

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092120\
 Data File : VU040236.D
 Acq On : 21 Sep 2020 16:12
 Operator : SY/MD
 Sample : VIBLK61
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK61

Quant Time: Sep 22 07:15:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 22 07:07:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	135938	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	134378	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	60893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	28413	3.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.60%
7) Chloroethane-d5	1.92	69	28588	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.58	63	45863	2.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.20%#
20) 2-Butanone-d5	4.66	46	166257	56.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.00%
24) Chloroform-d	5.09	84	76804	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.72	65	49467	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.75	84	133049	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	47014	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.91	98	107049	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
43) trans-1,3-Dichloropropene-	8.19	79	20148	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.64	63	122075	54.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.50%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	45817	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	48704	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

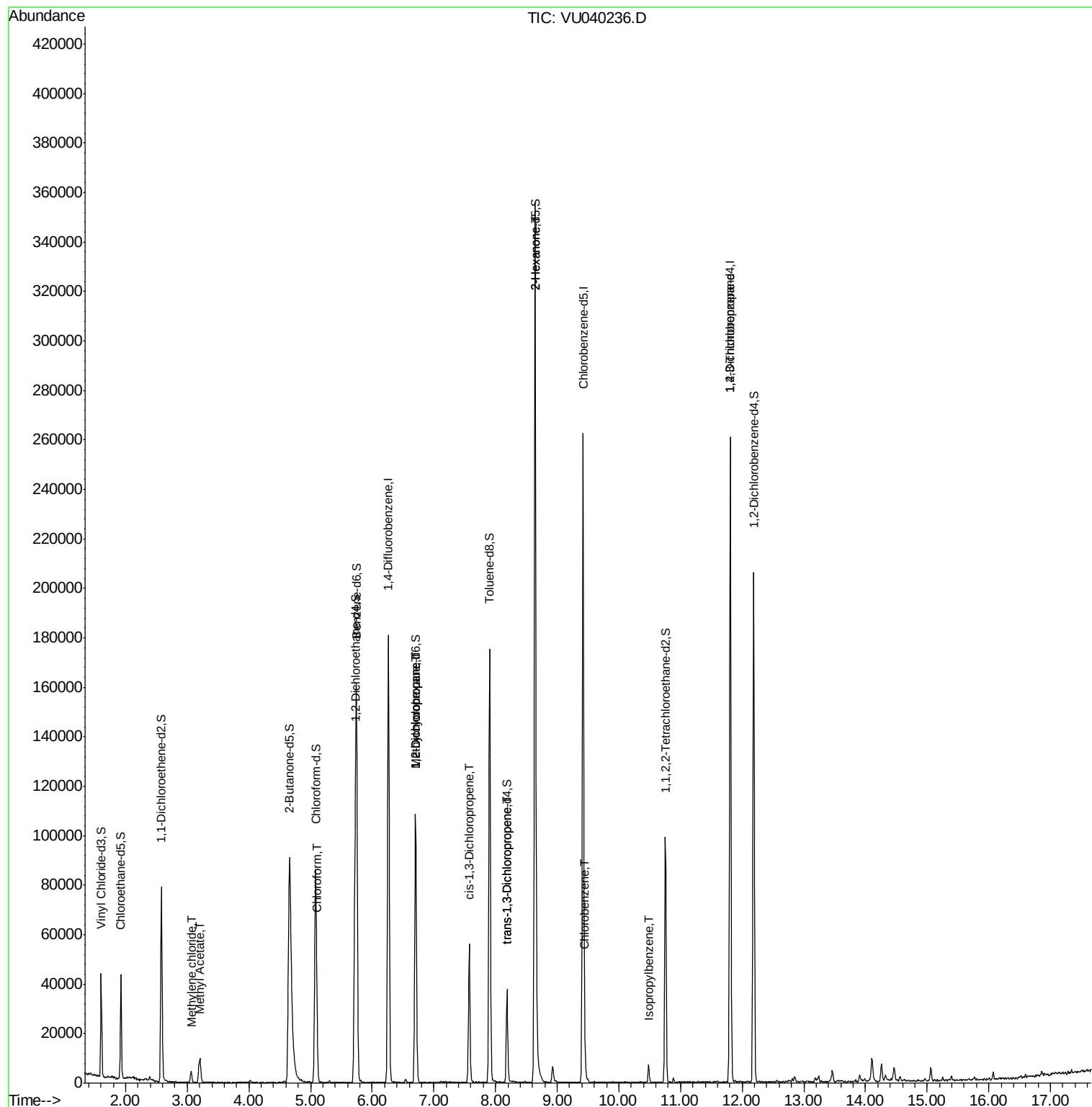
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
15) Methyl Acetate	3.20	43	973	0.141	ug/L #	54
16) Methylene chloride	3.06	84	2325	0.169	ug/L	72
25) Chloroform	5.11	83	2256	0.095	ug/L	86
35) Methylcyclohexane	6.70	83	10982	0.556	ug/L #	14
37) 1,2-Dichloropropane	6.70	63	5737	0.441	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1844	0.096	ug/L #	70
44) trans-1,3-Dichloropropene	8.20	75	1116	0.063	ug/L	89
48) 2-Hexanone	8.64	43	18392	2.361	ug/L #	76
51) Chlorobenzene	9.45	112	4522	0.147	ug/L	99
56) Isopropylbenzene	10.48	105	4922	0.095	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	9100	0.944	ug/L #	87

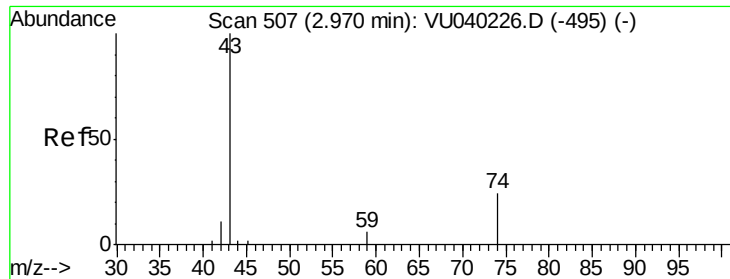
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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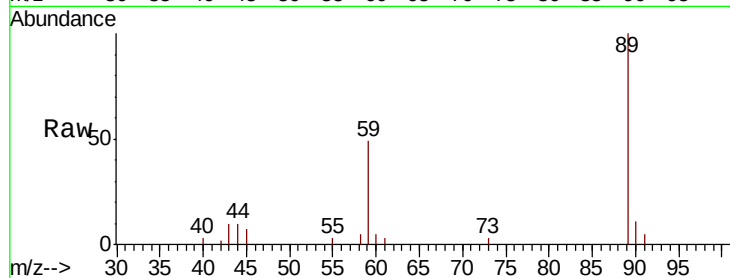




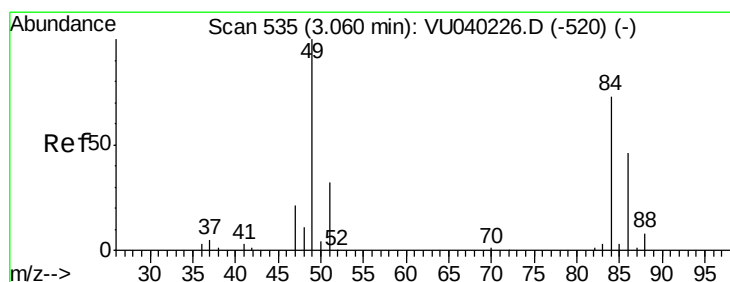
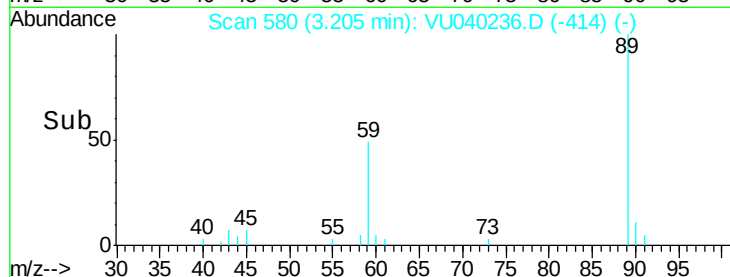
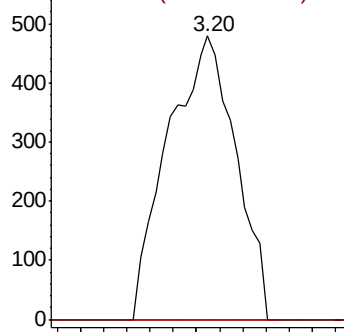
#15
Methvl Acetate
Concen: 0.141 ug/L
RT: 3.20 min Scan# 580
Delta R.T. 0.23 min
Lab File: VU040236.D
Acq: 21 Sep 2020 16:12

Instrument :
MSVOA_U
ClientSampleId :
VIBLK61

Tot Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
74 0.0 17.4 26.0#

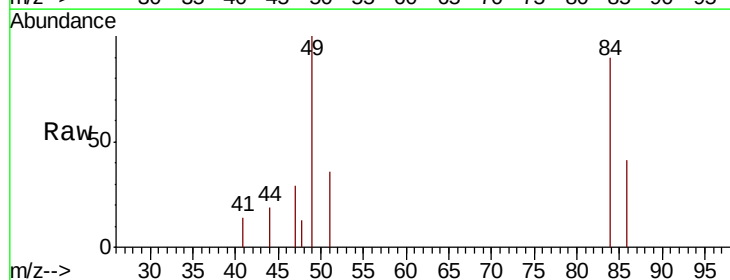


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 74.05 (73.75 to 74.75): VU0

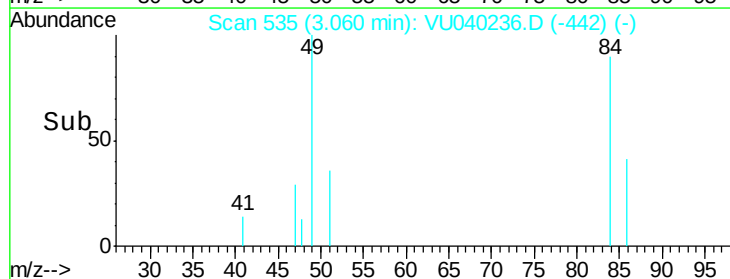
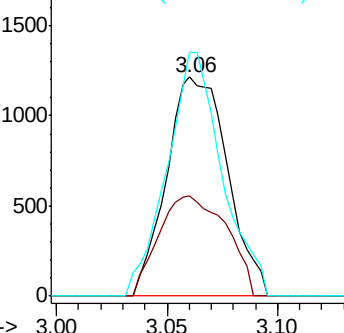


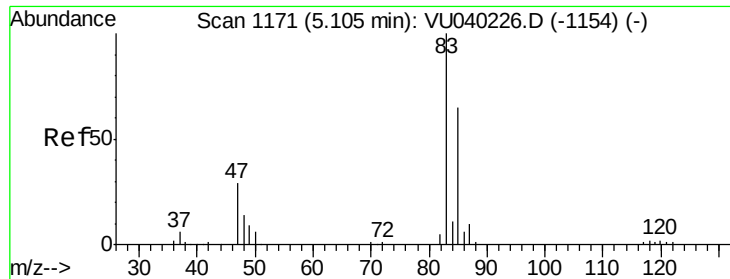
#16
Methylene chloride
Concen: 0.169 ug/L
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040236.D
Acq: 21 Sep 2020 16:12

Tgt Ion: 84 Resp: 2325
Ion Ratio Lower Upper
84 100
86 45.6 45.2 84.0
49 111.1 104.0 193.2



Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

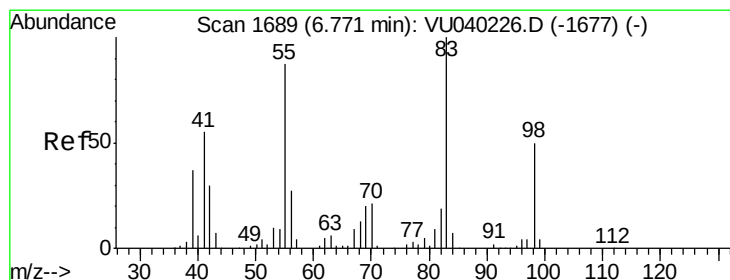
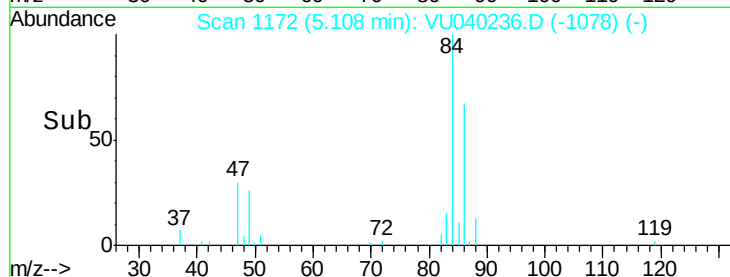
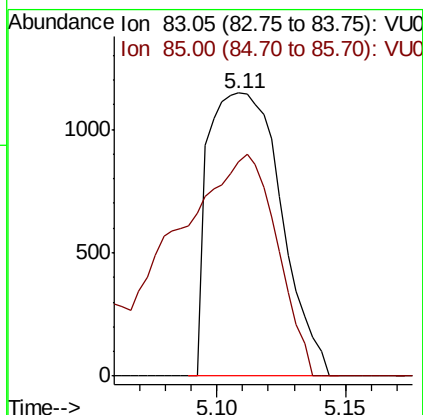
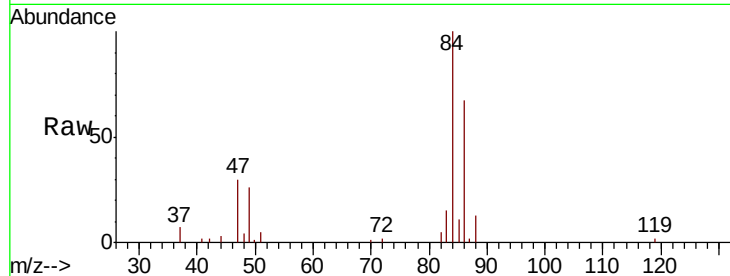




#25
Chloroform
Concen: 0.095 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040236.D
Acq: 21 Sep 2020 16:12

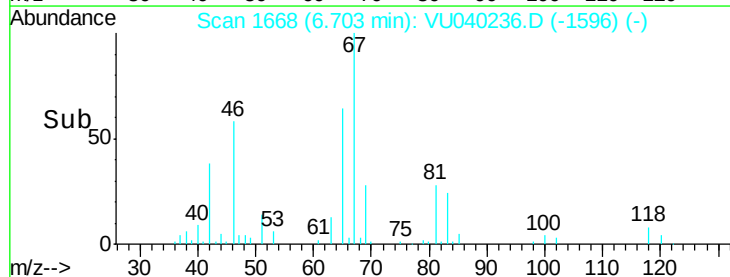
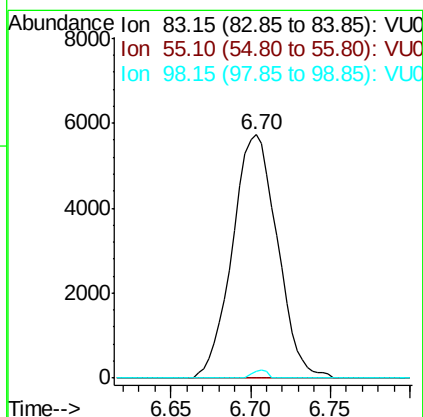
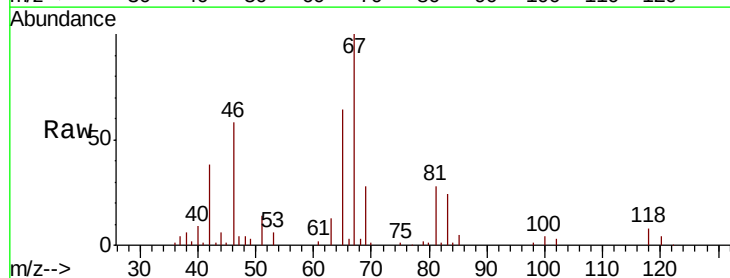
Instrument :
MSVOA_U
ClientSampleId :
VIBLK61

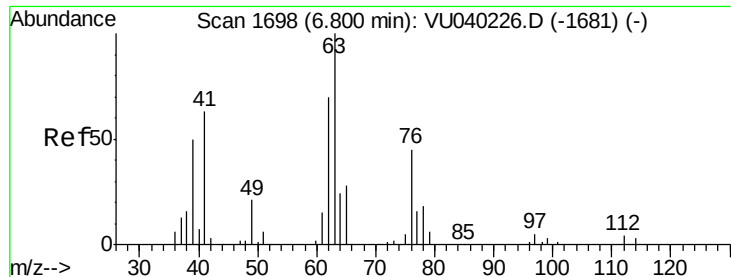
Tot Ion: 83 Resp: 2256
Ion Ratio Lower Upper
83 100
85 75.5 45.3 84.1



#35
Methylcyclohexane
Concen: 0.556 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040236.D
Acq: 21 Sep 2020 16:12

Tgt Ion: 83 Resp: 10982
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 1.1 37.8 56.6#

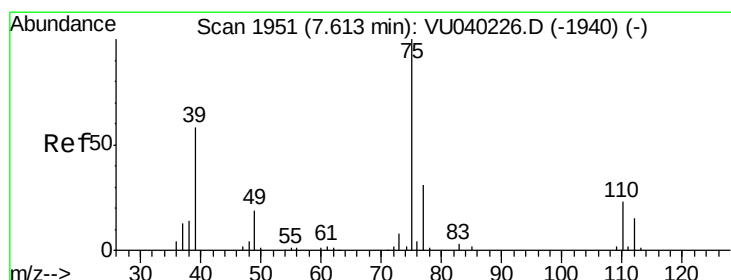
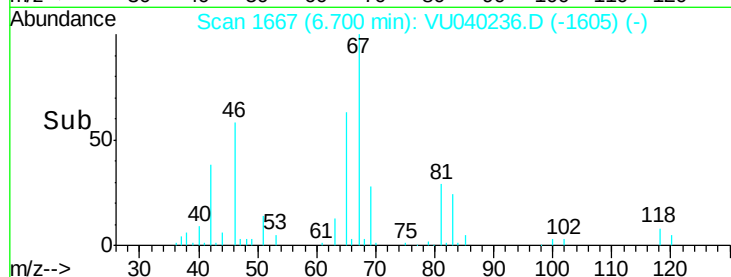
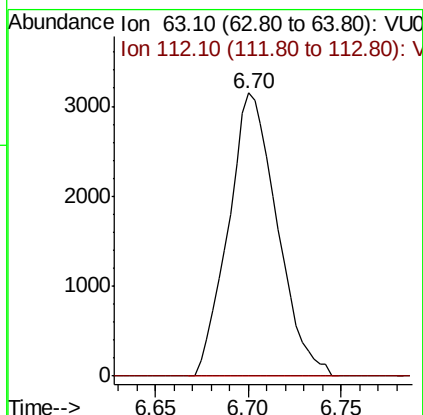
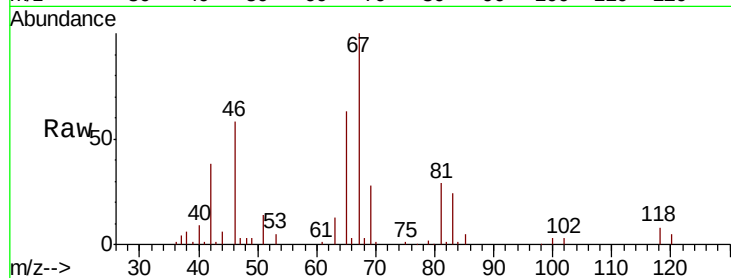




#37
 1,2-Dichloropropane
 Concen: 0.441 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU040236.D
 Acq: 21 Sep 2020 16:12

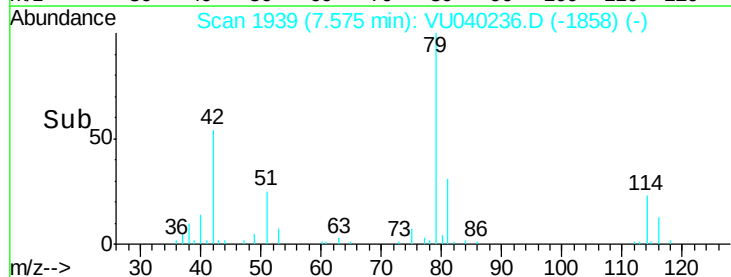
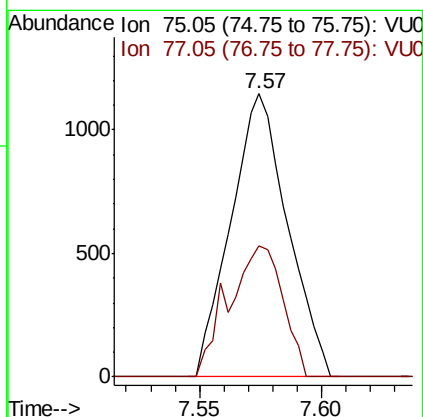
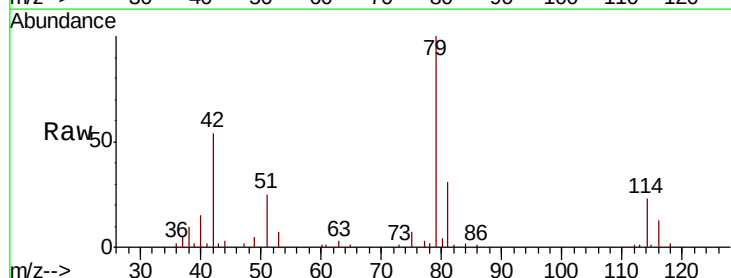
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK61

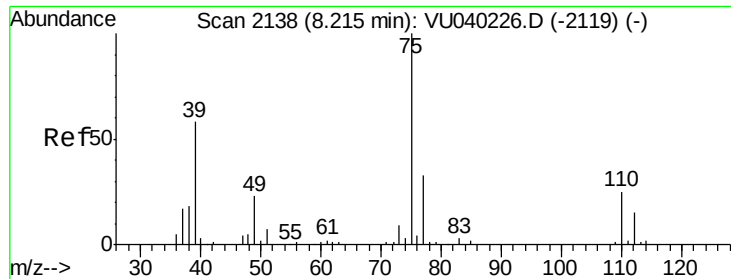
Tot Ion: 63 Resp: 5737
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040236.D
 Acq: 21 Sep 2020 16:12

Tgt Ion: 75 Resp: 1844
 Ion Ratio Lower Upper
 75 100
 77 46.2 21.1 39.3#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 8.20 min Scan# 2132

Delta R.T. -0.02 min

Lab File: VU040236.D

Acq: 21 Sep 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

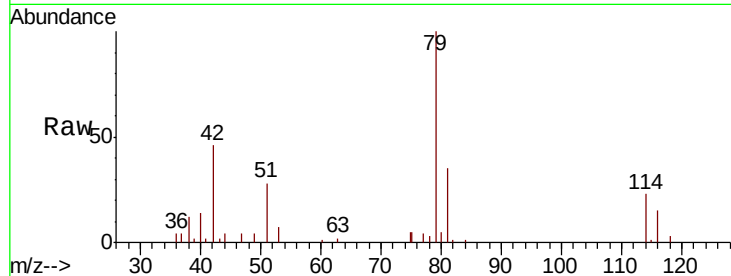
VIBLK61

Tot Ion: 75 Resp: 1116

Ion Ratio Lower Upper

75 100

77 40.6 23.9 44.3



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0

8.20

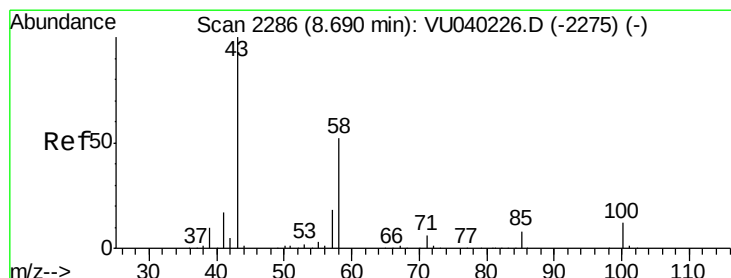
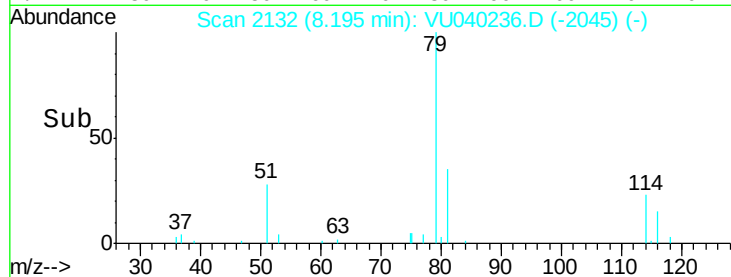
600

400

200

0

Time-->



#48

2-Hexanone

Concen: 2.361 ug/L

RT: 8.64 min Scan# 2271

Delta R.T. -0.05 min

Lab File: VU040236.D

Acq: 21 Sep 2020 16:12

Tgt Ion: 43 Resp: 18392

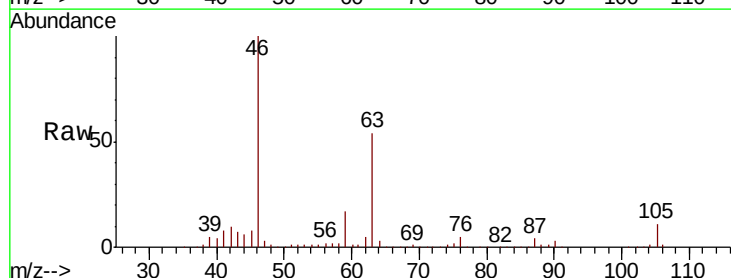
Ion Ratio Lower Upper

43 100

58 29.9 39.6 59.4#

57 22.3 14.3 21.5#

100 0.0 8.0 12.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

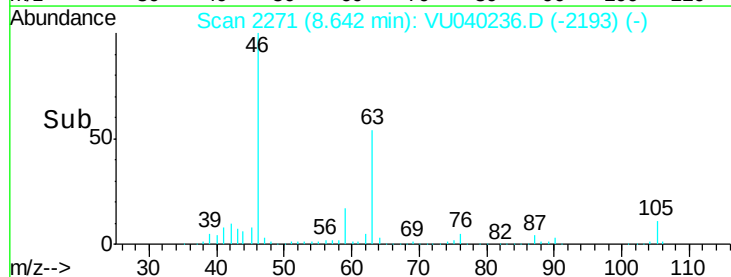
Ion 100.15 (99.85 to 100.85): VU0

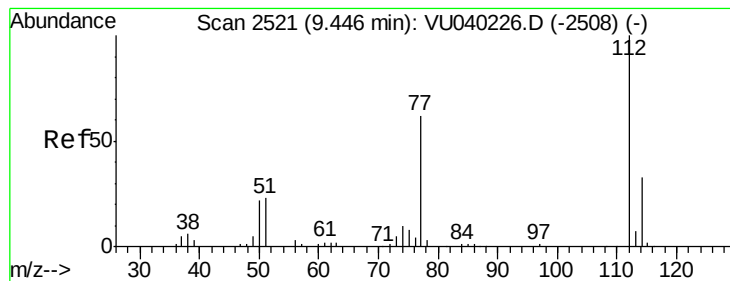
10000

5000

0

Time-->





#51

Chlorobenzene

Concen: 0.147 ug/L

RT: 9.45 min Scan# 2523

Delta R.T. 0.01 min

Lab File: VU040236.D

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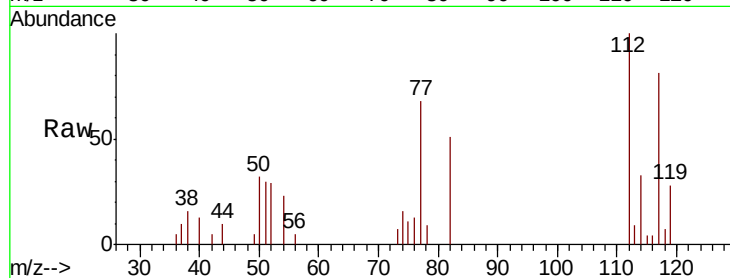
Tot Ion:112 Resp: 4522

Ion Ratio Lower Upper

112 100

114 32.7 22.7 42.3

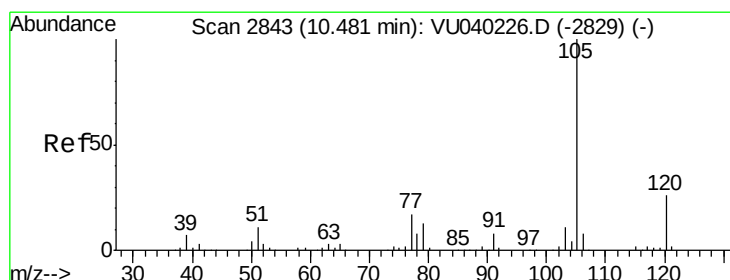
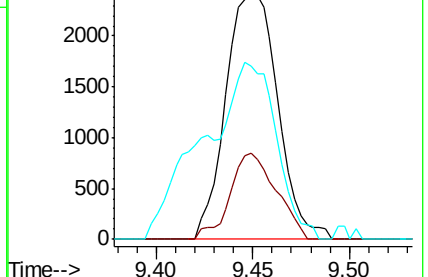
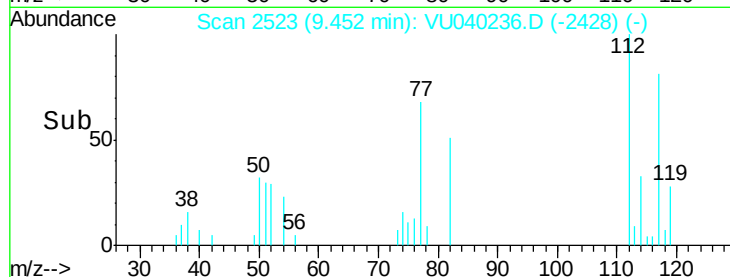
77 68.1 53.2 79.8



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): VU



#56

Isopropylbenzene

Concen: 0.095 ug/L

RT: 10.48 min Scan# 2843

Delta R.T. -0.00 min

Lab File: VU040236.D

Acq: 21 Sep 2020 16:12

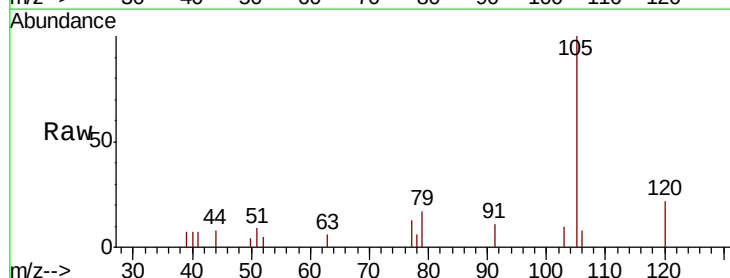
Tgt Ion:105 Resp: 4922

Ion Ratio Lower Upper

105 100

120 21.9 20.1 30.1

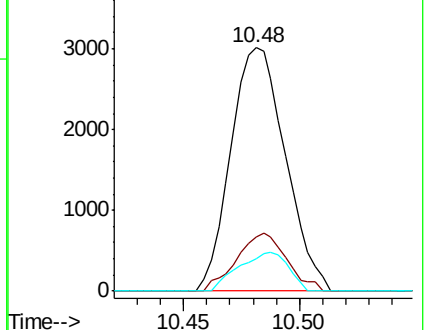
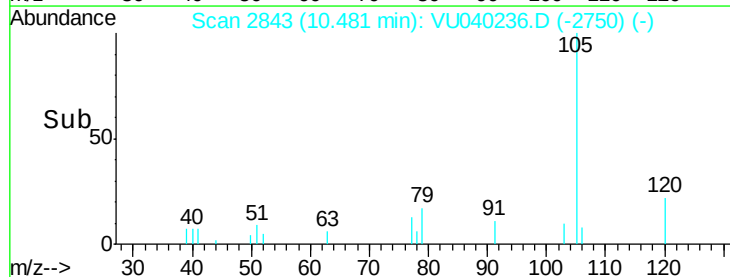
77 14.6 14.4 21.6

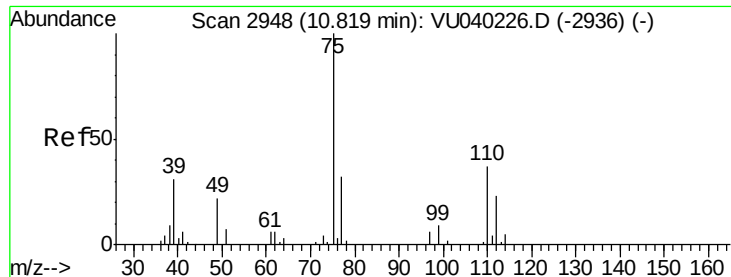


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU





#59

1,2,3-Trichloropropane

Concen: 0.944 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040236.D

Acq: 21 Sep 2020 16:12

Instrument :

MSVOA_U

ClientSampleId :

VIBLK61

Tot Ion: 75 Resp: 9100

Ion Ratio Lower Upper

75 100

77 38.2 24.9 37.3#

