

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082818\
 Data File : VU026417.D
 Acq On : 28 Aug 2018 23:21
 Operator : MD/SY
 Sample : J4633-05MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 29 01:42:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 00:08:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	58371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	59801	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	25781	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	20309	2.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.20%
7) Chloroethane-d5	1.68	69	18855	3.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	64.60%#
11) 1,1-Dichloroethene-d2	2.27	63	45886	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	4.20	46	52742	36.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.36%
24) Chloroform-d	4.65	84	35996	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.32	65	19907	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
32) Benzene-d6	5.34	84	68998	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.40%#
36) 1,2-Dichloropropane-d6	6.33	67	24419	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	72.00%
41) Toluene-d8	7.57	98	59261	3.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.80%#
43) trans-1,3-Dichloropropene-	7.85	79	7256	2.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.80%
46) 2-Hexanone-d5	8.32	63	38525	35.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.24%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	18623	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	23676	3.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.60%#

Target Compounds

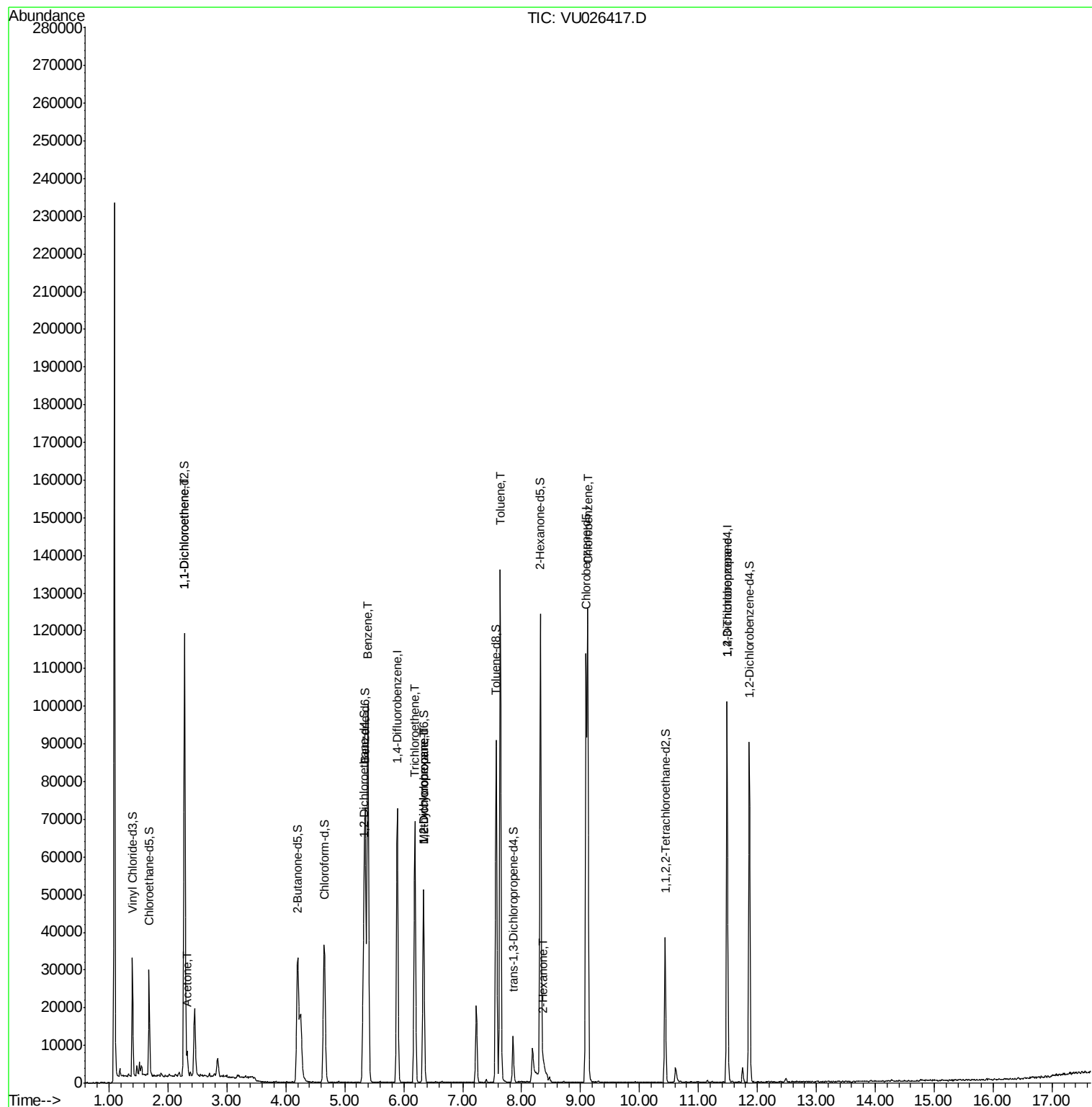
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.28	96	25534	5.340	ug/L	85
13) Acetone	2.33	43	6311	5.944	ug/L	98
33) Benzene	5.39	78	96225	4.849	ug/L	100
34) Trichloroethene	6.19	95	23553	4.395	ug/L	96
35) Methylcyclohexane	6.34	83	5363	0.704	ug/L #	18
37) 1,2-Dichloropropane	6.34	63	2860	0.520	ug/L #	89
42) Toluene	7.64	91	96336	4.764	ug/L	100
48) 2-Hexanone	8.37	43	1387	0.604	ug/L #	75
51) Chlorobenzene	9.12	112	63020	4.804	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	3266	1.027	ug/L	90

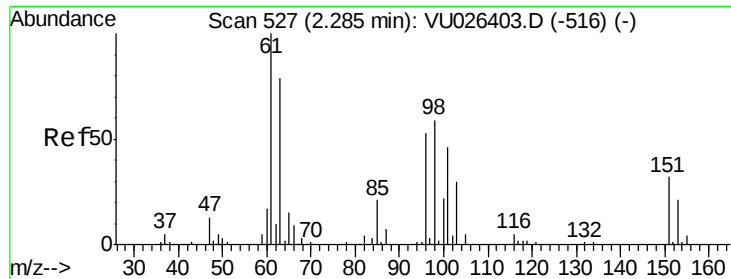
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.340 ug/L

RT: 2.28 min Scan# 527

Delta R.T. -0.00 min

Lab File: VU026417.D

Acq: 28 Aug 2018 23:21

Instrument :
MSVOA_U
ClientSampleId :

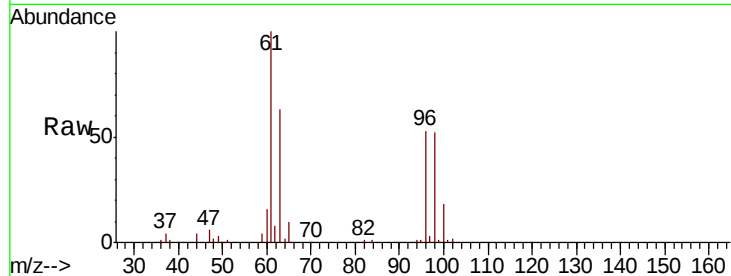
Tot Ion: 96 Resp: 25534

Ion Ratio Lower Upper

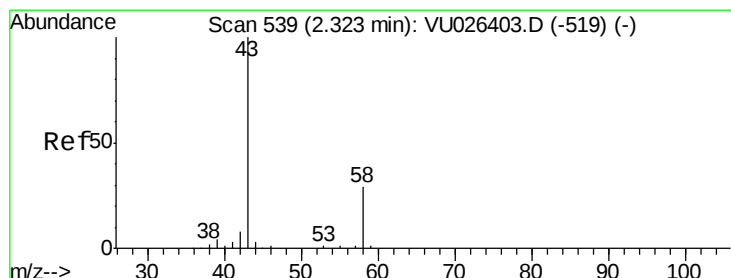
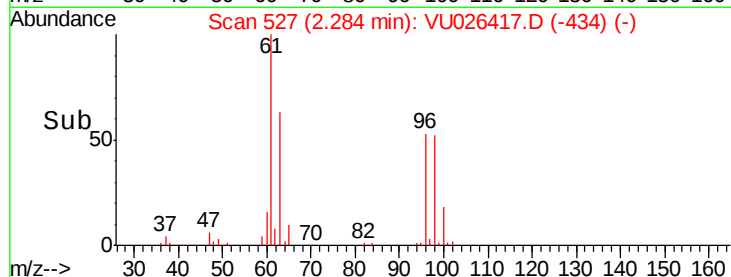
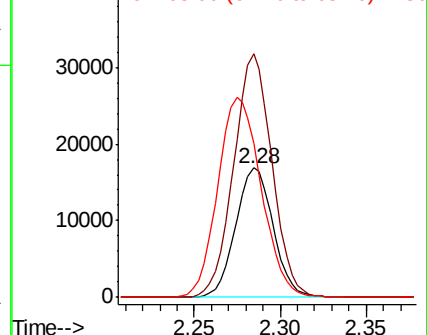
96 100

61 188.2 133.5 247.9

63 119.0 112.3 208.7



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 5.944 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU026417.D

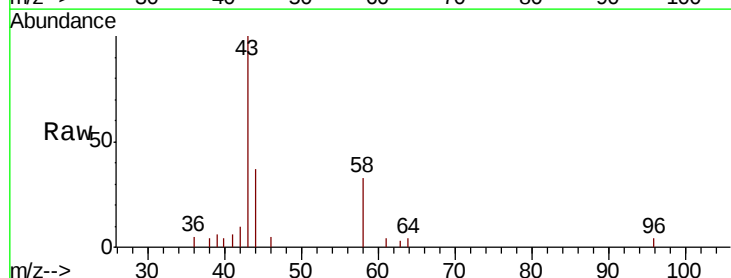
Acq: 28 Aug 2018 23:21

Tgt Ion: 43 Resp: 6311

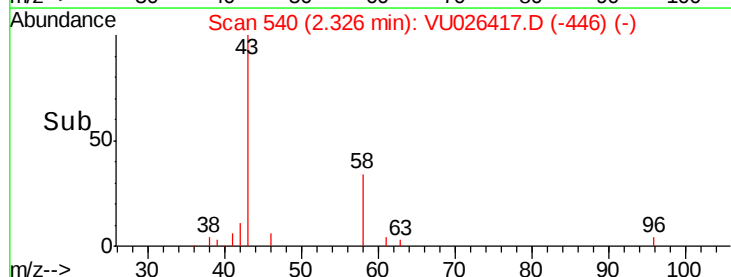
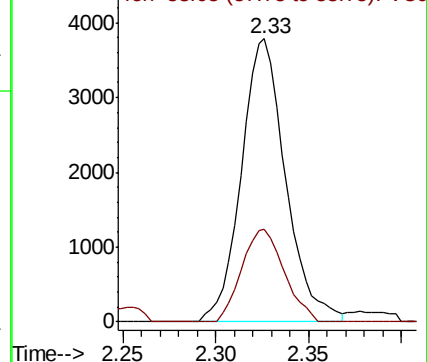
Ion Ratio Lower Upper

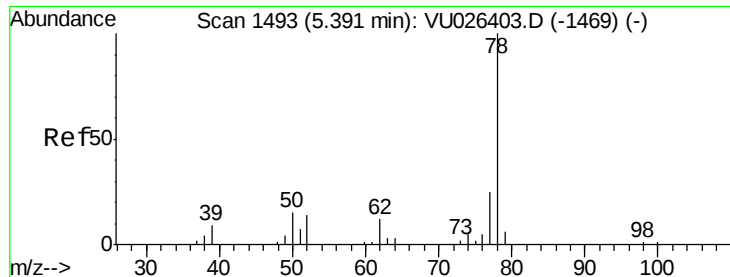
43 100

58 31.2 0.0 60.6



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0

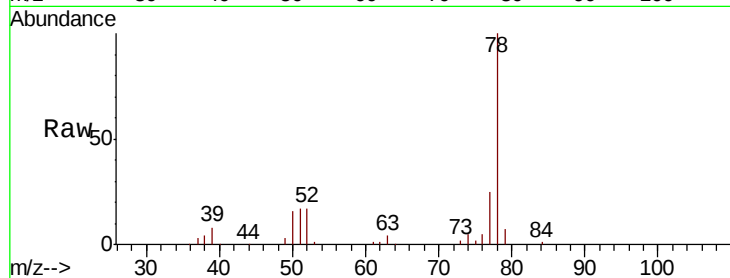




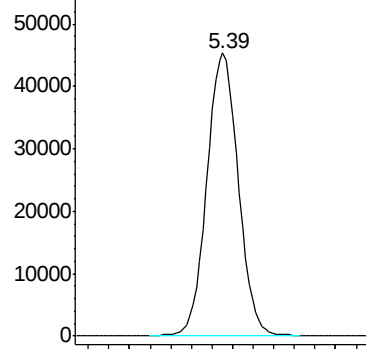
#33
Benzene
Concen: 4.849 ug/L
RT: 5.39 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VU026417.D
Acq: 28 Aug 2018 23:21

Instrument :
MSVOA_U
ClientSampleId :

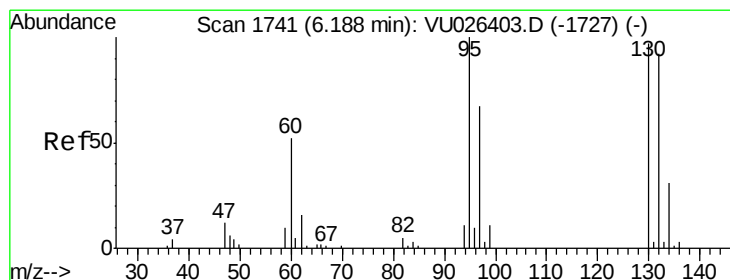
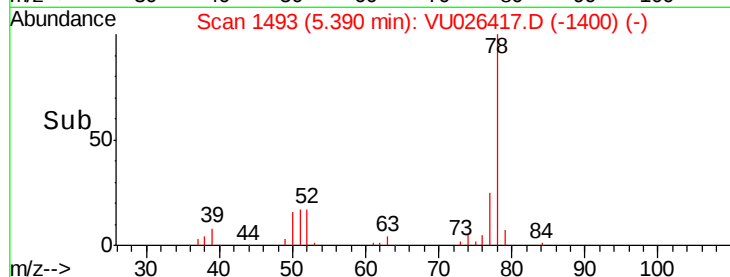
Tgt Ion: 78 Resp: 96225



Abundance Ion 78.10 (77.80 to 78.80): VU0

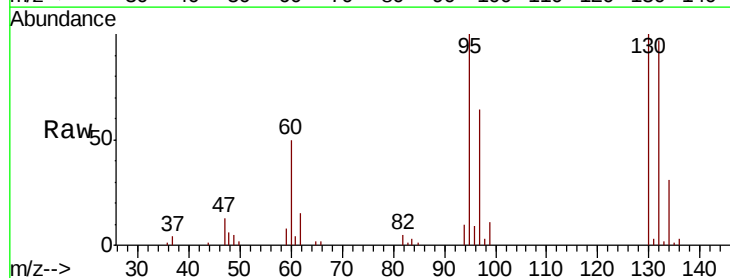


Time-->



#34
Trichloroethene
Concen: 4.395 ug/L
RT: 6.19 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VU026417.D
Acq: 28 Aug 2018 23:21

Tgt Ion: 95 Resp: 23553
Ion Ratio Lower Upper
95 100
97 64.0 46.6 86.6
132 97.0 64.2 119.2
130 99.6 68.2 126.6

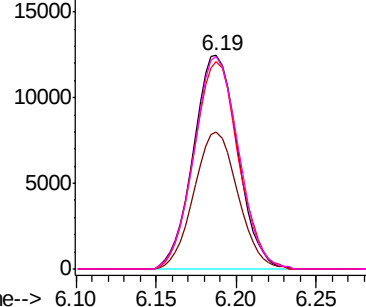


Abundance Ion 95.00 (94.70 to 95.70): VU0

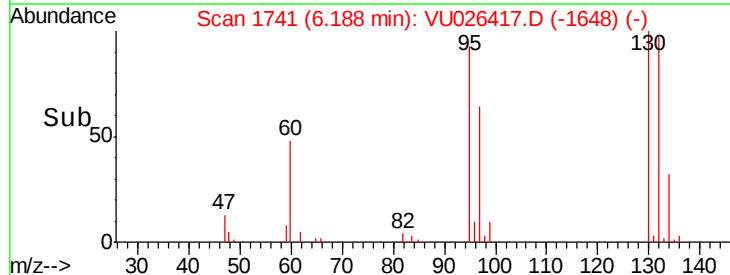
Ion 96.95 (96.65 to 97.65): VU0

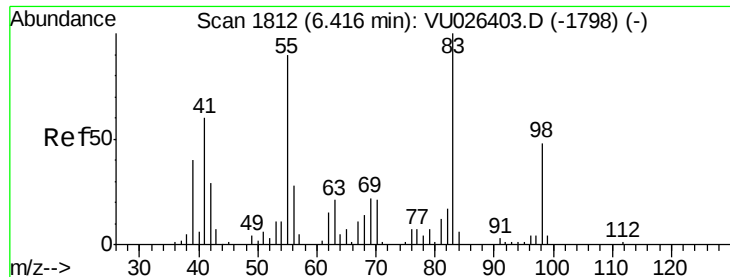
Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->

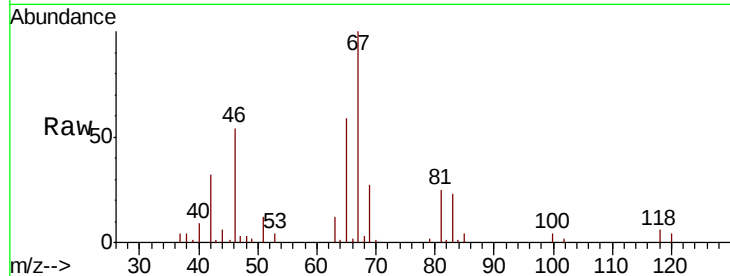




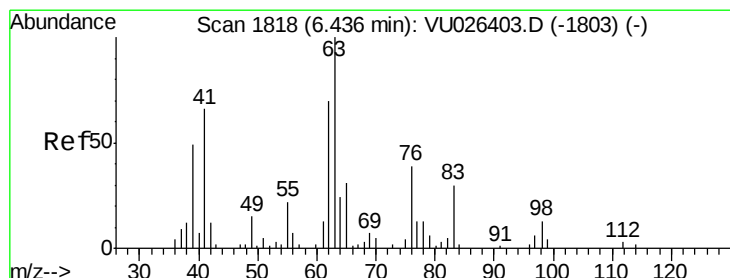
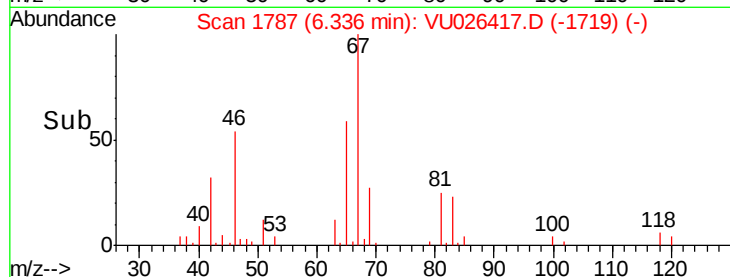
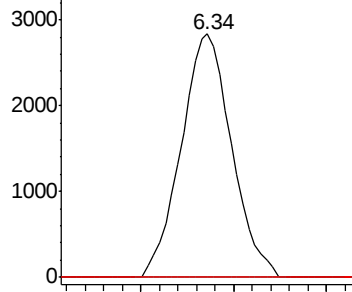
#35
Methvlcvclohexane
Concen: 0.704 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.08 min
Lab File: VU026417.D
Acq: 28 Aug 2018 23:21

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 5363
Ion Ratio Lower Upper
83 100
55 0.0 68.1 102.1#
98 5.9 36.0 54.0#

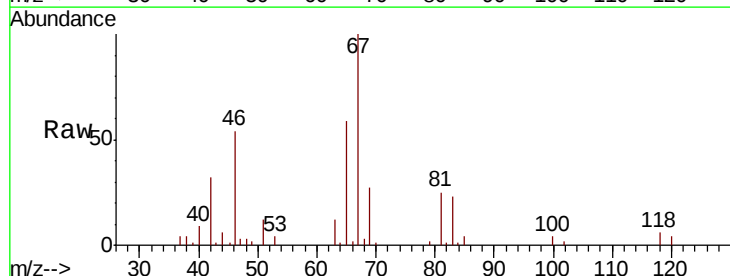


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

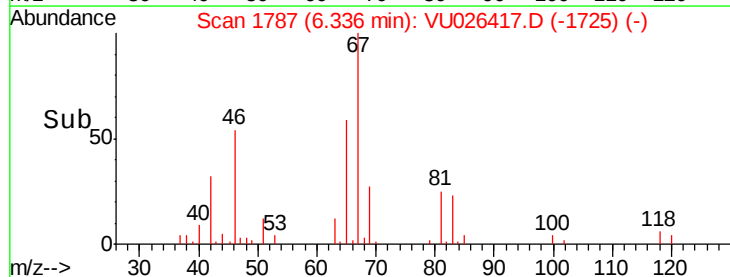
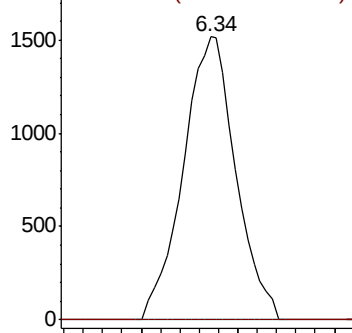


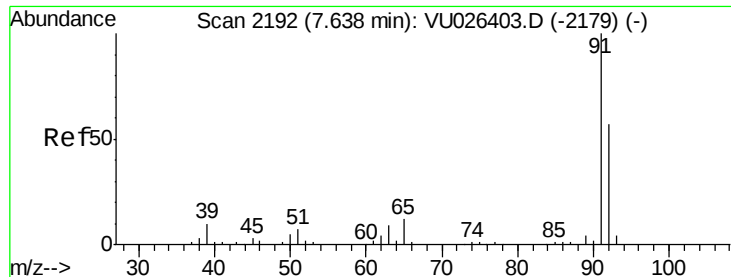
#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.34 min Scan# 1787
Delta R.T. -0.10 min
Lab File: VU026417.D
Acq: 28 Aug 2018 23:21

Tgt Ion: 63 Resp: 2860
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V





#42

Toluene

Concen: 4.764 ug/L

RT: 7.64 min Scan# 2192

Delta R.T. -0.00 min

Lab File: VU026417.D

Acq: 28 Aug 2018 23:21

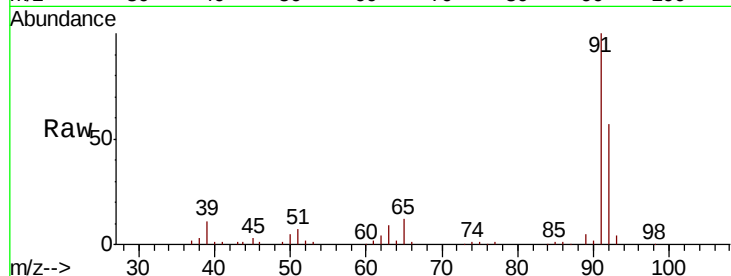
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 91 Resp: 96336

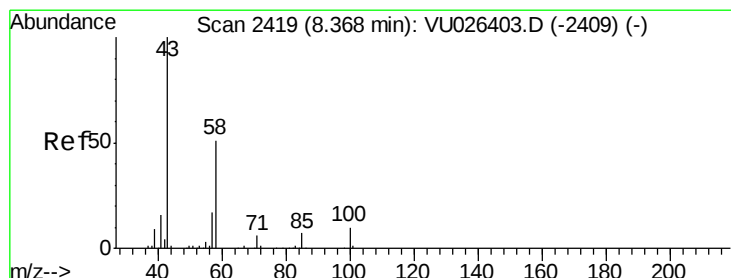
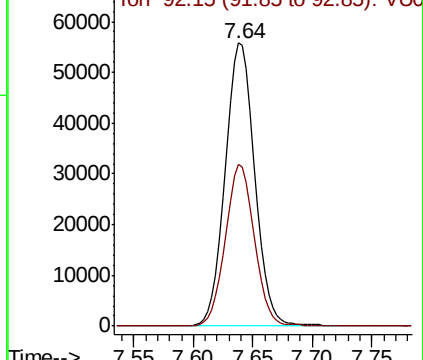
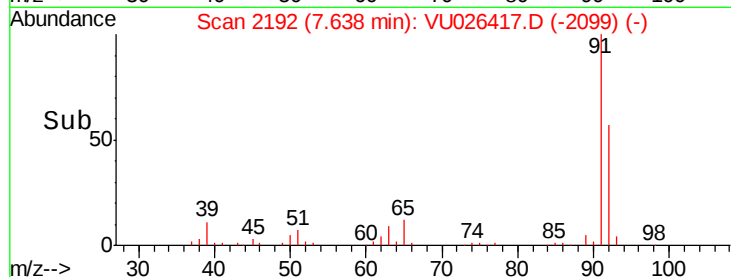
Ion Ratio Lower Upper

91 100

92 57.3 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VU026417.D (-2099) (-)



#48

2-Hexanone

Concen: 0.604 ug/L

RT: 8.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VU026417.D

Acq: 28 Aug 2018 23:21

Tgt Ion: 43 Resp: 1387

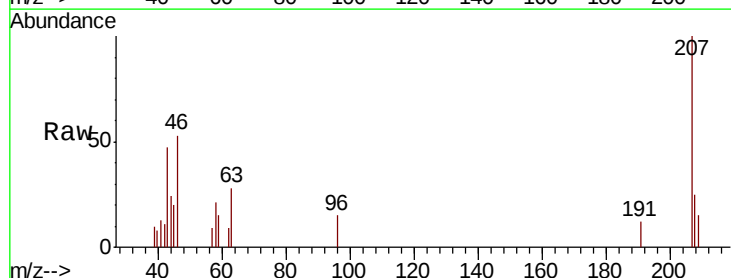
Ion Ratio Lower Upper

43 100

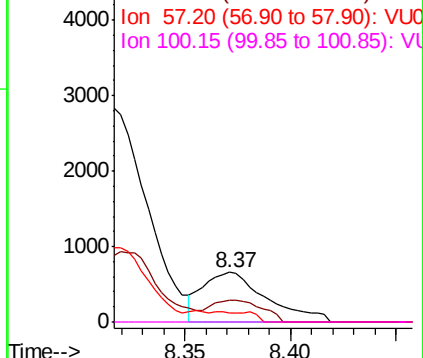
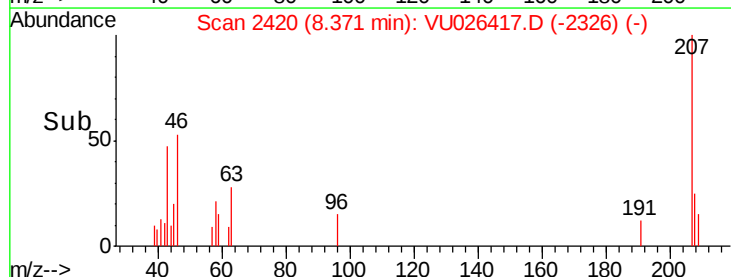
58 36.7 40.5 60.7#

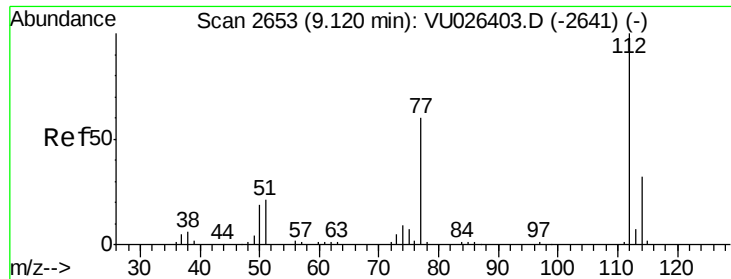
57 0.0 14.0 21.0#

100 0.0 7.6 11.4#



Abundance Ion 43.05 (42.75 to 43.75): VU026417.D (-2326) (-)

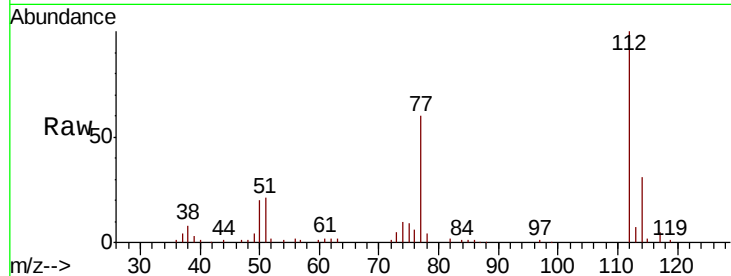




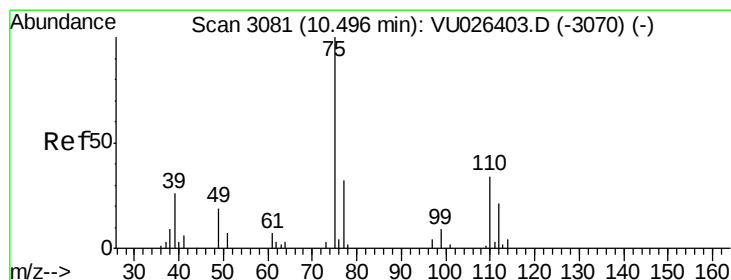
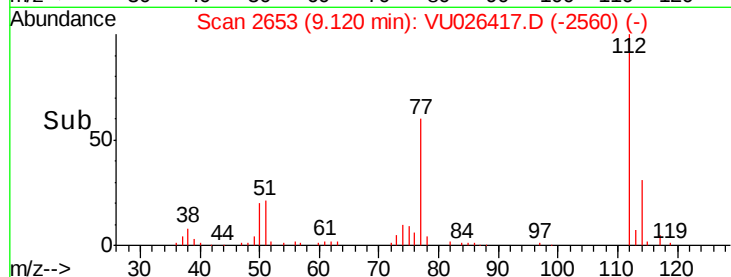
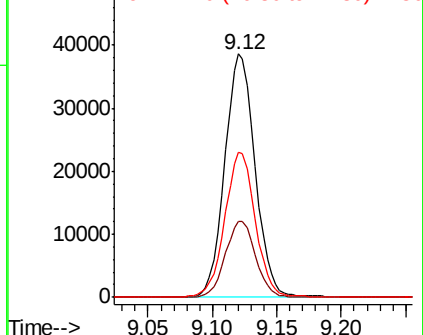
#51
Chlorobenzene
Concen: 4.804 ug/L
RT: 9.12 min Scan# 2653
Delta R.T. -0.00 min
Lab File: VU026417.D
Acq: 28 Aug 2018 23:21

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:112 Resp: 63020
Ion Ratio Lower Upper
112 100
114 31.2 22.3 41.3
77 59.7 48.4 72.6

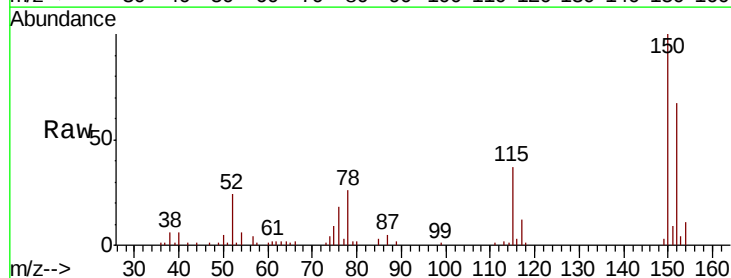


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#59
1,2,3-Trichloropropane
Concen: 1.027 ug/L
RT: 11.48 min Scan# 3388
Delta R.T. 0.99 min
Lab File: VU026417.D
Acq: 28 Aug 2018 23:21

Tgt Ion: 75 Resp: 3266
Ion Ratio Lower Upper
75 100
77 37.0 25.0 37.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

