

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091618\
 Data File : VU026778.D
 Acq On : 15 Sep 2018 15:23
 Operator : MD/SY
 Sample : J4864-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK01

Quant Time: Sep 17 05:19:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091618WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 05:13:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133924	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	116866	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	50699	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	52299	5.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.80%
7) Chloroethane-d5	1.68	69	42405	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.27	63	73302	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	4.20	46	108257	48.22	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.44%
24) Chloroform-d	4.65	84	72910	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.31	65	43484	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.34	84	170946	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.33	67	54716	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.57	98	145032	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	17243	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.32	63	77681	50.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.94%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	39189	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	54786	5.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.40%

Target Compounds

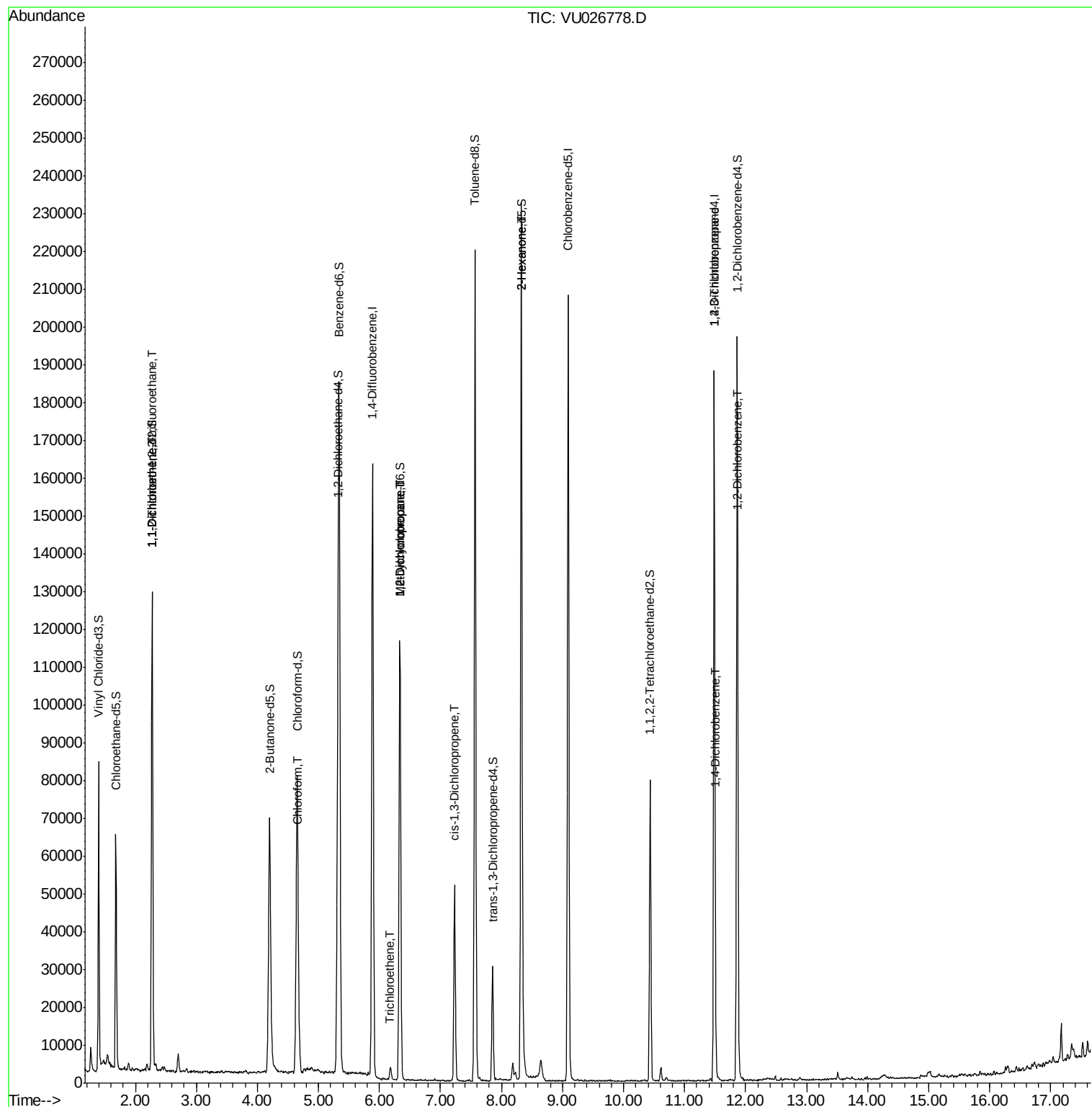
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	722	0.068	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	609	0.061	ug/L #	1
25) Chloroform	4.67	83	8952	0.454	ug/L	97
34) Trichloroethene	6.18	95	976	0.088	ug/L	96
35) Methylcyclohexane	6.34	83	13004	0.718	ug/L #	17
37) 1,2-Dichloropropane	6.34	63	6099	0.525	ug/L #	87
39) cis-1,3-Dichloropropene	7.23	75	1138	0.073	ug/L #	69
48) 2-Hexanone	8.32	43	9634	1.992	ug/L #	68
59) 1,2,3-Trichloropropane	11.48	75	5974	0.875	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	1730	0.084	ug/L	92
65) 1,2-Dichlorobenzene	11.88	146	1133	0.059	ug/L #	92

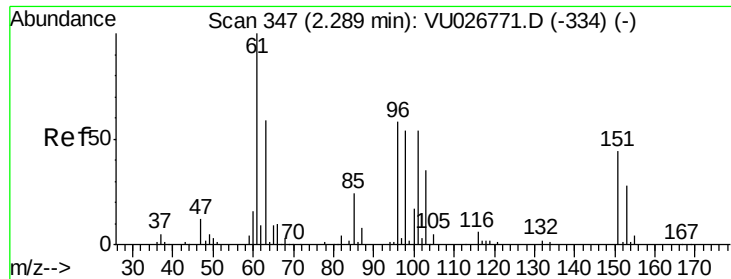
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.068 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026778.D

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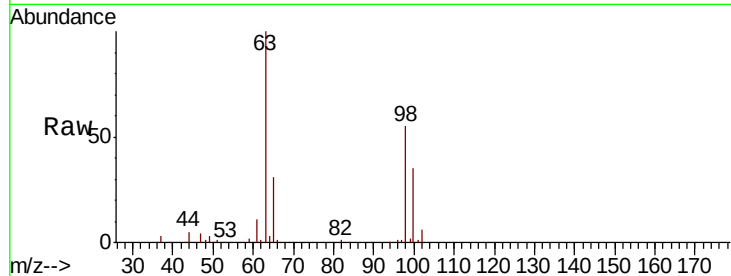
Tgt Ion: 101 Resp: 722

Ion Ratio Lower Upper

101 100

85 0.0 35.1 52.7#

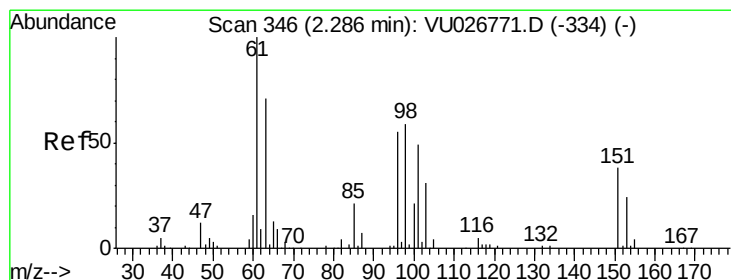
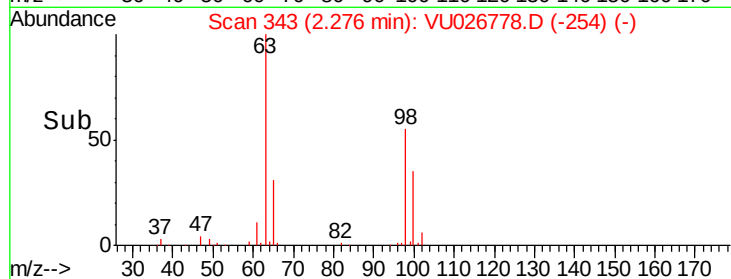
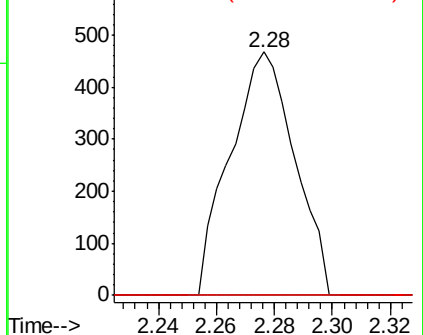
151 0.0 63.3 94.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.061 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU026778.D

Acq: 15 Sep 2018 15:23

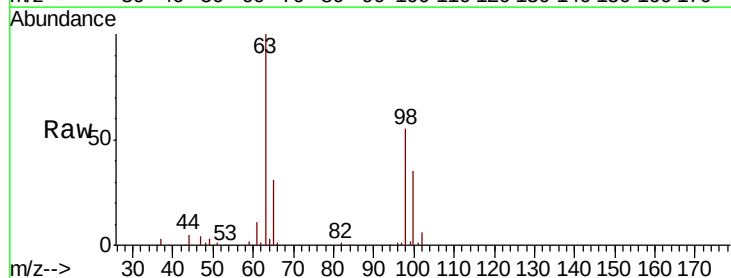
Tgt Ion: 96 Resp: 609

Ion Ratio Lower Upper

96 100

61 1328.4 126.6 235.2#

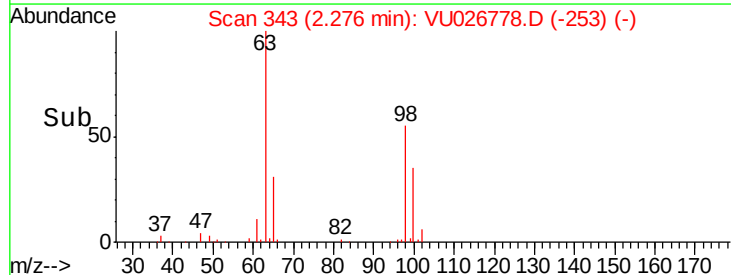
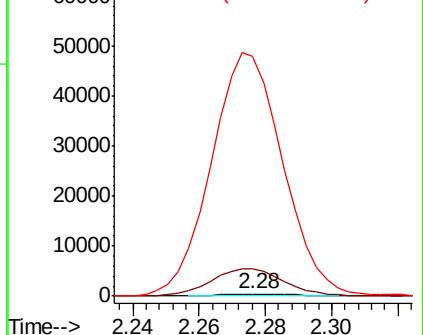
63 11741.2 91.3 169.5#

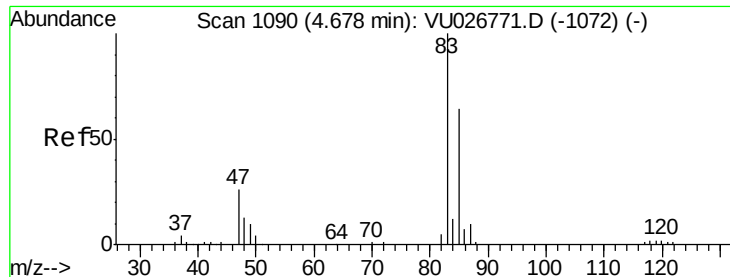


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0

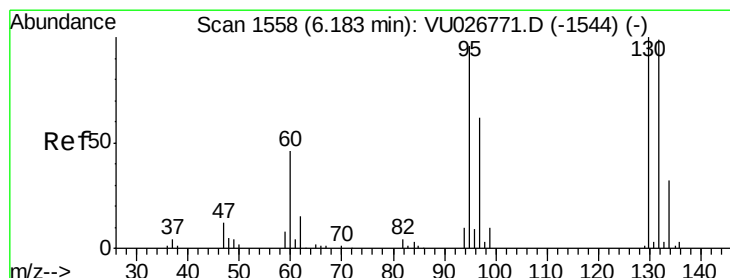
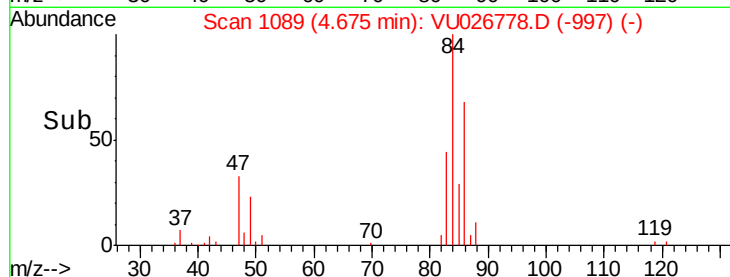
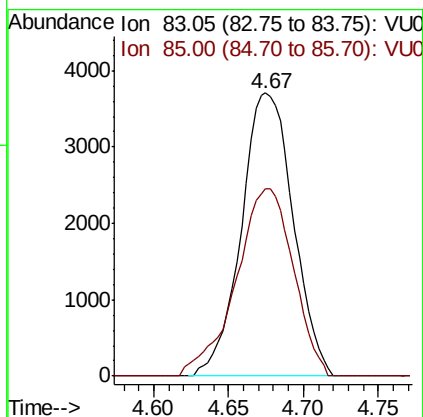
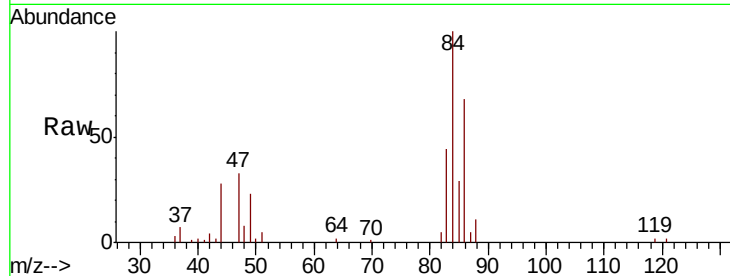




#25
Chloroform
Concen: 0.454 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026778.D
Acq: 15 Sep 2018 15:23

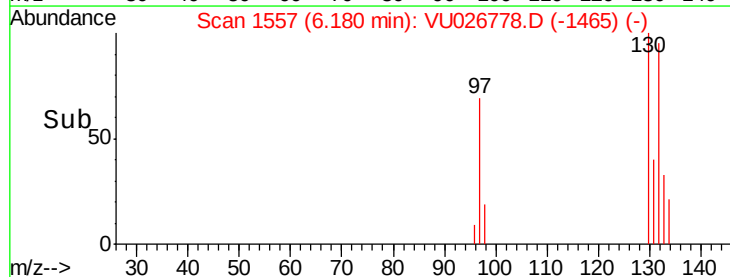
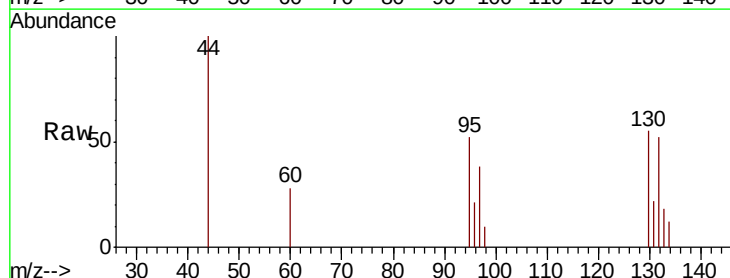
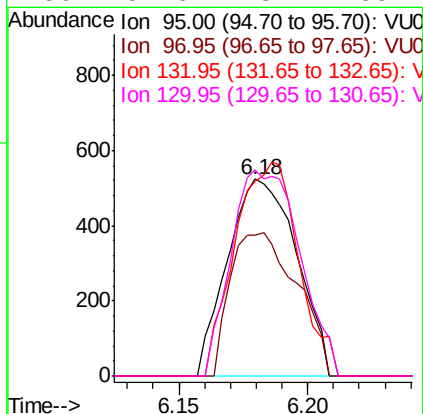
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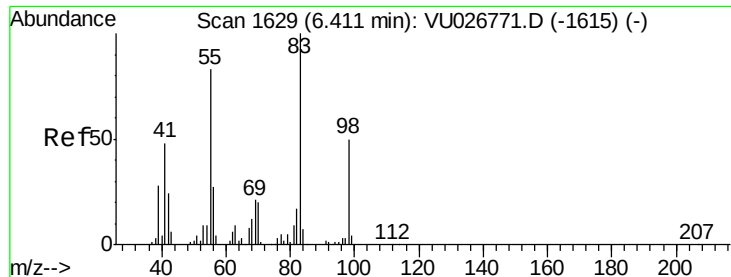
Tgt Ion: 83 Resp: 8952
Ion Ratio Lower Upper
83 100
85 66.2 44.8 83.2



#34
Trichloroethene
Concen: 0.088 ug/L
RT: 6.18 min Scan# 1557
Delta R.T. -0.00 min
Lab File: VU026778.D
Acq: 15 Sep 2018 15:23

Tgt Ion: 95 Resp: 976
Ion Ratio Lower Upper
95 100
97 71.7 45.1 83.9
132 99.0 72.0 133.8
130 104.6 73.1 135.7

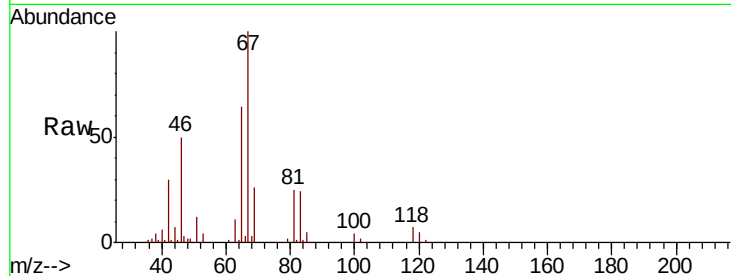




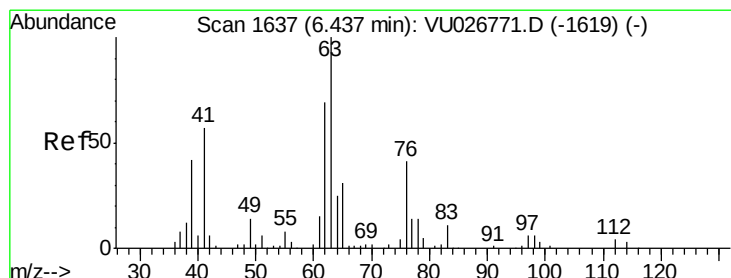
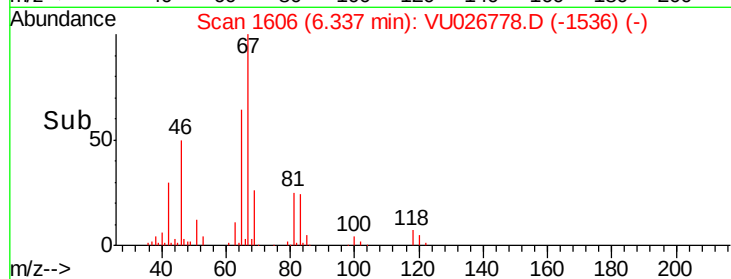
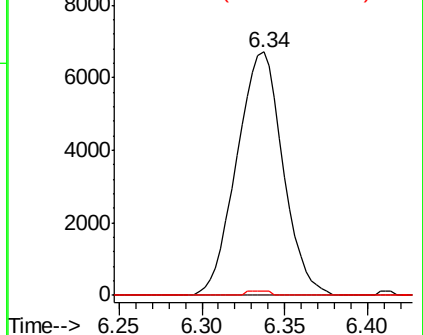
#35
Methylcyclohexane
Concen: 0.718 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.07 min
Lab File: VU026778.D
Acq: 15 Sep 2018 15:23

Instrument :
MSVOA_U
ClientSampleId :
VHBLK01

Tgt Ion: 83 Resp: 13004
Ion Ratio Lower Upper
83 100
55 0.0 64.9 97.3#
98 0.9 39.3 58.9#

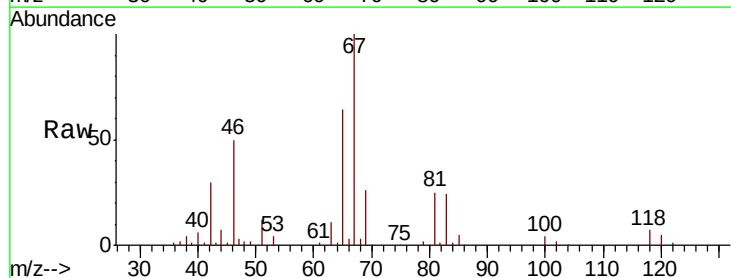


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

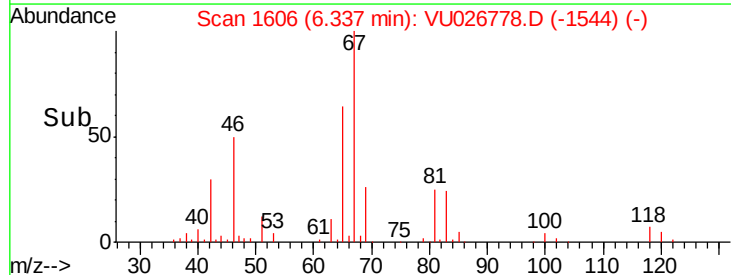
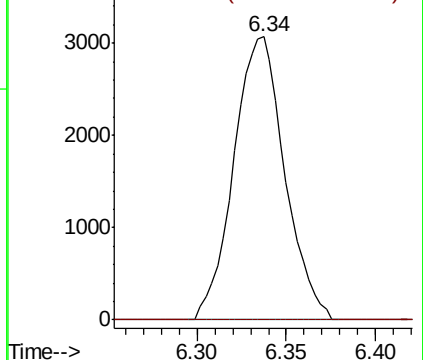


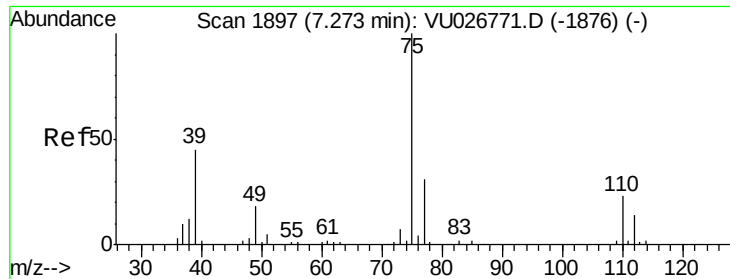
#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.34 min Scan# 1606
Delta R.T. -0.10 min
Lab File: VU026778.D
Acq: 15 Sep 2018 15:23

Tgt Ion: 63 Resp: 6099
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



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

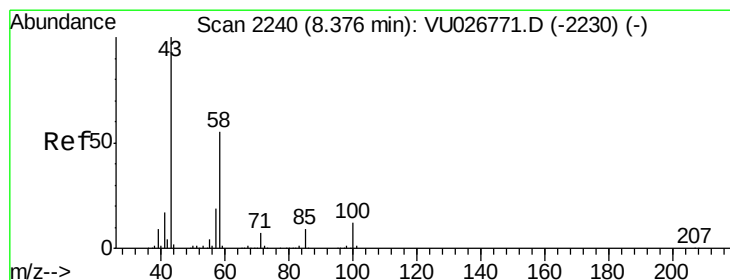
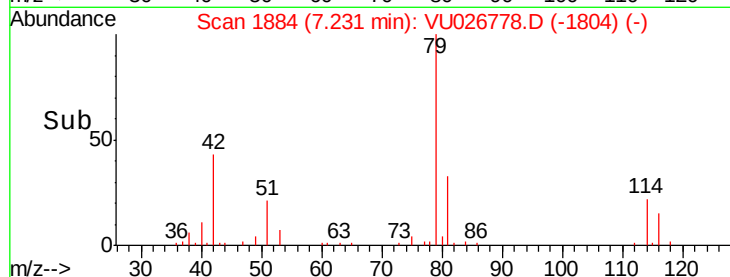
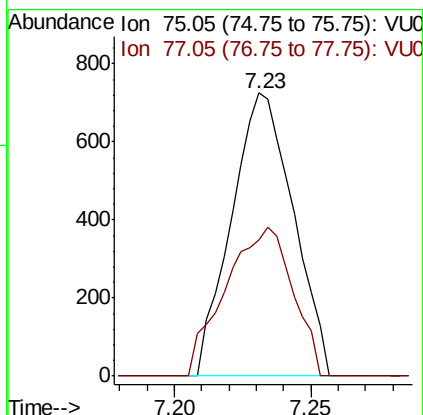
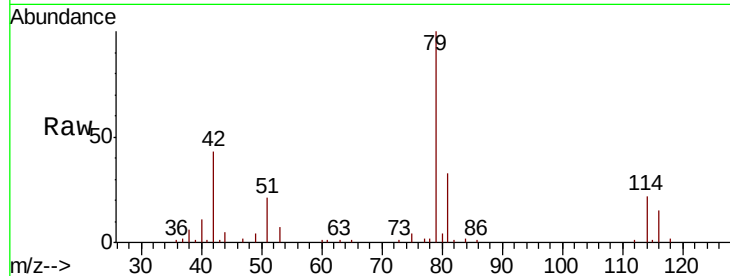




#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026778.D
 Acq: 15 Sep 2018 15:23

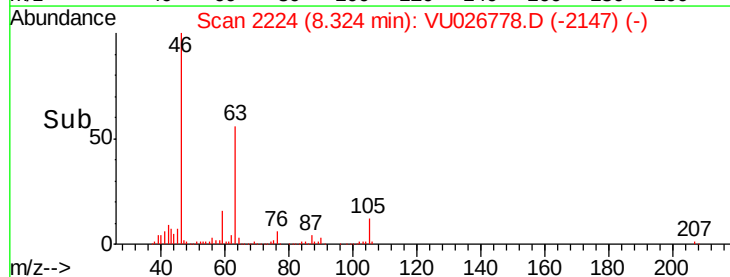
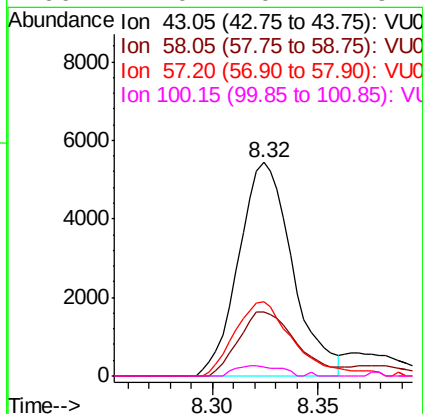
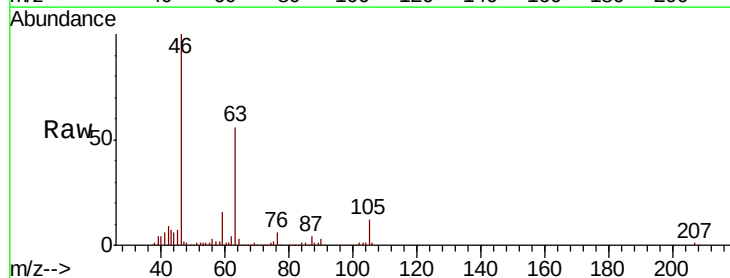
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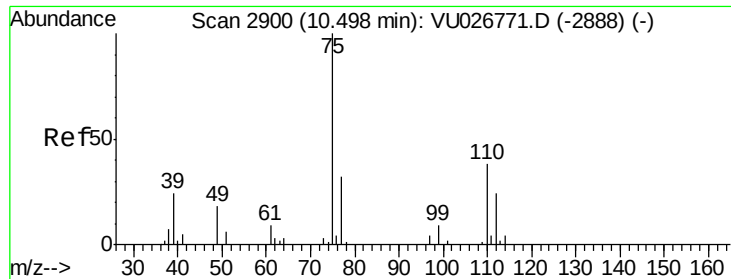
Tgt Ion: 75 Resp: 1138
 Ion Ratio Lower Upper
 75 100
 77 48.1 21.7 40.3#



#48
 2-Hexanone
 Concen: 1.992 ug/L
 RT: 8.32 min Scan# 2224
 Delta R.T. -0.05 min
 Lab File: VU026778.D
 Acq: 15 Sep 2018 15:23

Tgt Ion: 43 Resp: 9634
 Ion Ratio Lower Upper
 43 100
 58 32.2 43.7 65.5#
 57 38.1 15.2 22.8#
 100 4.0 10.1 15.1#

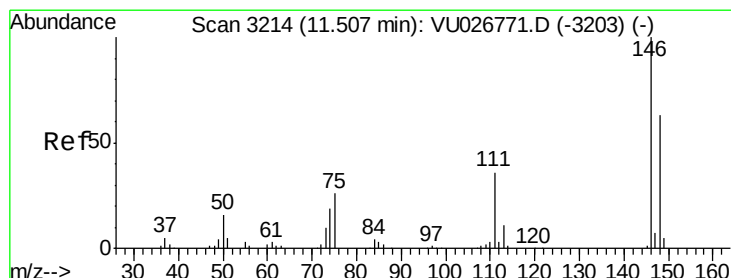
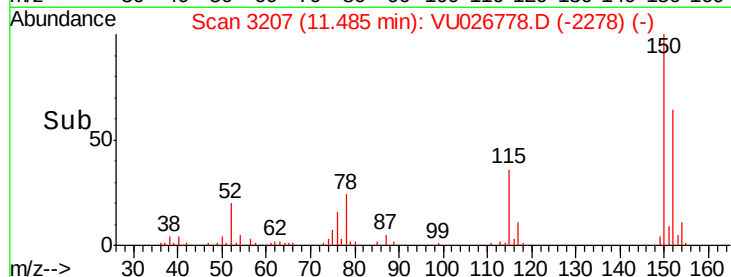
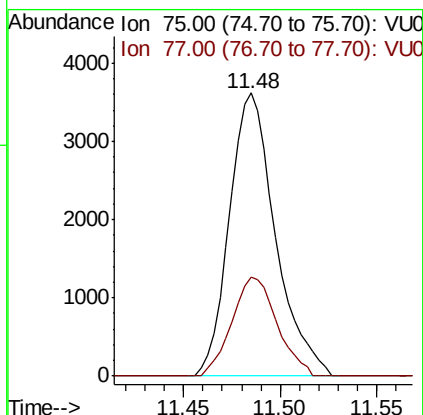
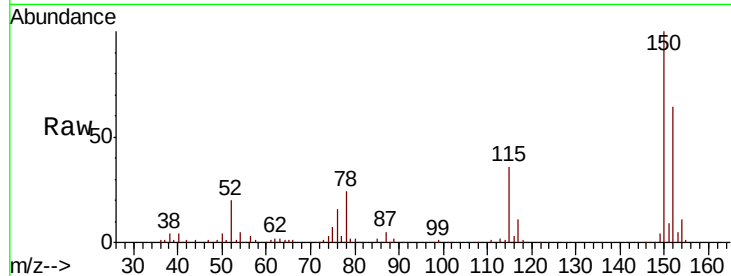




#59
 1,2,3-Trichloropropane
 Concen: 0.875 ug/L
 RT: 11.48 min Scan# 3207
 Delta R.T. 0.99 min
 Lab File: VU026778.D
 Acq: 15 Sep 2018 15:23

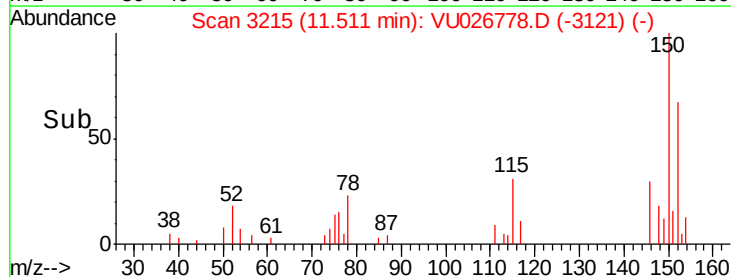
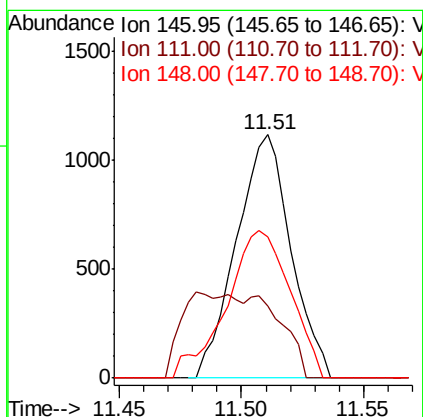
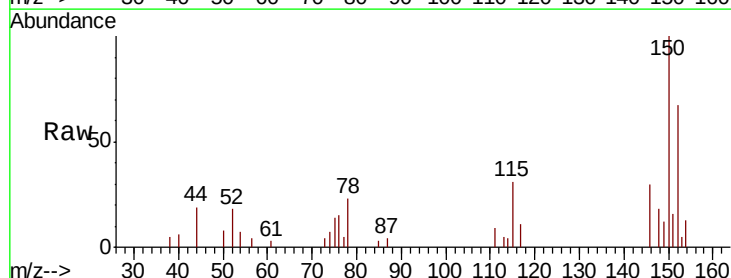
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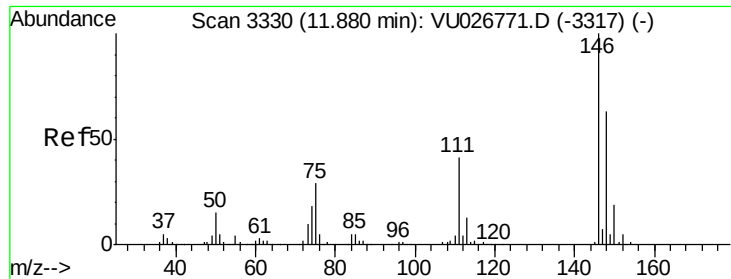
Tgt Ion: 75 Resp: 5974
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.9 38.9



#63
 1,4-Dichlorobenzene
 Concen: 0.084 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026778.D
 Acq: 15 Sep 2018 15:23

Tgt Ion: 146 Resp: 1730
 Ion Ratio Lower Upper
 146 100
 111 29.8 25.3 46.9
 148 58.0 44.5 82.7





#65
 1,2-Dichlorobenzene
 Concen: 0.059 ug/L
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU026778.D
 Acq: 15 Sep 2018 15:23

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Tgt Ion	Ratio	Lower	Upper
146	100		
111	51.9	32.5	48.7#
148	62.0	50.5	75.7

