

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026294.D
 Acq On : 23 Aug 2018 13:31
 Operator : MD/SY
 Sample : J4598-05 MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:16:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:14:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	273501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	269075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	127838	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	84128	50.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.86%
7) Chloroethane-d5	1.68	69	70892	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.22%
11) 1,1-Dichloroethene-d2	2.27	63	173496	52.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.82%
21) 2-Butanone-d5	4.18	46	131591	98.84	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	4.65	84	184377	49.59	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.18%
26) 1,2-Dichloroethane-d4	5.31	65	123440	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
32) Benzene-d6	5.35	84	363519	50.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.33	67	118999	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.98%
41) Toluene-d8	7.57	98	330344	48.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.02%
43) trans-1,3-Dichloropropene-	7.85	79	57219	47.92	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.84%
47) 2-Hexanone-d5	8.31	63	95107	96.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.28%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160627	46.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.92%
64) 1,2-Dichlorobenzene-d4	11.86	152	139847	51.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.10%

Target Compounds

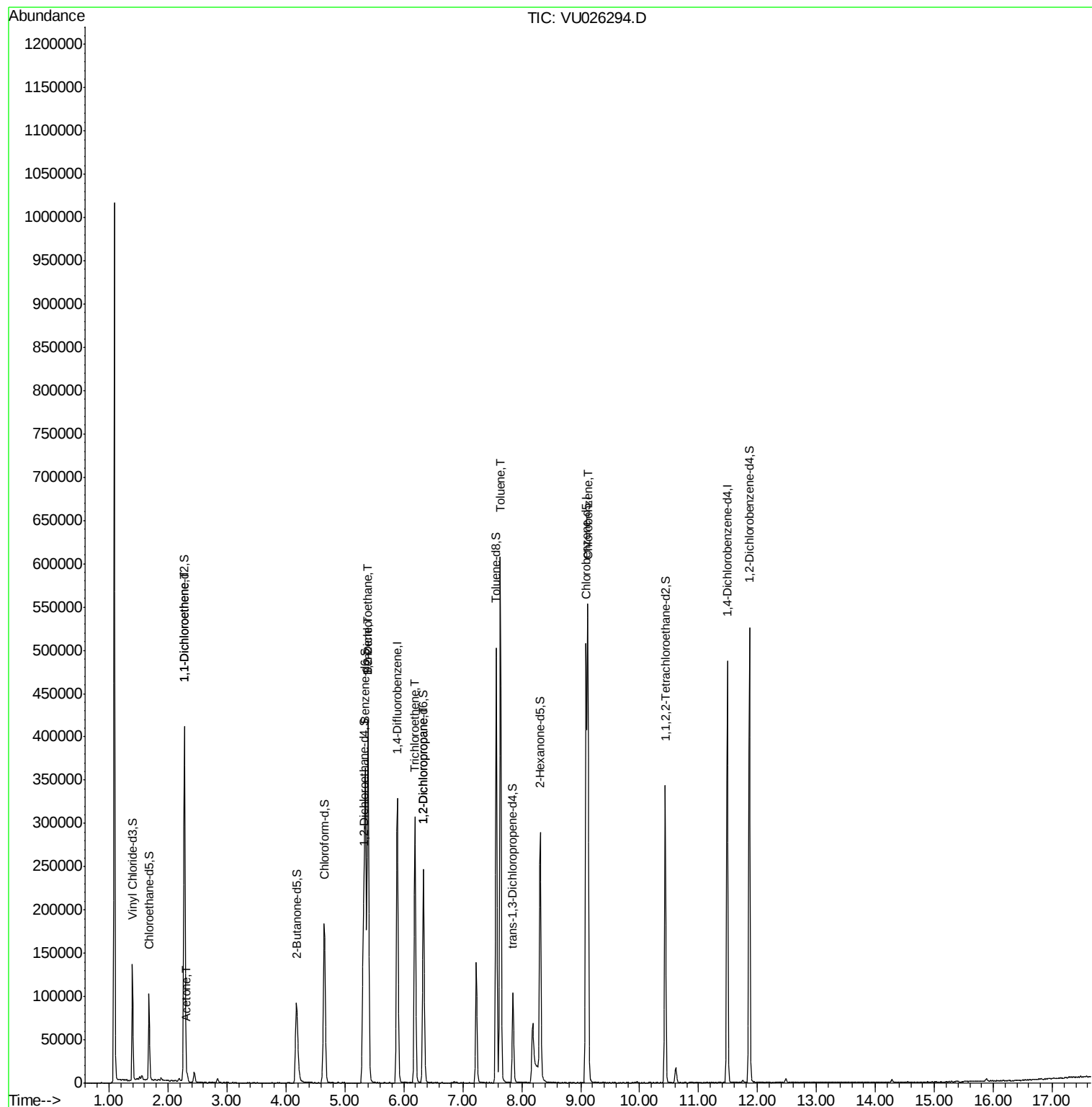
					Ovalue
12) 1,1-Dichloroethene	2.28	96	83101	57.730 ug/L	96
13) Acetone	2.32	43	5745	5.575 ug/L	100
27) 1,2-Dichloroethane	5.40	62	4037	1.469 ug/L #	75
33) Benzene	5.39	78	414608	56.519 ug/L	100
34) Trichloroethene	6.19	95	104932	54.095 ug/L	97
37) 1,2-Dichloropropane	6.34	63	12770	6.370 ug/L #	87
42) Toluene	7.64	91	440585	56.447 ug/L	99
51) Chlorobenzene	9.12	112	289195	54.171 ug/L	99

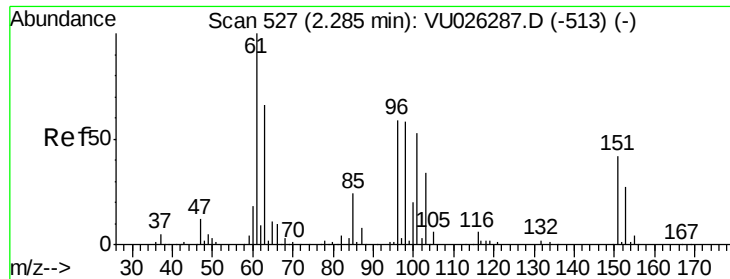
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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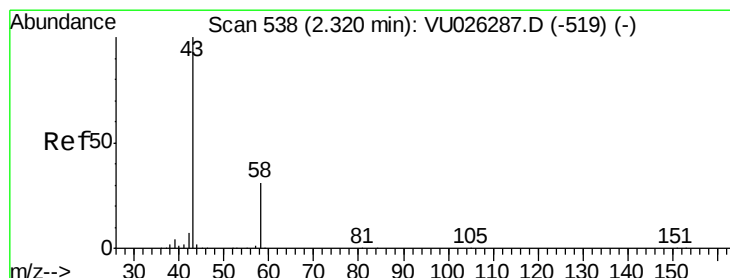
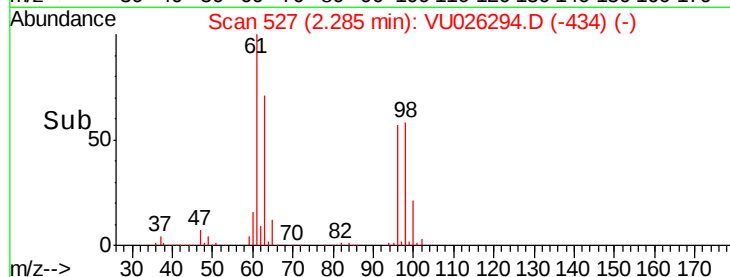
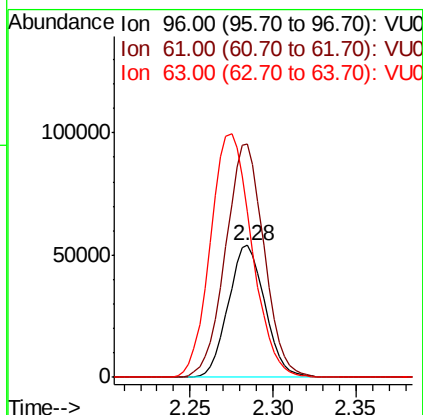
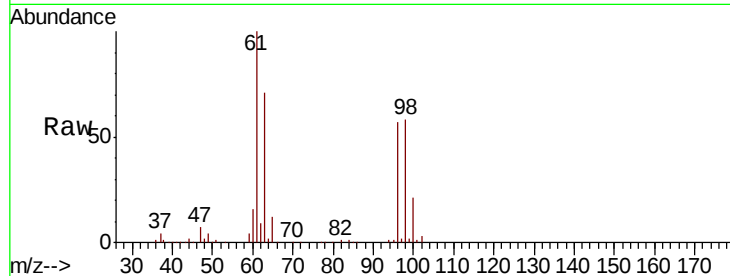




#12
 1,1-Dichloroethene
 Concen: 57.730 ug/L
 RT: 2.28 min Scan# 527
 Delta R.T. -0.00 min
 Lab File: VU026294.D
 Acq: 23 Aug 2018 13:31

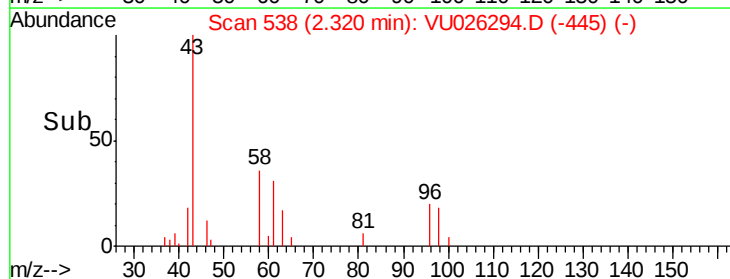
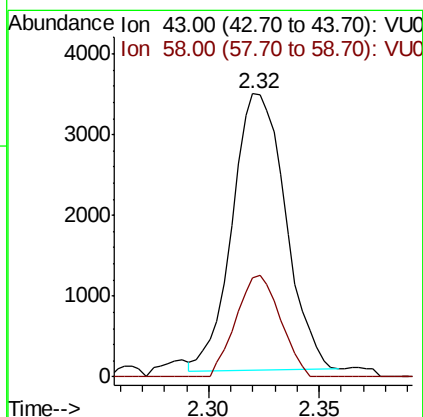
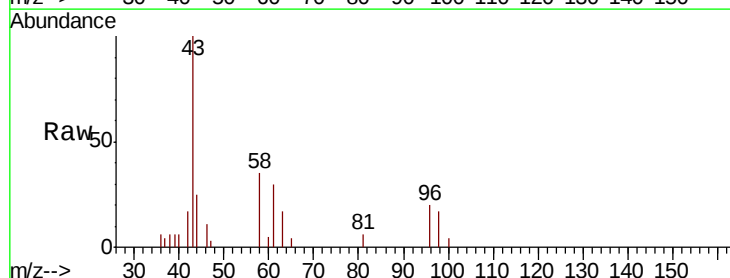
Instrument :
 MSVOA_U
 ClientSampled :

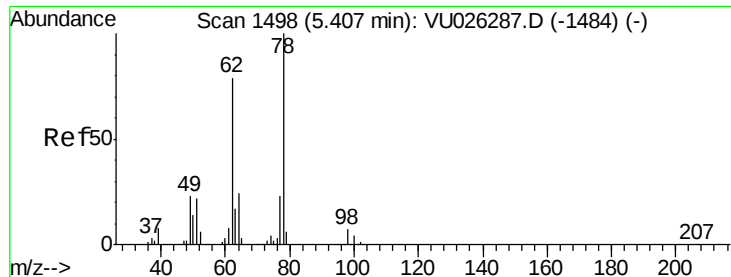
Tot Ion	Ratio	Lower	Upper
96	100		
61	176.9	124.7	231.5
63	125.2	93.7	174.1



#13
 Acetone
 Concen: 5.575 ug/L
 RT: 2.32 min Scan# 538
 Delta R.T. -0.00 min
 Lab File: VU026294.D
 Acq: 23 Aug 2018 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	61.2





#27

1,2-Dichloroethane

Concen: 1.469 ug/L

RT: 5.40 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VU026294.D

Acq: 23 Aug 2018 13:31

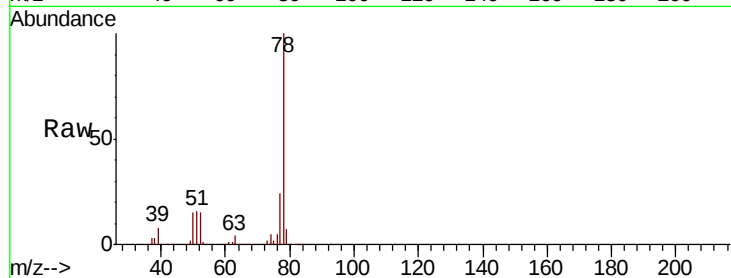
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 62 Resp: 4037

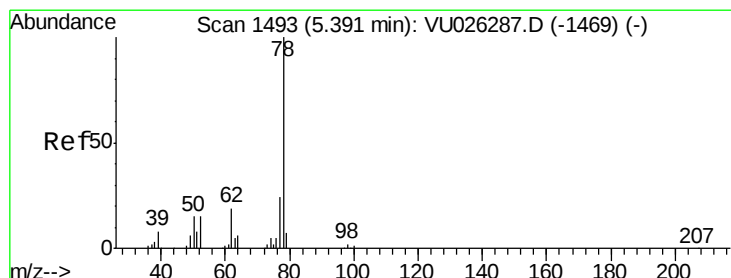
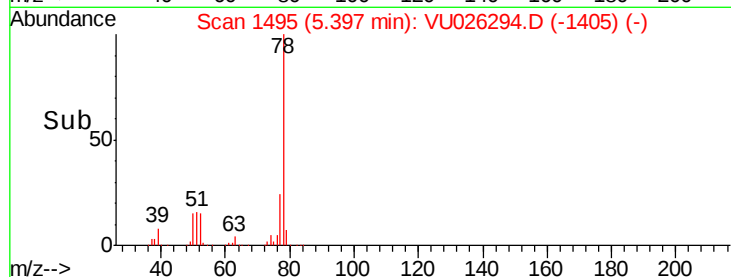
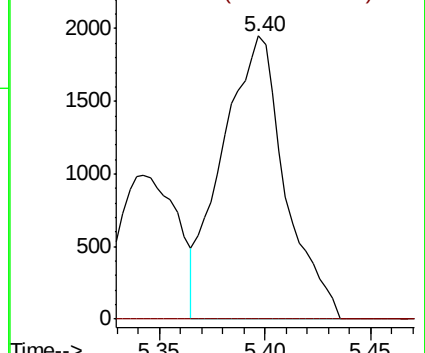
Ion Ratio Lower Upper

62 100

98 0.0 7.2 10.8#



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



#33

Benzene

Concen: 56.519 ug/L

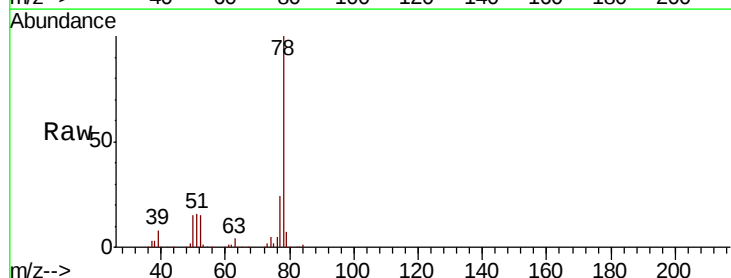
RT: 5.39 min Scan# 1494

Delta R.T. 0.00 min

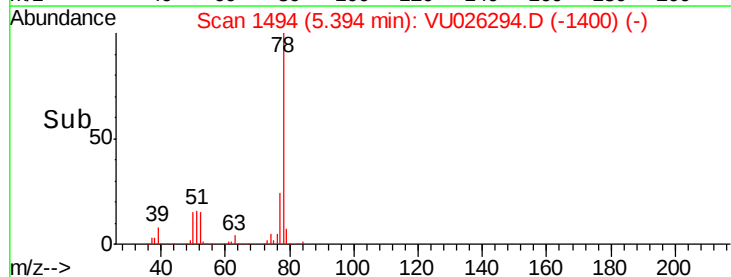
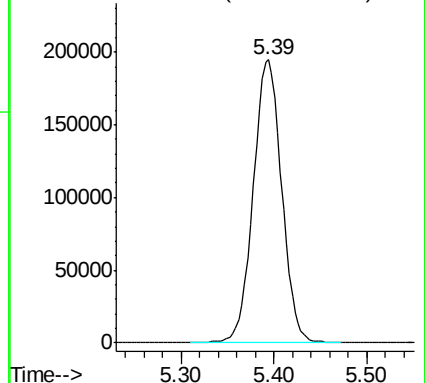
Lab File: VU026294.D

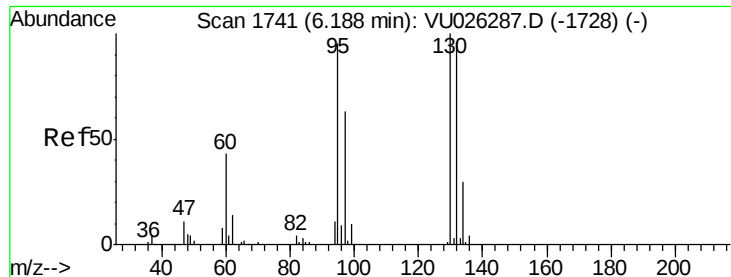
Acq: 23 Aug 2018 13:31

Tgt Ion: 78 Resp: 414608



Abundance Ion 78.00 (77.70 to 78.70): VU0

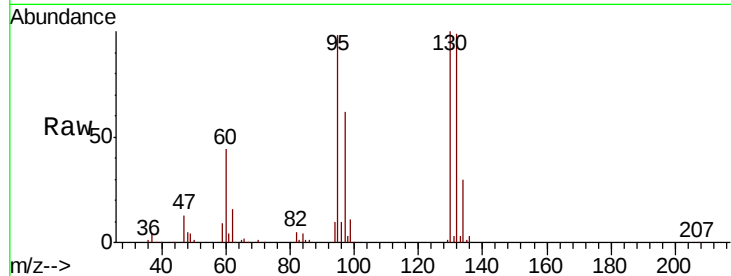




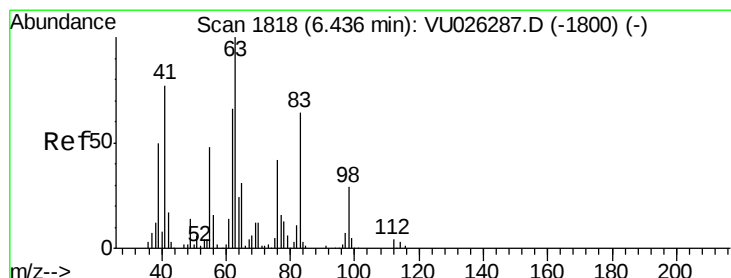
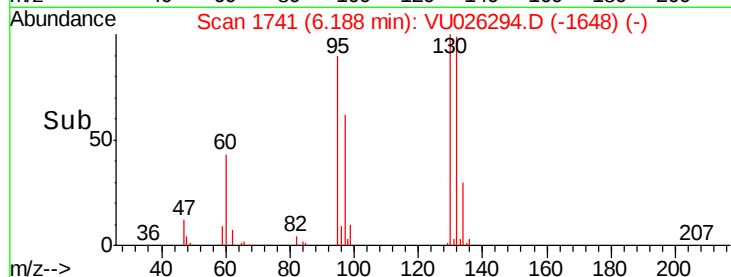
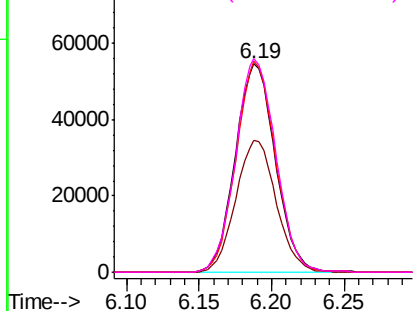
#34
 Trichloroethene
 Concen: 54.095 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VU026294.D
 Acq: 23 Aug 2018 13:31

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 95 Resp: 104932
 Ion Ratio Lower Upper
 95 100
 97 63.0 47.2 87.6
 132 101.1 70.2 130.4
 130 102.4 73.4 136.4

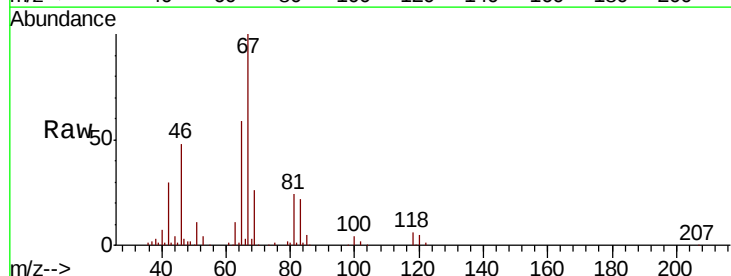


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

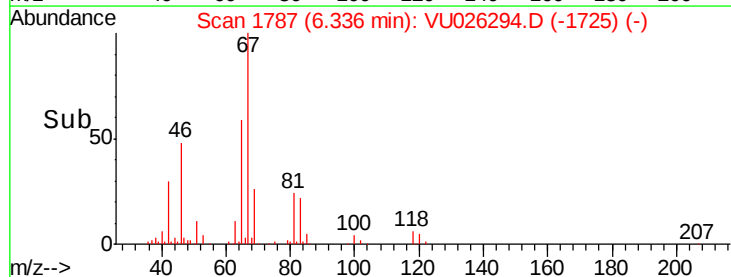
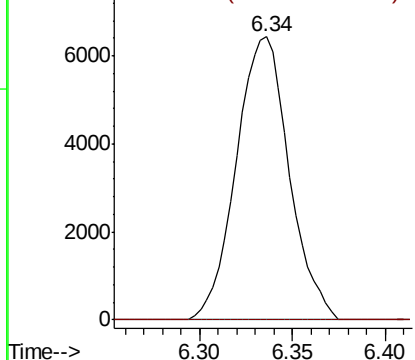


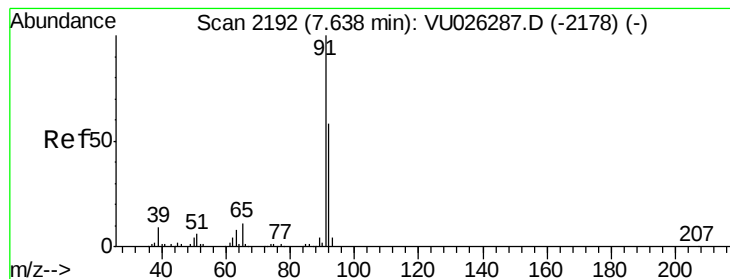
#37
 1,2-Dichloropropane
 Concen: 6.370 ug/L
 RT: 6.34 min Scan# 1787
 Delta R.T. -0.10 min
 Lab File: VU026294.D
 Acq: 23 Aug 2018 13:31

Tgt Ion: 63 Resp: 12770
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 56.447 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026294.D

Acq: 23 Aug 2018 13:31

Instrument :

MSVOA_U

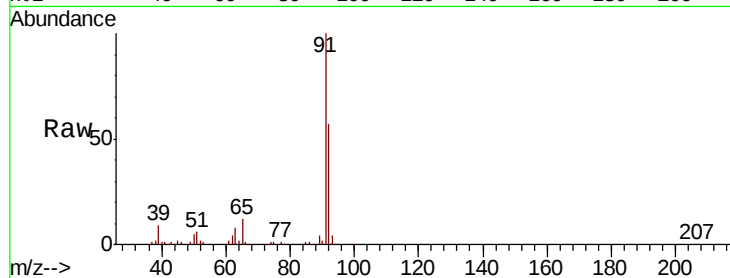
ClientSampleId :

Tot Ion: 91 Resp: 440585

Ion Ratio Lower Upper

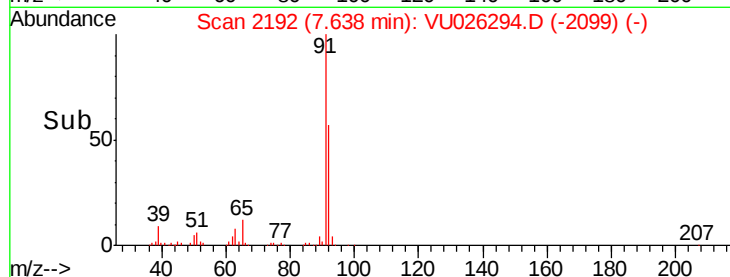
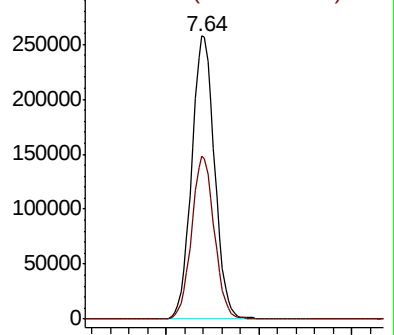
91 100

92 57.5 39.9 74.1

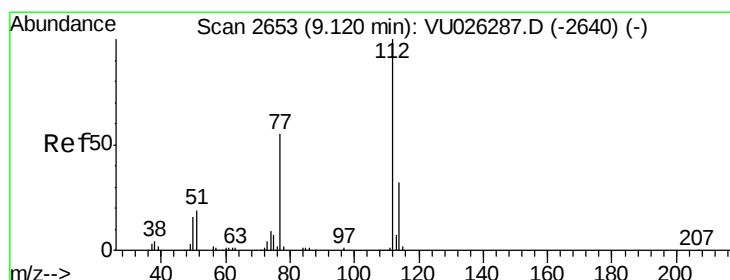


Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0



Time-->



#51

Chlorobenzene

Concen: 54.171 ug/L

RT: 9.12 min Scan# 2653

Delta R.T. -0.00 min

Lab File: VU026294.D

Acq: 23 Aug 2018 13:31

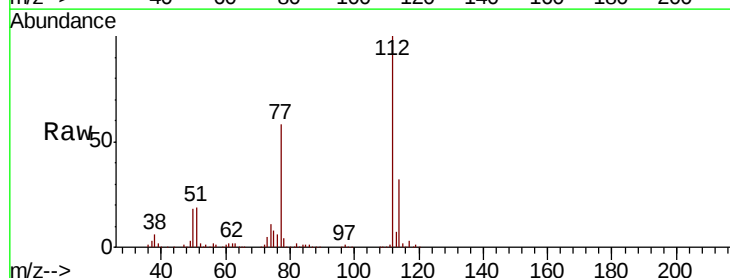
Tgt Ion: 112 Resp: 289195

Ion Ratio Lower Upper

112 100

114 32.3 22.5 41.9

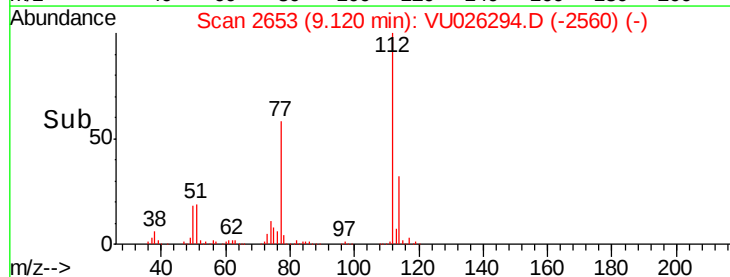
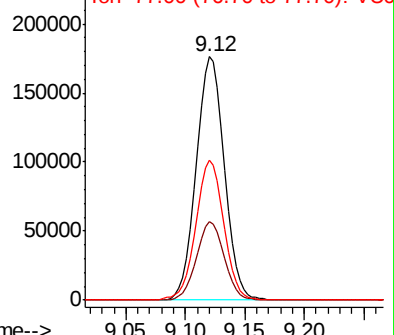
77 57.5 45.4 68.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



Time-->