

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038818.D
 Acq On : 11 Jun 2020 12:43
 Operator : SY/MD
 Sample : L2789-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFX78

Quant Time: Jun 12 01:04:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	312870	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	307182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	149151	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93446	4.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.40%
7) Chloroethane-d5	1.93	69	79565	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	2.59	63	148784	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.68	46	353741	57.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.02%
24) Chloroform-d	5.10	84	195959	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.74	65	119159	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.76	84	394348	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.72	67	119605	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.92	98	330545	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	48374	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.65	63	293734	58.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.30%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103614	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	136366	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

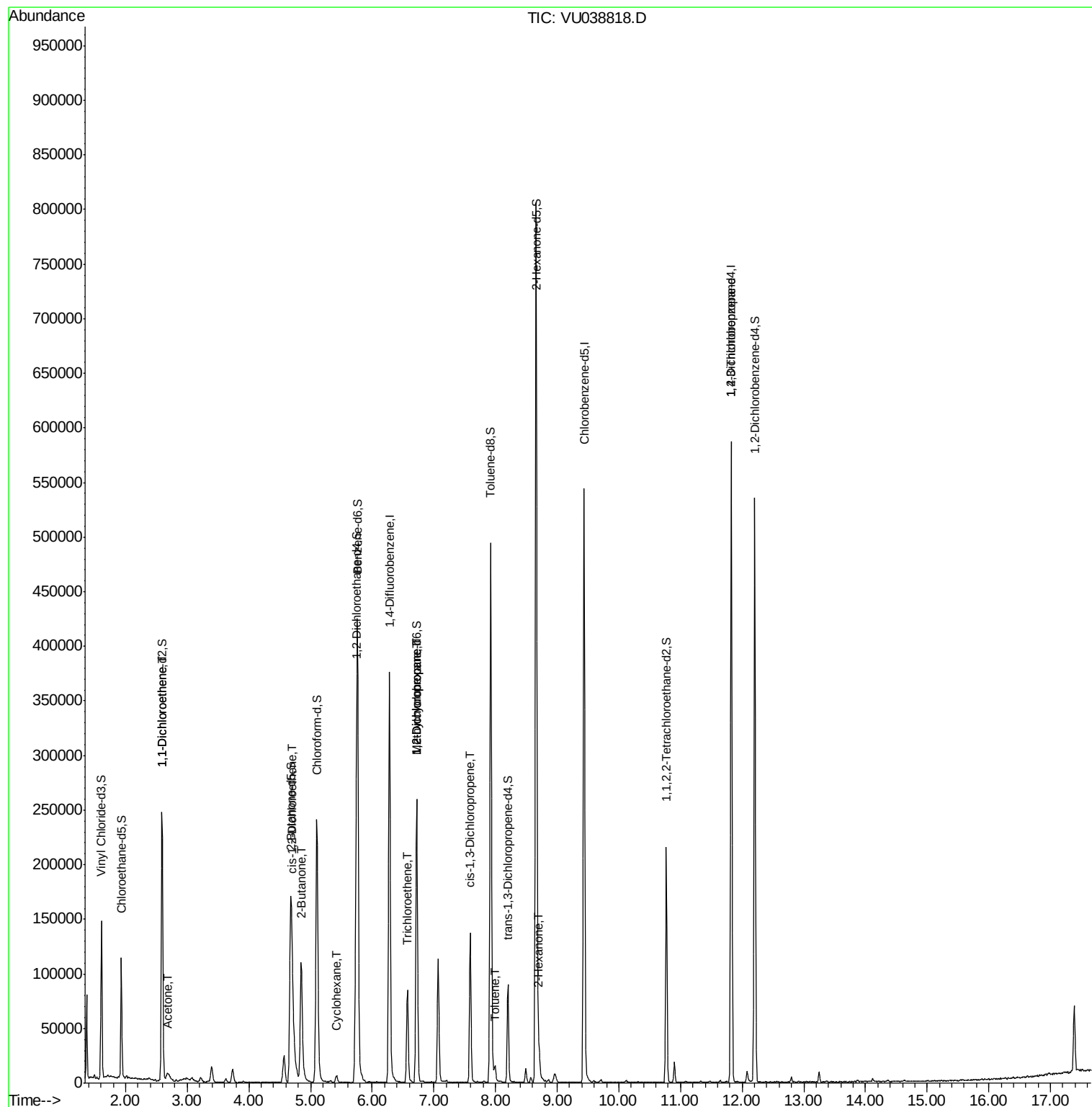
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	5033	0.261	ug/L #	1
13) Acetone	2.68	43	19066	4.736	ug/L	78
21) 2-Butanone	4.85	43	164012	24.222	ug/L #	50
22) cis-1,2-Dichloroethene	4.70	96	2483	0.111	ug/L	99
30) Cyclohexane	5.42	56	2993	0.088	ug/L #	82
34) Trichloroethene	6.57	95	27035	1.216	ug/L	93
35) Methylcyclohexane	6.72	83	28334	0.823	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	13475	0.625	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3574	0.112	ug/L #	65
42) Toluene	7.99	91	7335	0.082	ug/L	84
48) 2-Hexanone	8.71	43	11936	1.022	ug/L #	93
59) 1,2,3-Trichloropropane	11.82	75	18351	1.141	ug/L	91

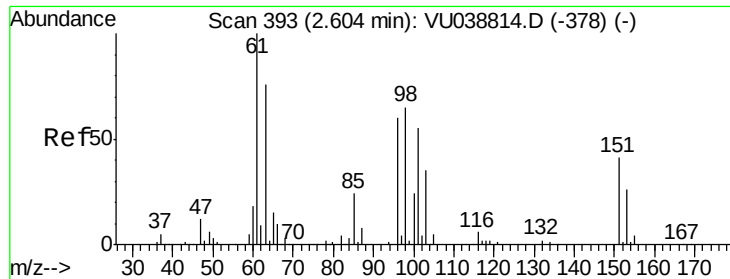
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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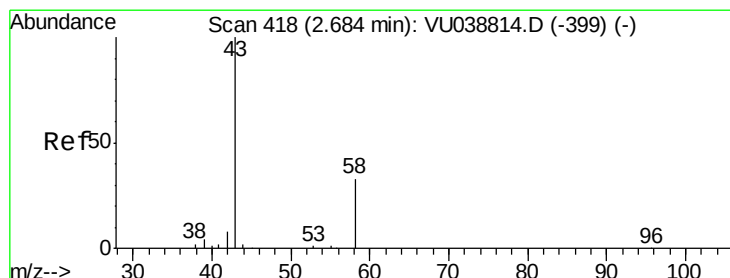
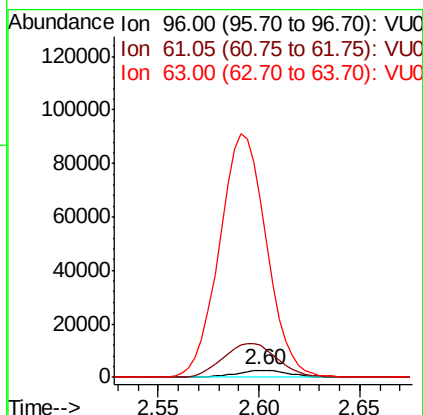
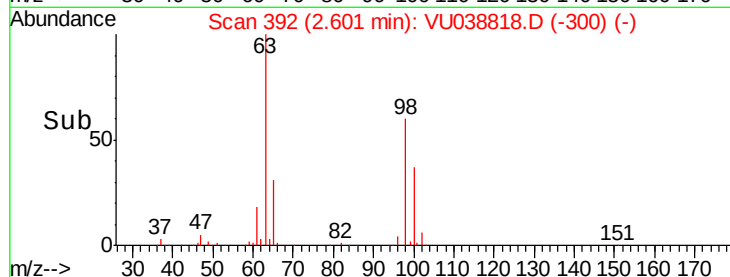
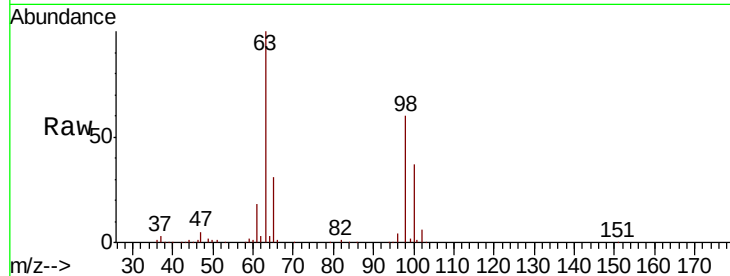




#12
 1,1-Dichloroethene
 Concen: 0.261 ug/L
 RT: 2.60 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: VU038818.D
 Acq: 11 Jun 2020 12:43

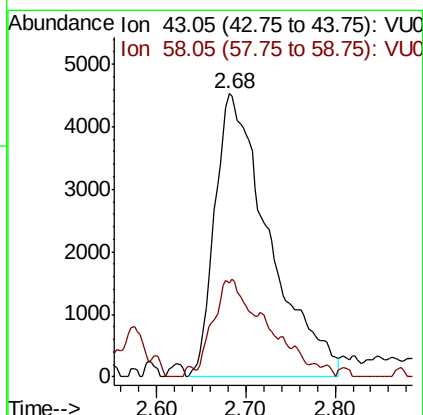
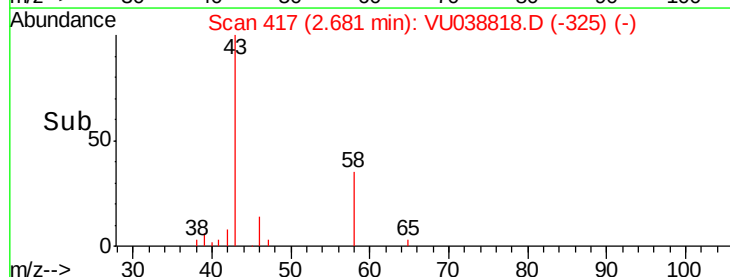
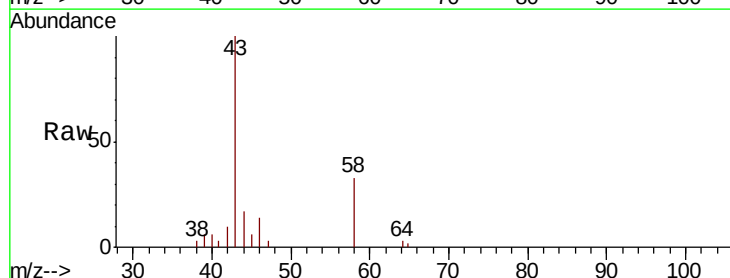
Instrument :
 MSVOA_U
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 BFX78

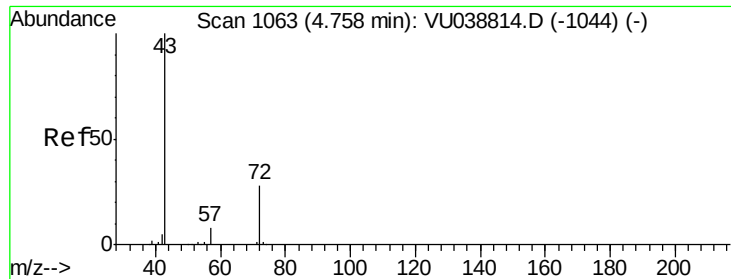
Tot Ion: 96 Resp: 5033
 Ion Ratio Lower Upper
 96 100
 61 429.5 119.9 222.7#
 63 2398.8 89.9 167.0#



#13
 Acetone
 Concen: 4.736 ug/L
 RT: 2.68 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VU038818.D
 Acq: 11 Jun 2020 12:43

Tgt Ion: 43 Resp: 19066
 Ion Ratio Lower Upper
 43 100
 58 20.6 0.0 65.6

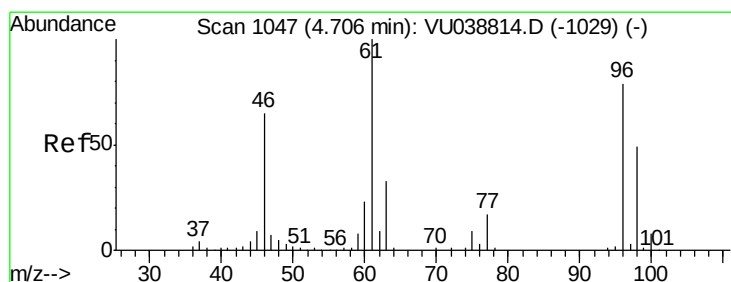
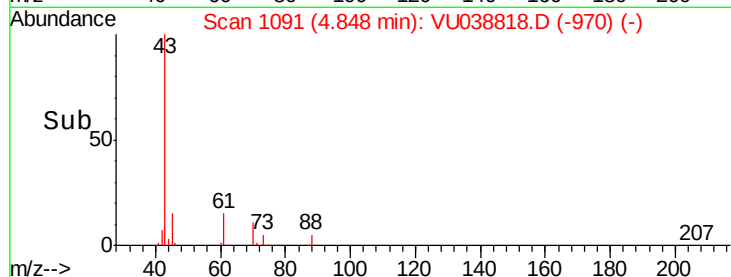
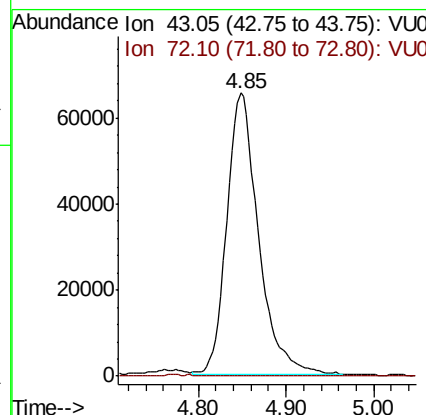
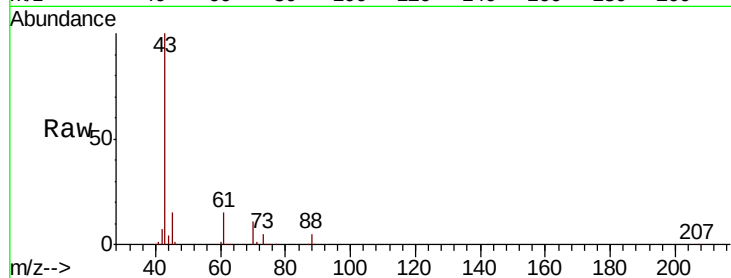




#21
2-Butanone
Concen: 24.222 ug/L
RT: 4.85 min Scan# 1091
Delta R.T. 0.09 min
Lab File: VU038818.D
Acq: 11 Jun 2020 12:43

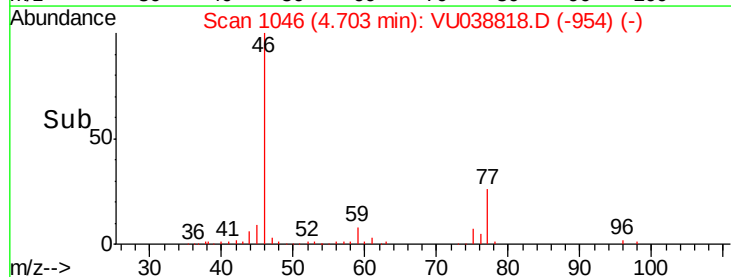
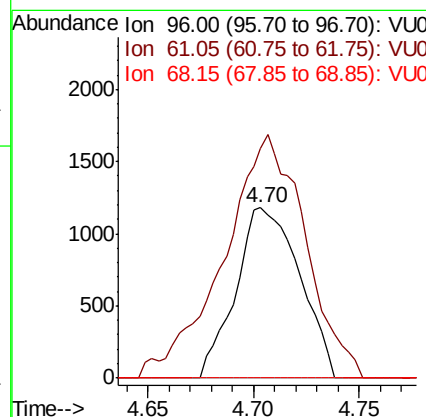
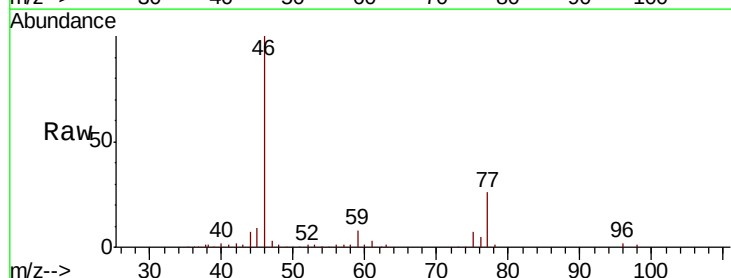
Instrument :
MSVOA_U
ClientSampleId :
BFX78

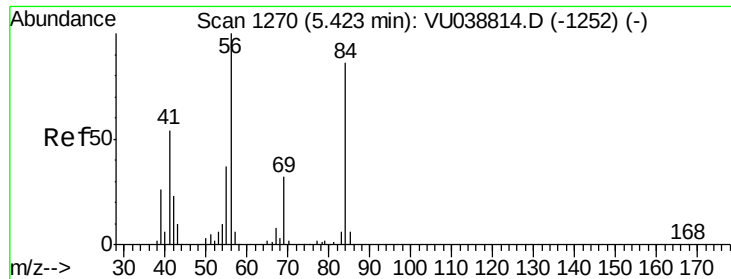
Tot Ion: 43 Resp: 164012
Ion Ratio Lower Upper
43 100
72 0.1 12.6 37.8#



#22
cis-1,2-Dichloroethene
Concen: 0.111 ug/L
RT: 4.70 min Scan# 1046
Delta R.T. -0.00 min
Lab File: VU038818.D
Acq: 11 Jun 2020 12:43

Tgt Ion: 96 Resp: 2483
Ion Ratio Lower Upper
96 100
61 135.0 94.0 174.6
68 0.0 0.0 0.0

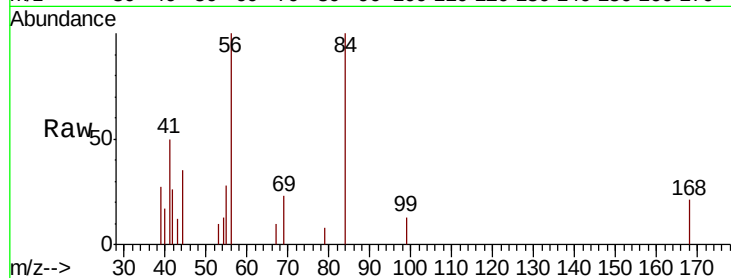




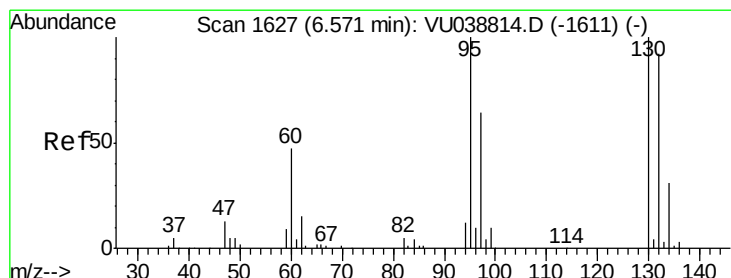
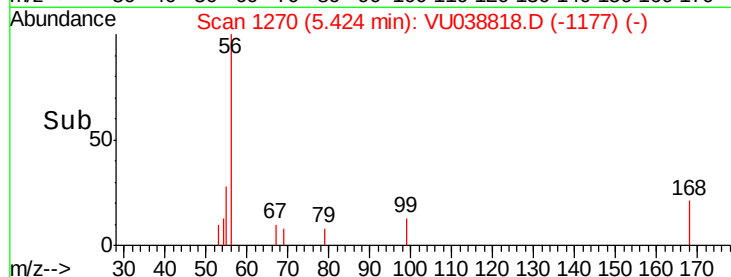
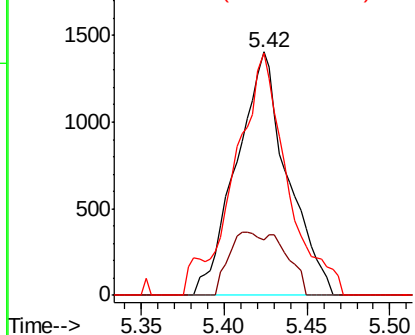
#30
Cyclohexane
Concen: 0.088 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038818.D
Acq: 11 Jun 2020 12:43

Instrument :
MSVOA_U
ClientSampleId :
BFX78

Tot Ion: 56 Resp: 2993
Ion Ratio Lower Upper
56 100
69 17.2 24.2 36.4#
84 103.1 70.8 106.2

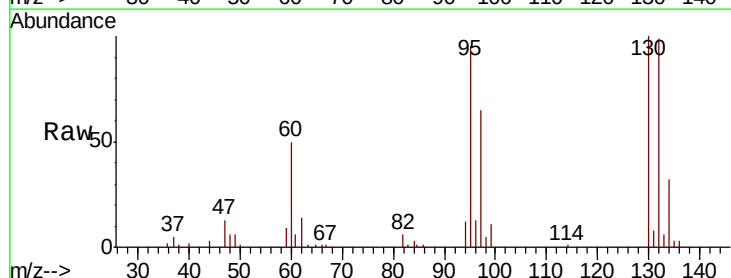


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

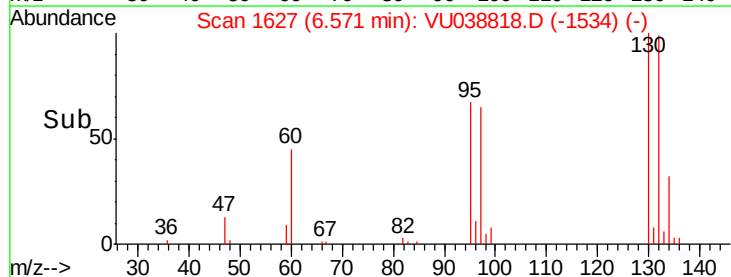
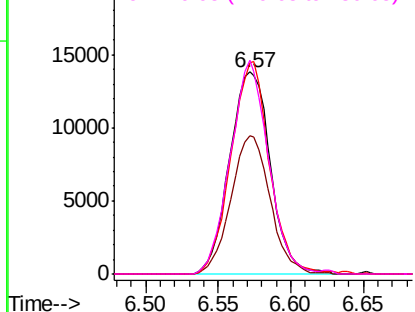


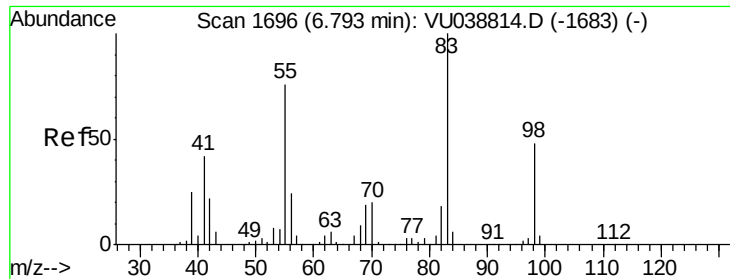
#34
Trichloroethene
Concen: 1.216 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VU038818.D
Acq: 11 Jun 2020 12:43

Tgt Ion: 95 Resp: 27035
Ion Ratio Lower Upper
95 100
97 68.8 46.8 87.0
132 104.4 66.1 122.7
130 105.8 70.0 130.0



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

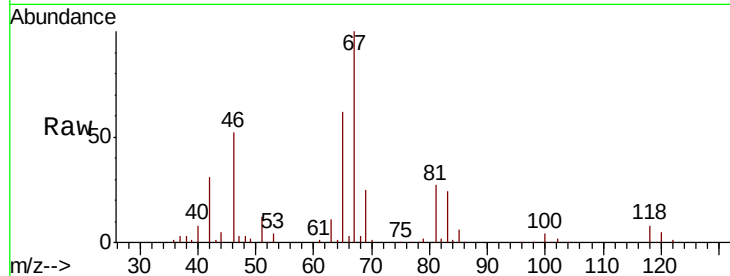




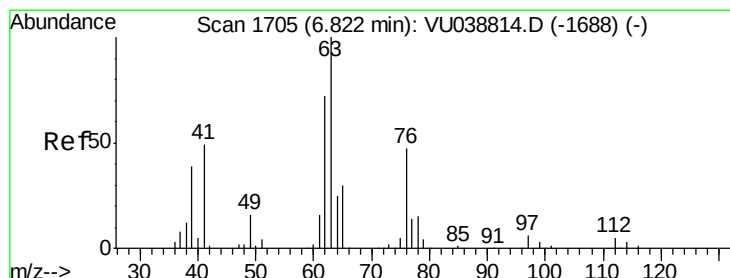
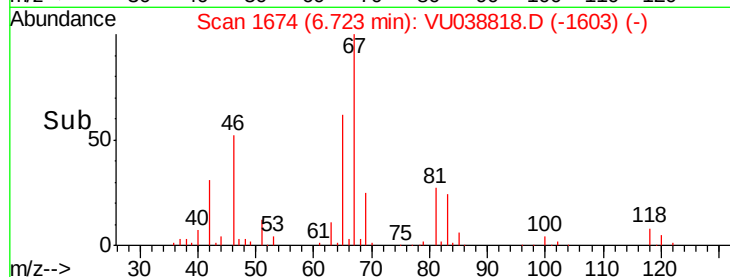
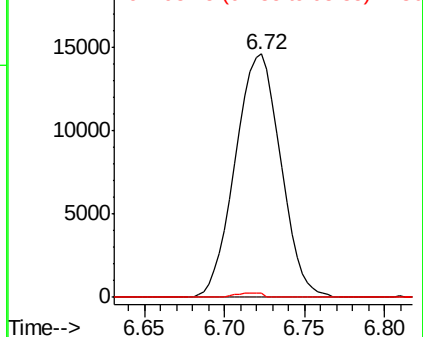
#35
Methylvlcyclohexane
Concen: 0.823 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038818.D
Acq: 11 Jun 2020 12:43

Instrument :
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Tot Ion: 83 Resp: 28334
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.0 39.0 58.4#

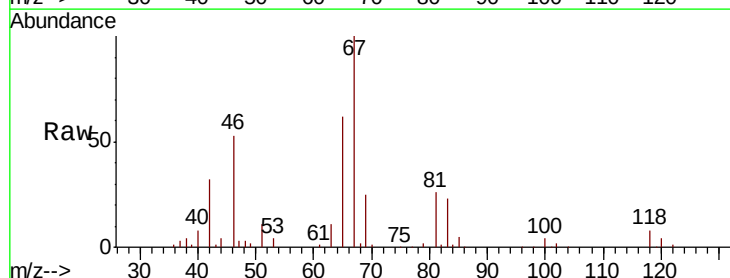


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

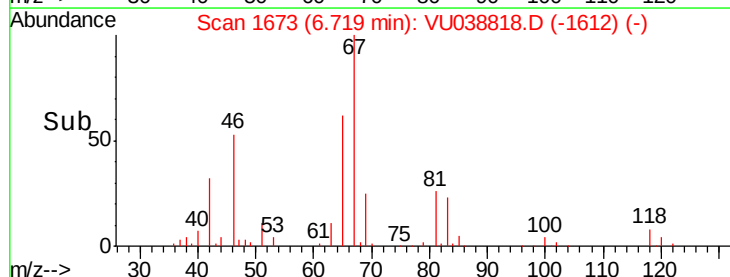
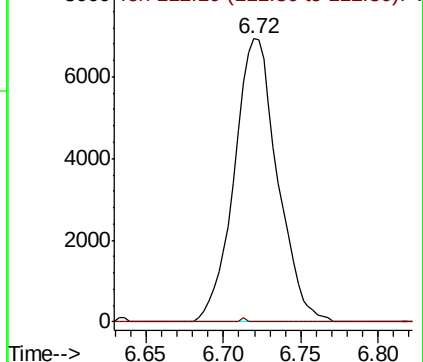


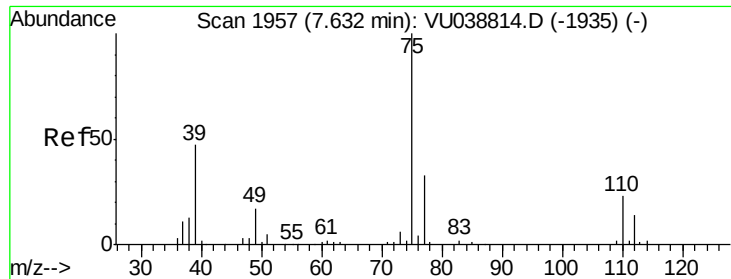
#37
1,2-Dichloropropane
Concen: 0.625 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038818.D
Acq: 11 Jun 2020 12:43

Tgt Ion: 63 Resp: 13475
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#



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

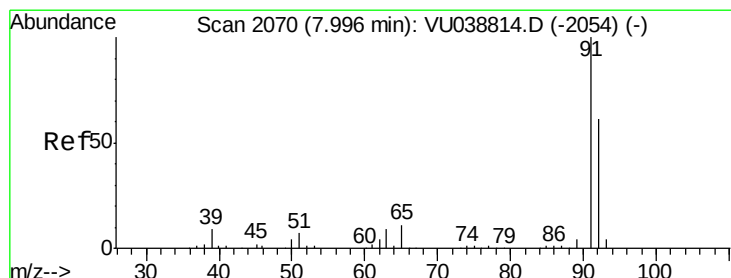
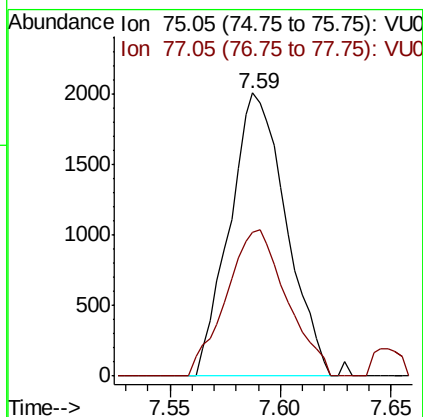
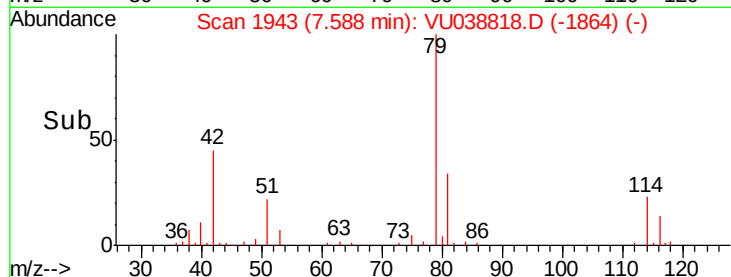
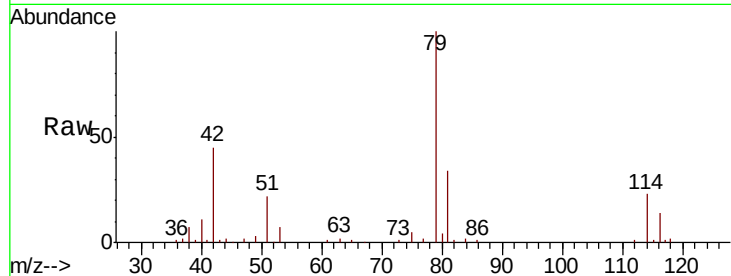




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.04 min
 Lab File: VU038818.D
 Acq: 11 Jun 2020 12:43

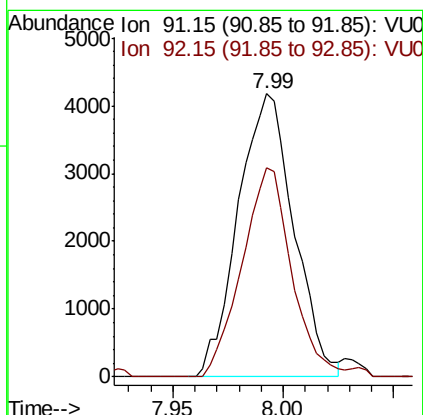
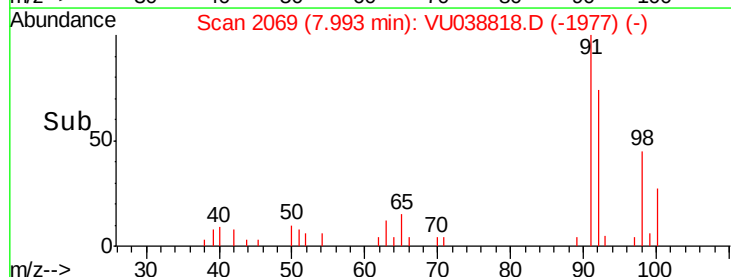
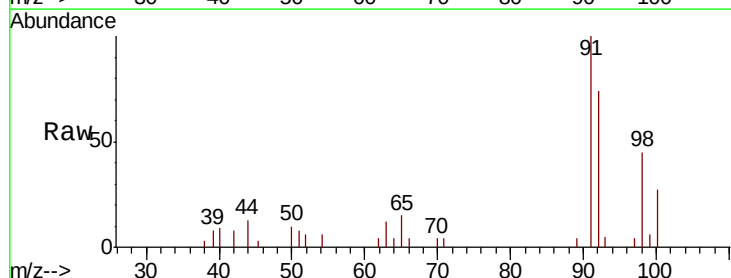
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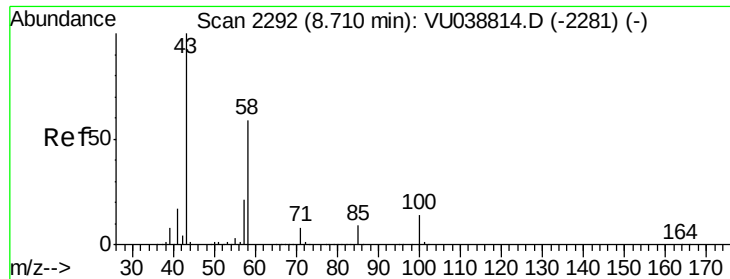
Tot Ion: 75 Resp: 3574
 Ion Ratio Lower Upper
 75 100
 77 50.9 21.9 40.7#



#42
 Toluene
 Concen: 0.082 ug/L
 RT: 7.99 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: VU038818.D
 Acq: 11 Jun 2020 12:43

Tgt Ion: 91 Resp: 7335
 Ion Ratio Lower Upper
 91 100
 92 73.7 43.0 79.8

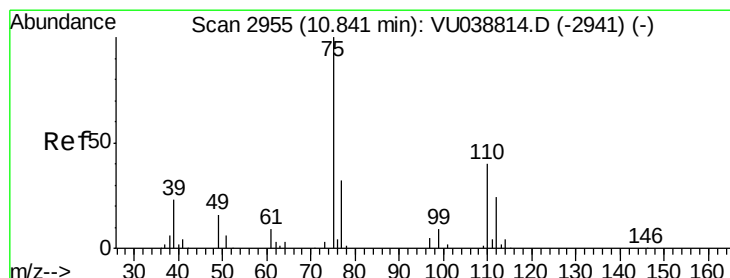
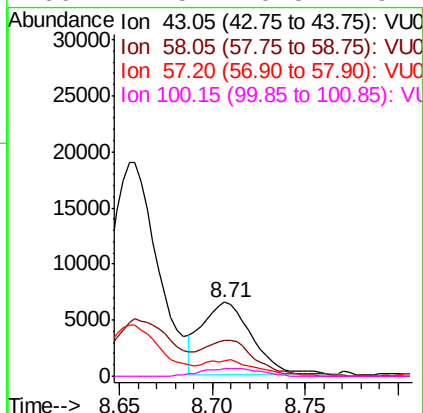
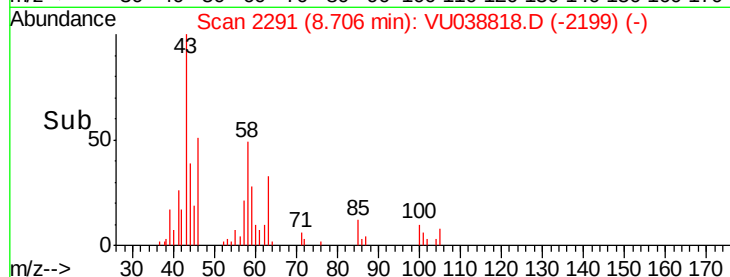
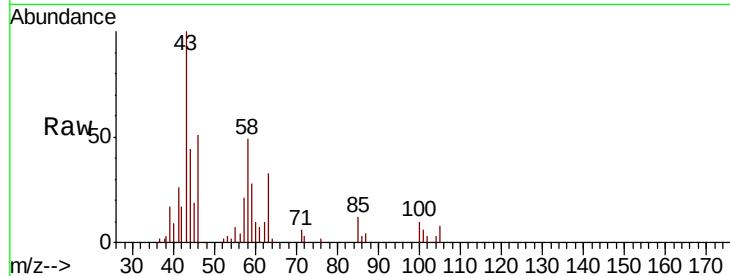




#48
 2-Hexanone
 Concen: 1.022 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038818.D
 Acq: 11 Jun 2020 12:43

Instrument :
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Tot Ion: 43 Resp: 11936
 Ion Ratio Lower Upper
 43 100
 58 50.9 45.4 68.0
 57 23.9 15.9 23.9#
 100 12.5 10.5 15.7



#59
 1,2,3-Trichloropropane
 Concen: 1.141 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038818.D
 Acq: 11 Jun 2020 12:43

Tgt Ion: 75 Resp: 18351
 Ion Ratio Lower Upper
 75 100
 77 36.8 25.4 38.2

