

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101718\
 Data File : VU027671.D
 Acq On : 17 Oct 2018 12:11
 Operator : MD/SY
 Sample : J5463-09DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0JC0DL

Quant Time: Oct 19 06:48:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 06:41:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	118523	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	110905	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34428	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	27275	3.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.00%
11) 1,1-Dichloroethene-d2	2.28	63	47559	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.22	46	103095	38.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.98%
24) Chloroform-d	4.65	84	56135	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.40%
26) 1,2-Dichloroethane-d4	5.32	65	31142	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
32) Benzene-d6	5.34	84	120386	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.33	67	41461	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.57	98	113181	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.85	79	17289	3.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.40%
46) 2-Hexanone-d5	8.32	63	88845	38.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.98%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	30321	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	41184	4.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.20%

Target Compounds

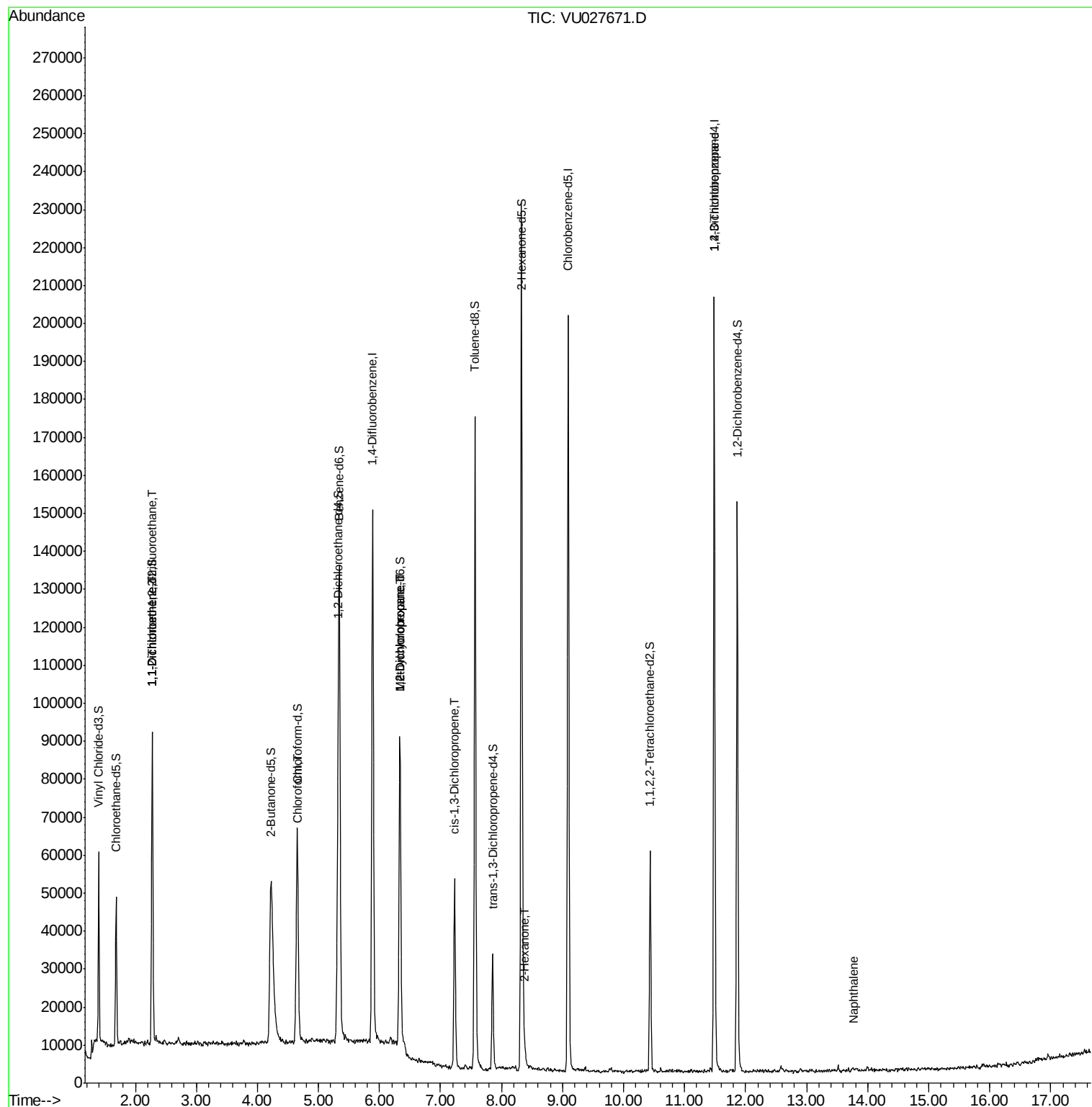
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	394	0.049 ug/L #	39
12) 1,1-Dichloroethene	2.28	96	889	0.111 ug/L #	1
25) Chloroform	4.67	83	1237	0.076 ug/L	83
35) Methylcyclohexane	6.33	83	8757	0.541 ug/L #	19
37) 1,2-Dichloropropane	6.34	63	4509	0.433 ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1168	0.077 ug/L #	33
48) 2-Hexanone	8.38	43	2378	0.472 ug/L #	91
59) 1,2,3-Trichloropropane	11.48	75	6625	1.106 ug/L	96
69) Naphthalene	13.76	128	1019	0.048 ug/L #	69

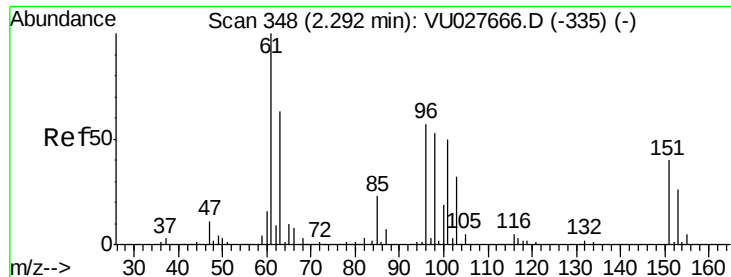
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.049 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU027671.D

Acq: 17 Oct 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

C0JC0DL

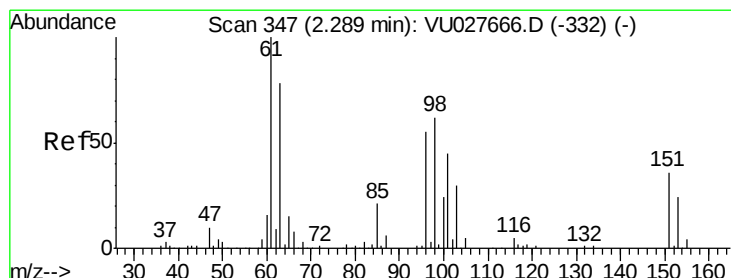
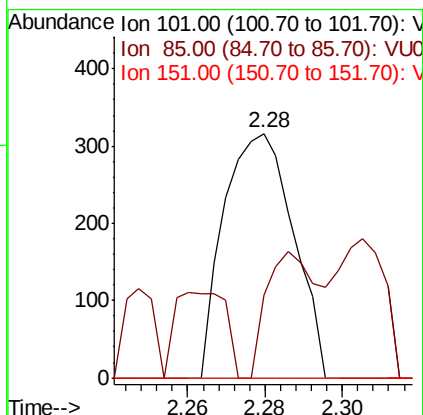
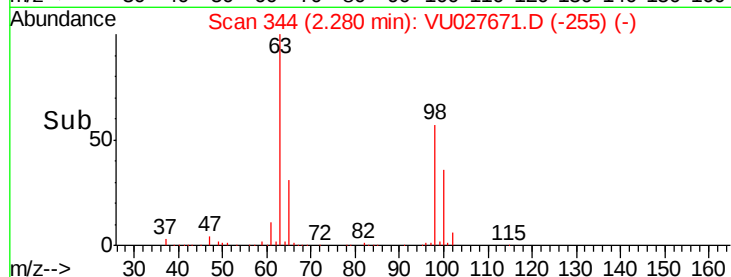
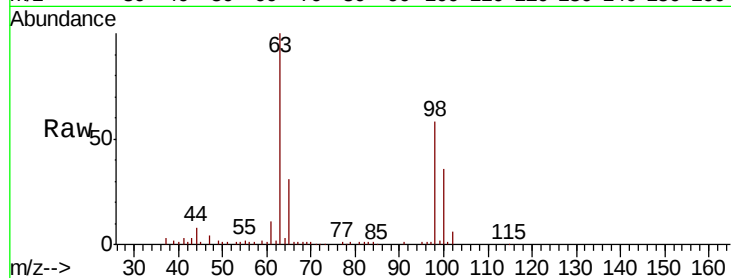
Tgt Ion: 101 Resp: 394

Ion Ratio Lower Upper

101 100

85 39.3 35.6 53.4

151 0.0 63.8 95.6#



#12

1,1-Dichloroethene

Concen: 0.111 ug/L

RT: 2.28 min Scan# 343

Delta R.T. -0.01 min

Lab File: VU027671.D

Acq: 17 Oct 2018 12:11

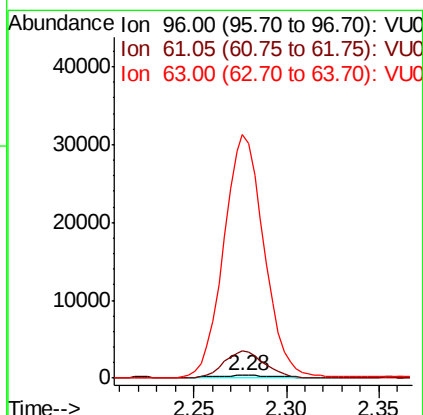
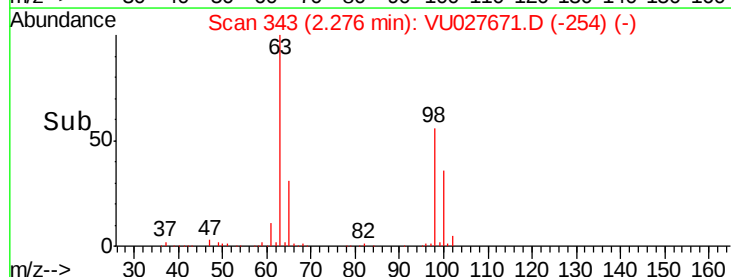
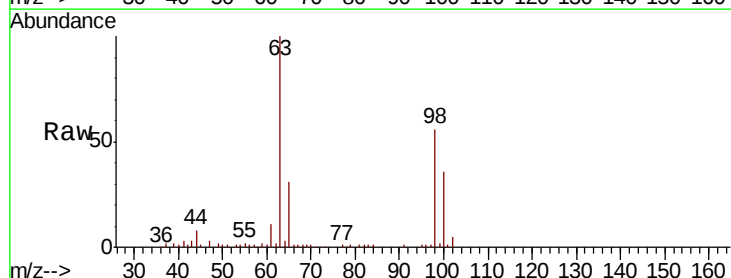
Tgt Ion: 96 Resp: 889

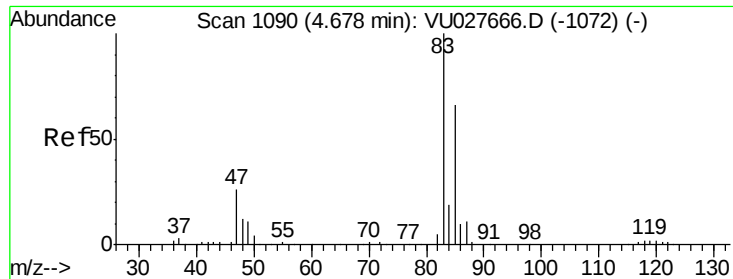
Ion Ratio Lower Upper

96 100

61 981.7 125.6 233.2#

63 8939.4 97.6 181.2#

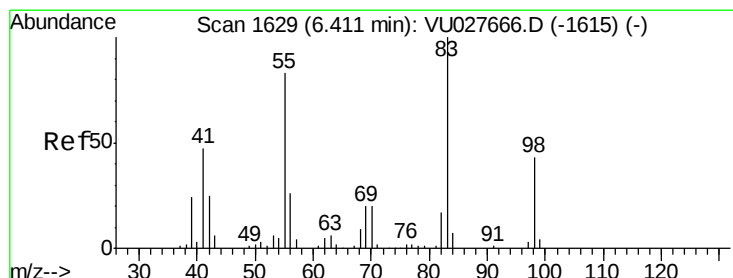
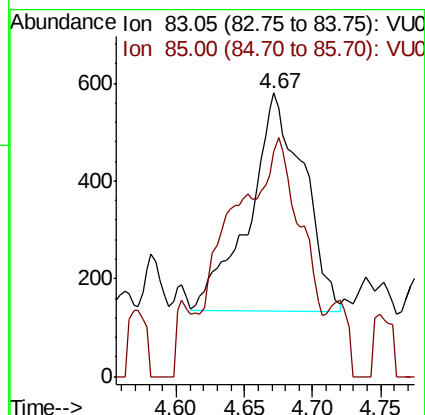
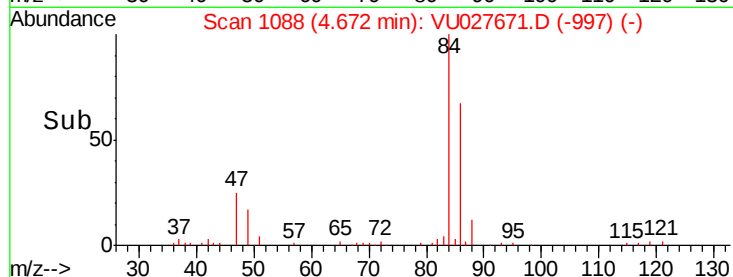
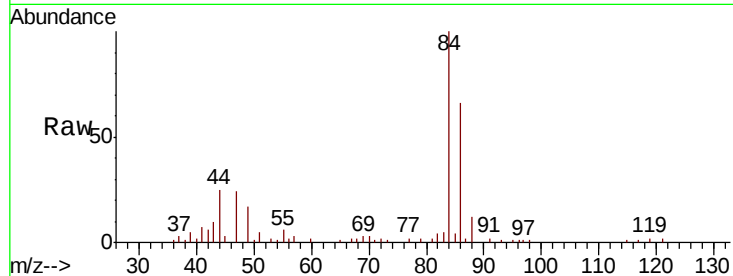




#25
Chloroform
Concen: 0.076 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VU027671.D
Acq: 17 Oct 2018 12:11

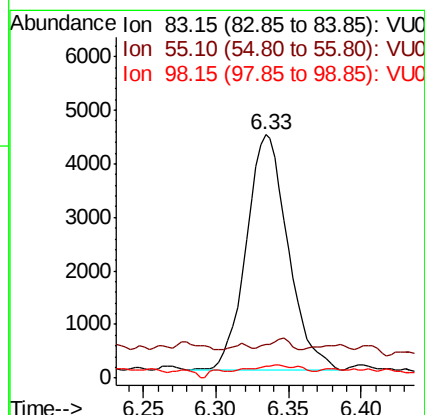
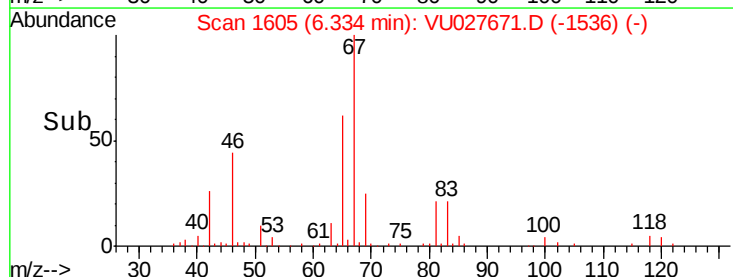
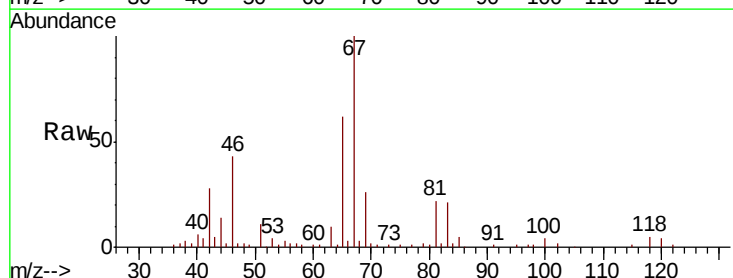
Instrument :
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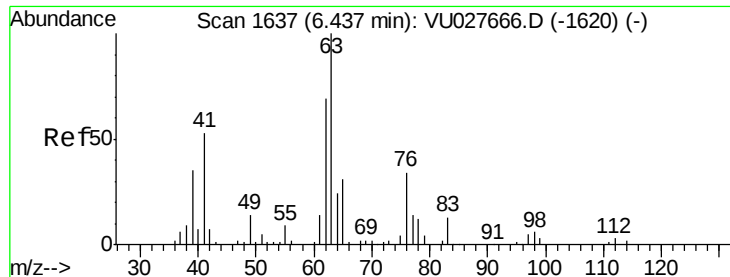
Tgt Ion: 83 Resp: 1237
Ion Ratio Lower Upper
83 100
85 79.1 46.1 85.7



#35
Methylcyclohexane
Concen: 0.541 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU027671.D
Acq: 17 Oct 2018 12:11

Tgt Ion: 83 Resp: 8757
Ion Ratio Lower Upper
83 100
55 3.6 69.0 103.4#
98 2.6 35.4 53.2#

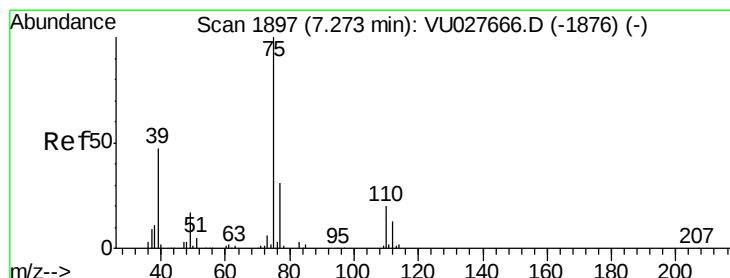
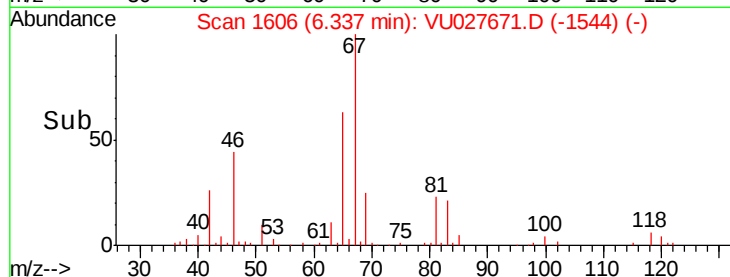
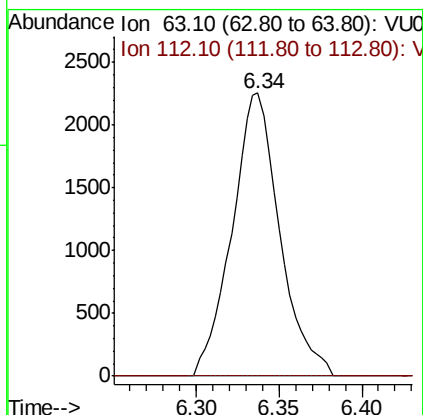
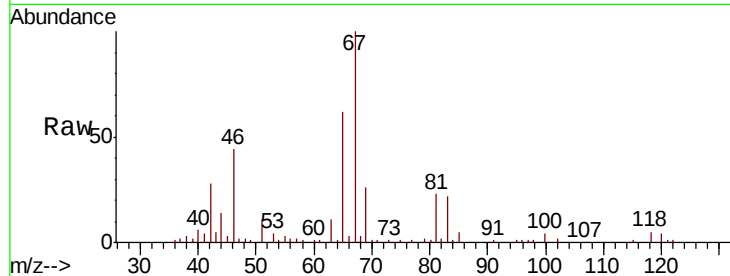




#37
 1,2-Dichloropropane
 Concen: 0.433 ug/L
 RT: 6.34 min Scan# 1606
 Delta R.T. -0.10 min
 Lab File: VU027671.D
 Acq: 17 Oct 2018 12:11

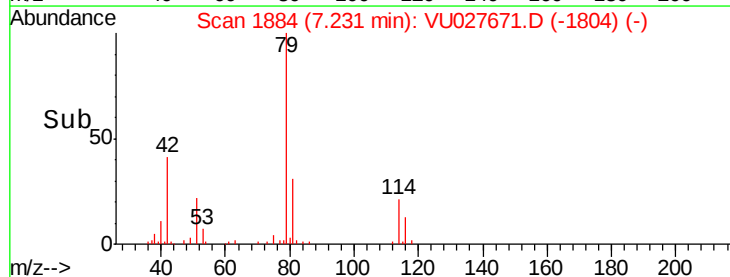
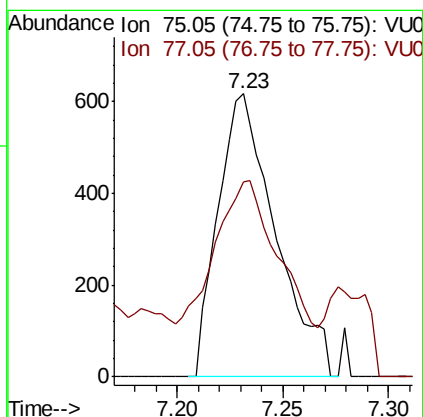
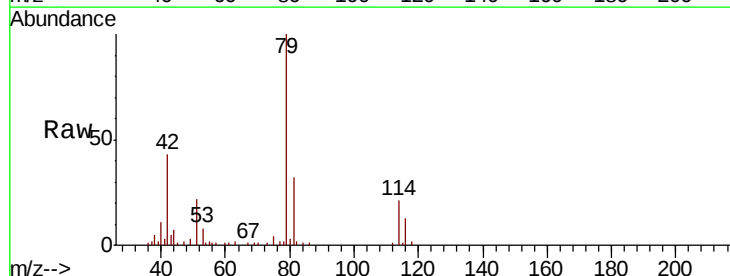
Instrument :
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 ClientSampleId :
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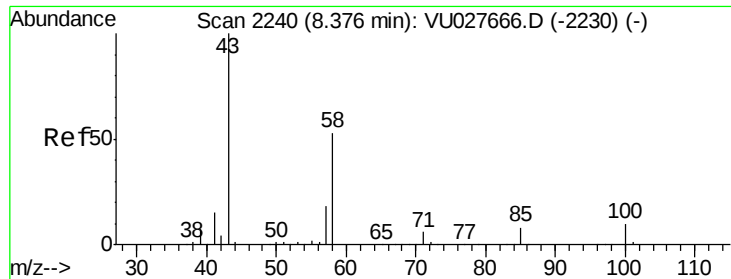
Tgt Ion: 63 Resp: 4509
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.8 4.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.077 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU027671.D
 Acq: 17 Oct 2018 12:11

Tgt Ion: 75 Resp: 1168
 Ion Ratio Lower Upper
 75 100
 77 68.9 22.2 41.2#

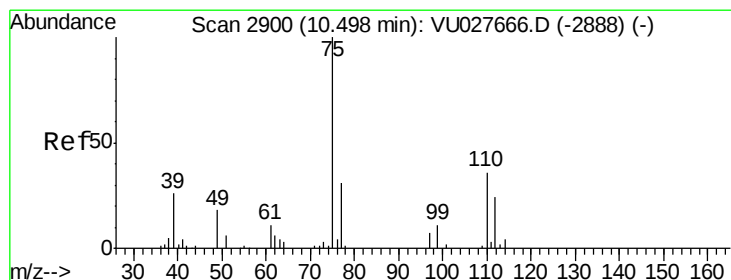
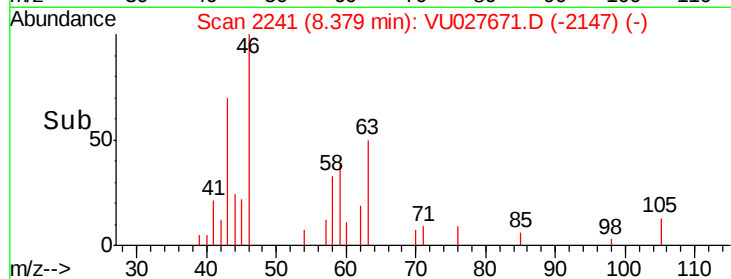
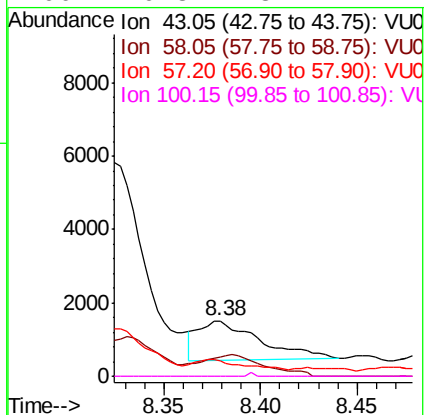
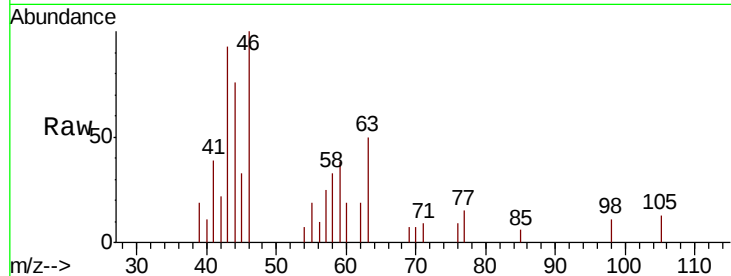




#48
2-Hexanone
Concen: 0.472 ug/L
RT: 8.38 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VU027671.D
Acq: 17 Oct 2018 12:11

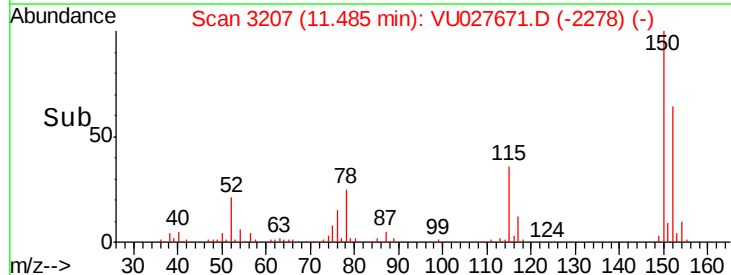
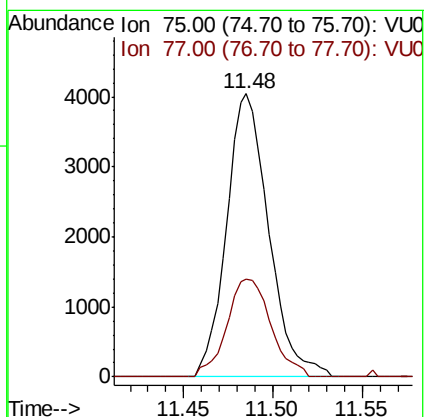
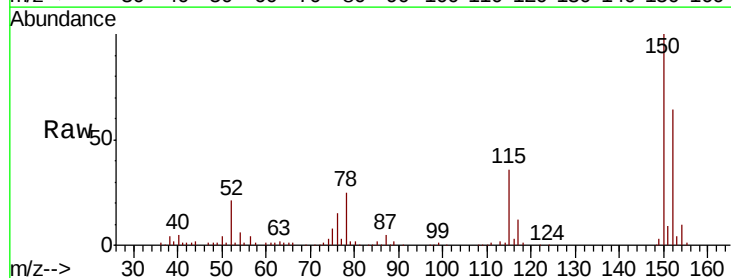
Instrument :
MSVOA_U
ClientSampleId :
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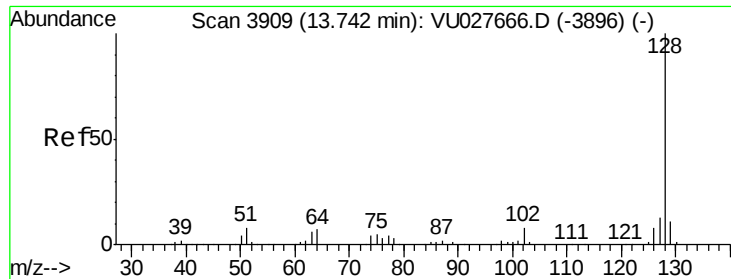
Tgt Ion: 43 Resp: 2378
Ion Ratio Lower Upper
43 100
58 56.5 42.7 64.1
57 24.6 14.5 21.7#
100 0.8 8.1 12.1#



#59
1,2,3-Trichloropropane
Concen: 1.106 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU027671.D
Acq: 17 Oct 2018 12:11

Tgt Ion: 75 Resp: 6625
Ion Ratio Lower Upper
75 100
77 36.1 26.9 40.3





#69

Naphthalene

Concen: 0.048 ug/L

RT: 13.76 min Scan# 3914

Delta R.T. 0.02 min

Lab File: VU027671.D

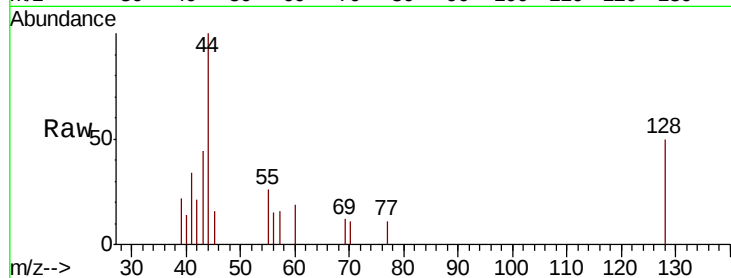
Acq: 17 Oct 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

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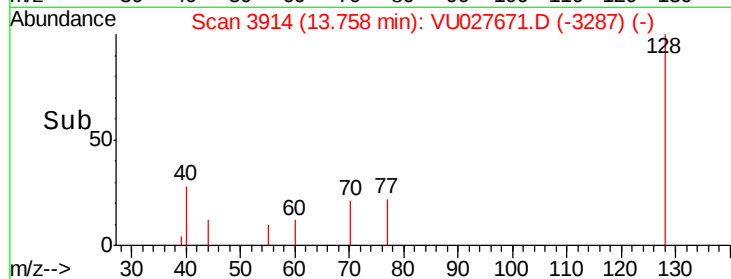
Tgt Ion:128 Resp: 1019

Ion Ratio Lower Upper

128 100

129 0.0 8.7 13.1#

127 0.0 10.5 15.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

