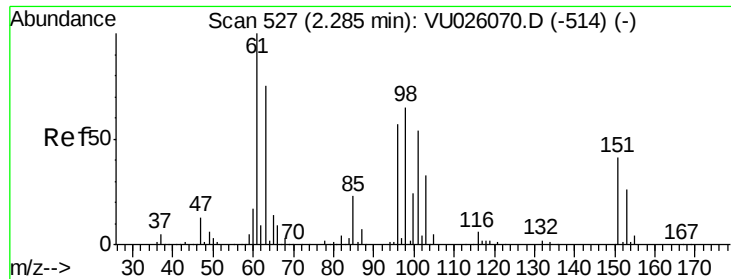
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 51.376 ug/L

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

Instrument :

MSVOA_U

ClientSampleId :

A4ZK4MSD

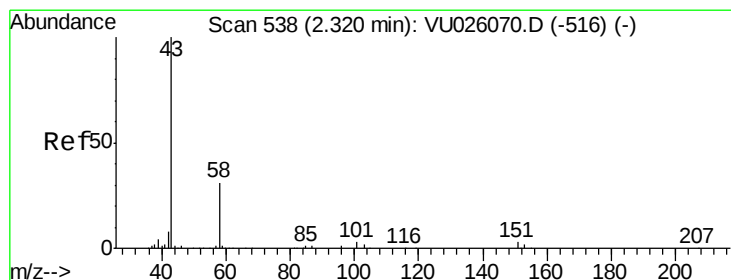
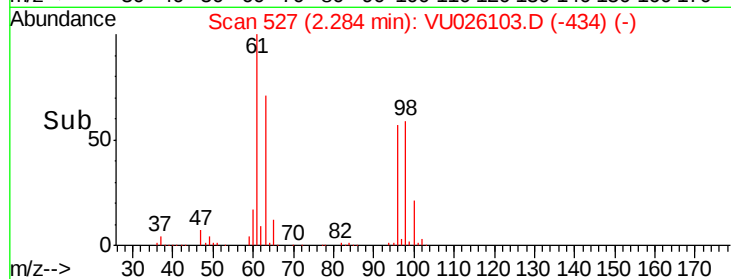
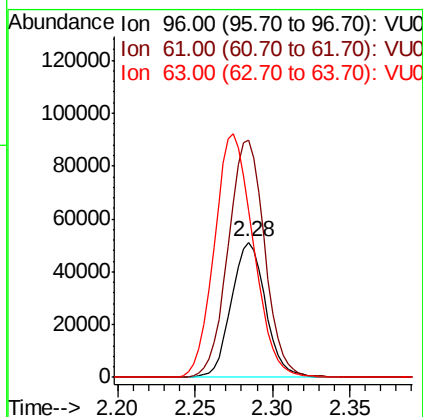
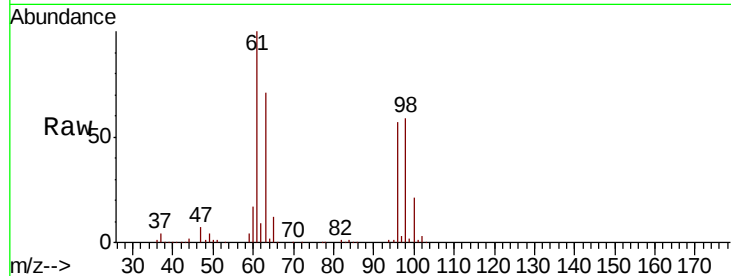
Tgt Ion: 96 Resp: 78091

Ion Ratio Lower Upper

96 100

61 175.0 121.2 225.2

63 123.7 108.7 201.9



#13

Acetone

Concen: 5.055 ug/L

RT: 2.32 min Scan# 538

Delta R.T. 0.00 min

Lab File: VU026103.D

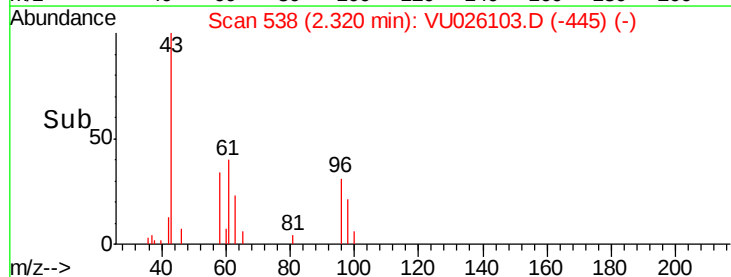
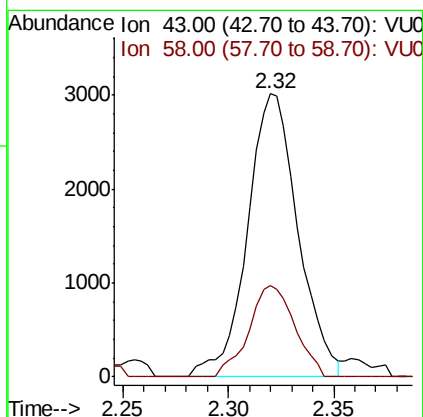
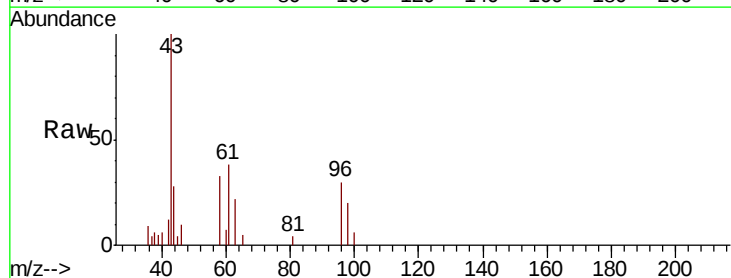
Acq: 14 Aug 2018 15:53

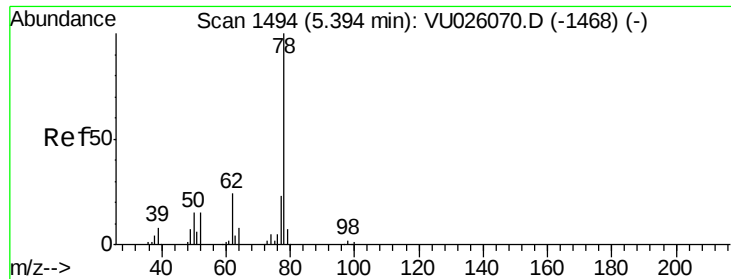
Tgt Ion: 43 Resp: 5037

Ion Ratio Lower Upper

43 100

58 29.3 0.0 61.8





#33

Benzene

Concen: 55.899 ug/L

RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

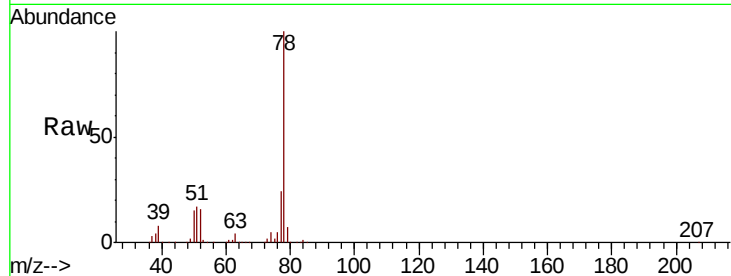
Instrument :

MSVOA_U

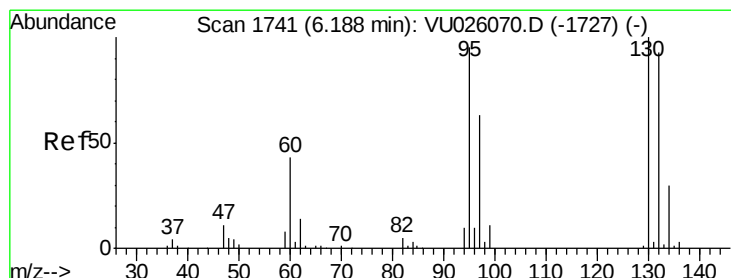
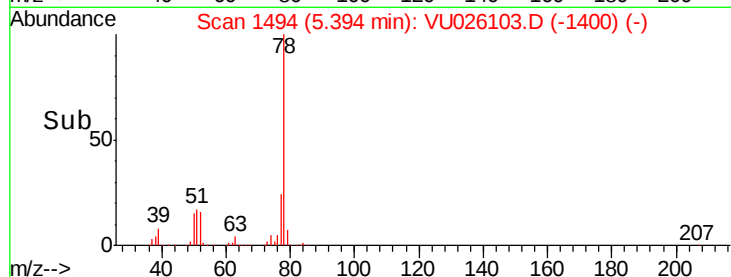
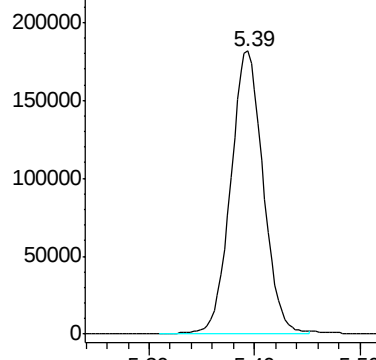
ClientSampleId :

A4ZK4MSD

Tgt Ion: 78 Resp: 389708



Abundance Ion 78.00 (77.70 to 78.70): VU0



#34

Trichloroethene

Concen: 53.284 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VU026103.D

Acq: 14 Aug 2018 15:53

Tgt Ion: 95 Resp: 97048

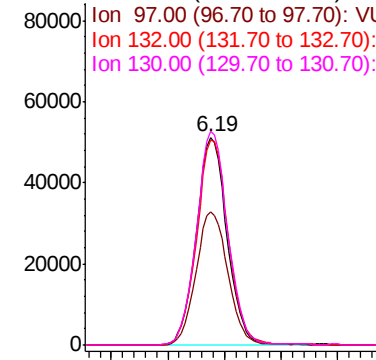
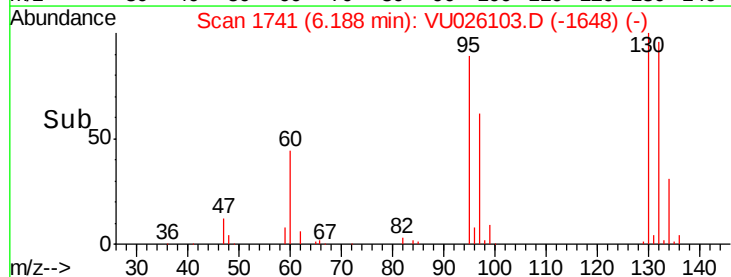
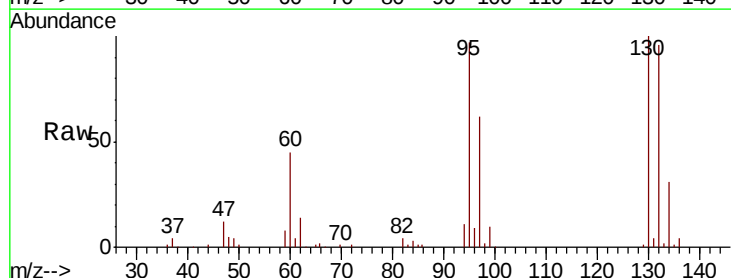
Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.2	84.0
132	98.8	68.2	126.6
130	103.0	73.8	137.2

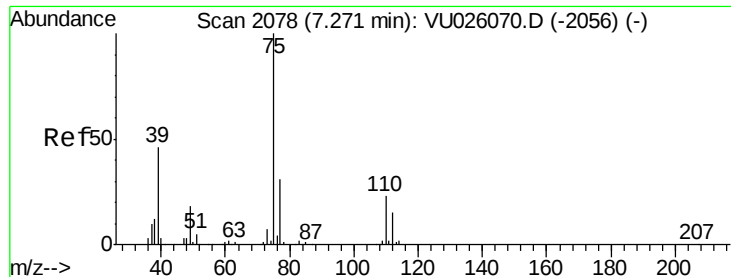
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

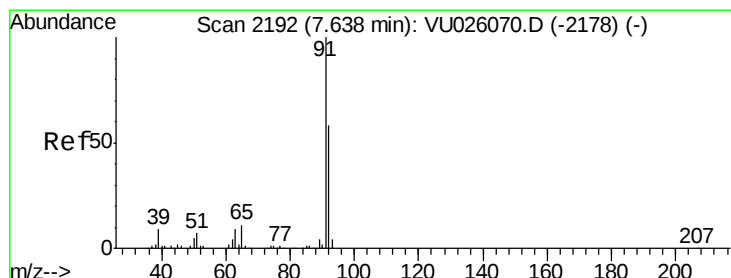
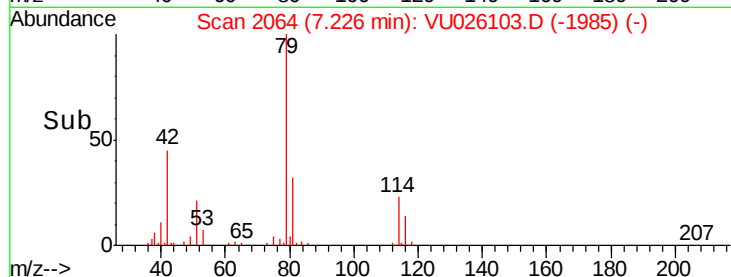
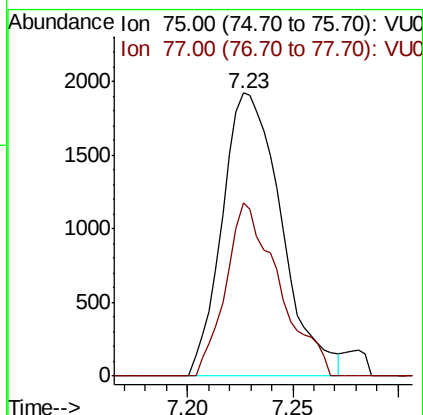
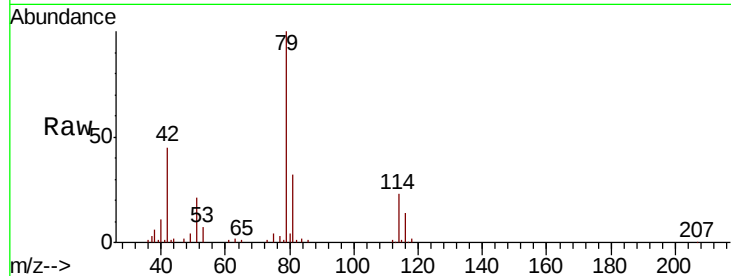




#39
 cis-1,3-Dichloropropene
 Concen: 1.296 ug/L
 RT: 7.23 min Scan# 2064
 Delta R.T. -0.04 min
 Lab File: VU026103.D
 Acq: 14 Aug 2018 15:53

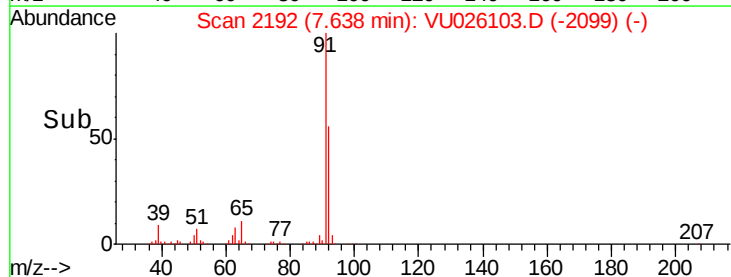
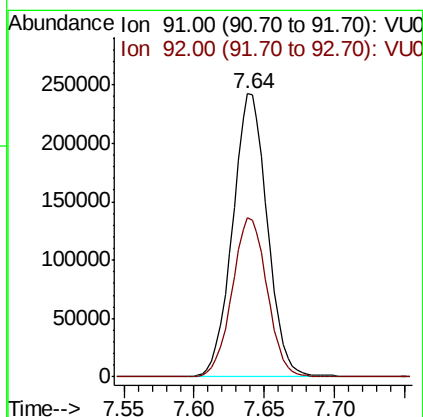
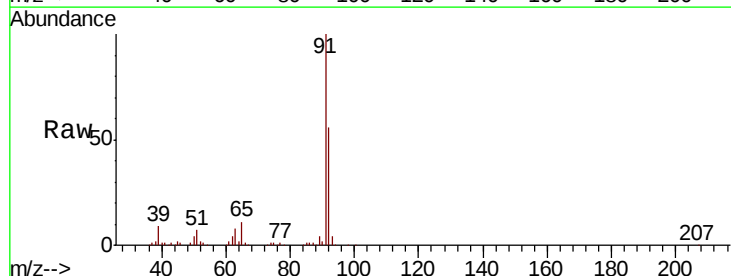
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 A4ZK4MSD

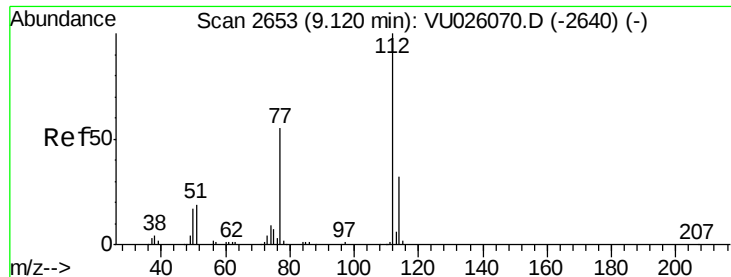
Tgt Ion: 75 Resp: 3746
 Ion Ratio Lower Upper
 75 100
 77 61.0 22.1 41.1#



#42
 Toluene
 Concen: 56.438 ug/L
 RT: 7.64 min Scan# 2192
 Delta R.T. 0.00 min
 Lab File: VU026103.D
 Acq: 14 Aug 2018 15:53

Tgt Ion: 91 Resp: 417641
 Ion Ratio Lower Upper
 91 100
 92 56.1 41.0 76.2

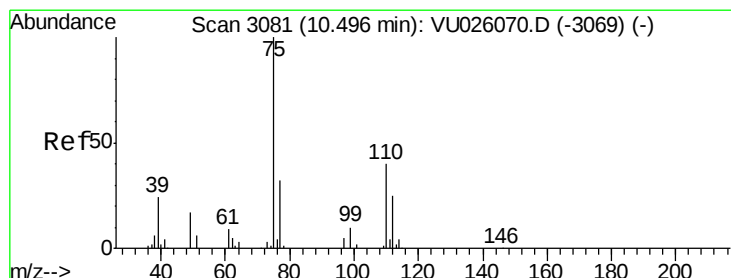
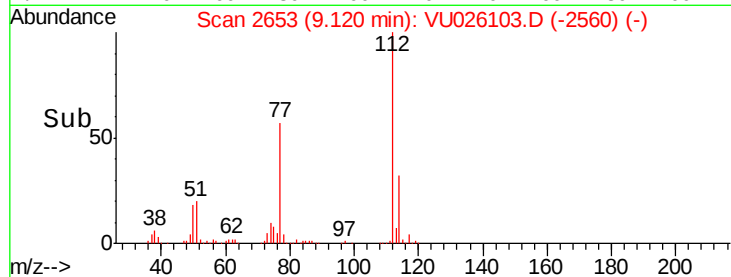
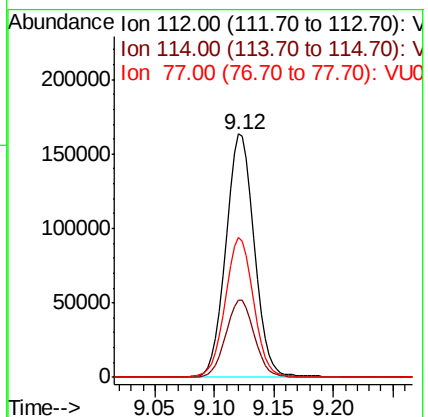
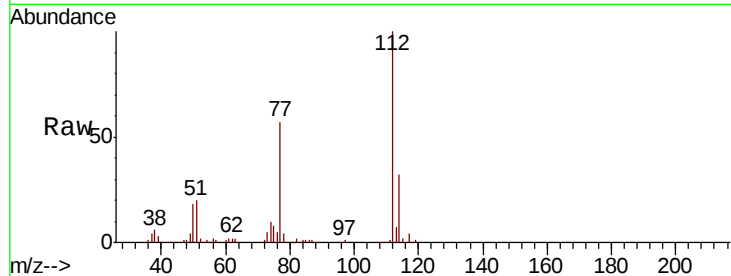




#51
Chlorobenzene
Concen: 54.417 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. 0.00 min
Lab File: VU026103.D
Acq: 14 Aug 2018 15:53

Instrument :
MSVOA_U
ClientSampleId :
A4ZK4MSD

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.7	42.3
77	57.5	45.2	67.8



#59
1,2,3-Trichloropropane
Concen: 4.753 ug/L
RT: 11.49 min Scan# 3389
Delta R.T. 0.99 min
Lab File: VU026103.D
Acq: 14 Aug 2018 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.8	25.3	37.9

