

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092320\
 Data File : VU040257.D
 Acq On : 23 Sep 2020 13:52
 Operator : SY/MD
 Sample : L4046-15
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 02:28:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 24 02:21:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	171449	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	174705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	75426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	50266	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.92	69	45475	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.58	63	83299	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	4.65	46	180750	48.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.54%
24) Chloroform-d	5.08	84	103955	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.72	65	66088	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.74	84	203125	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	6.70	67	66575	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.90	98	162659	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	8.18	79	25289	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.64	63	128771	44.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	54001	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	66718	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

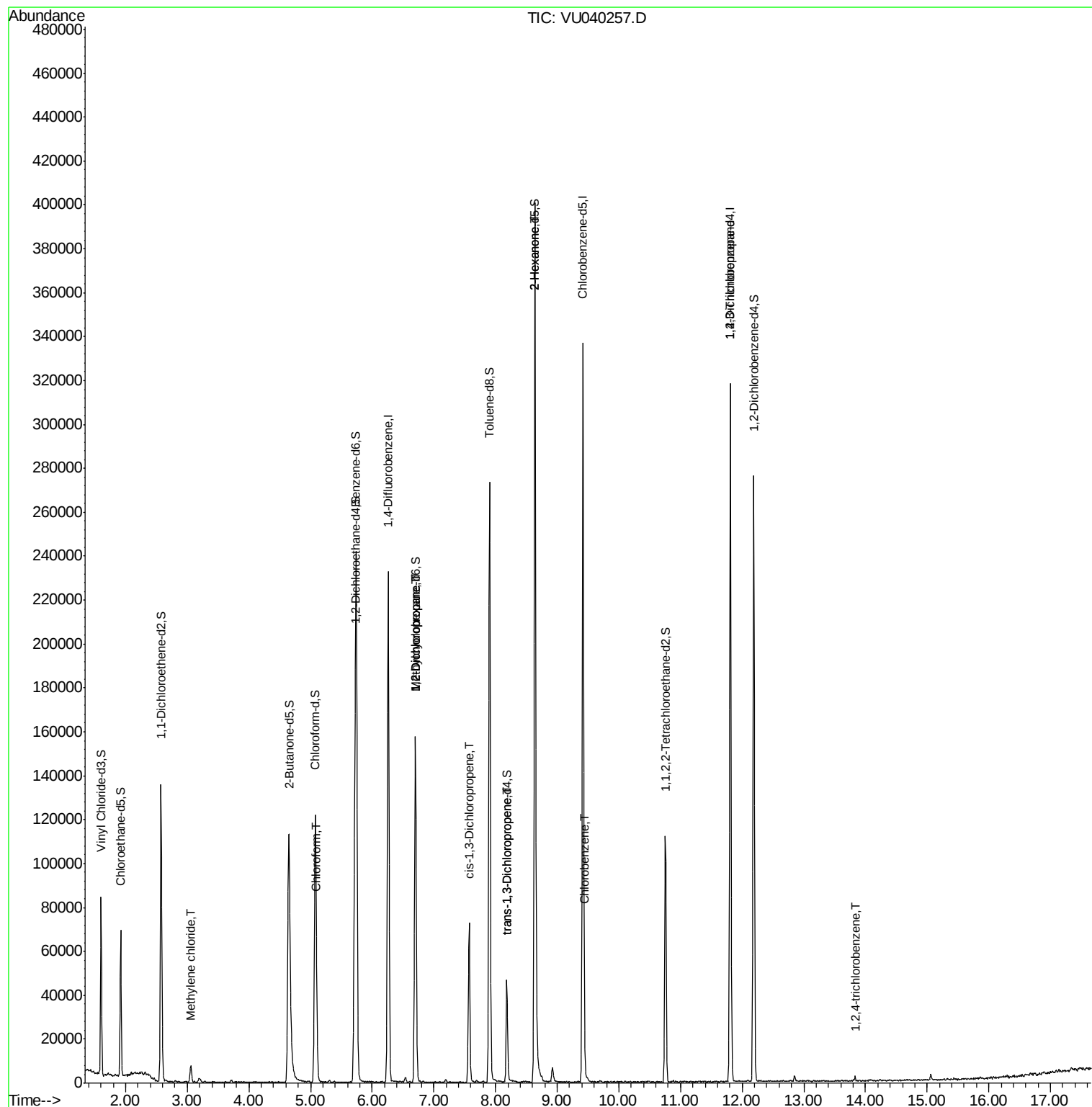
					Ovalue
16) Methylene chloride	3.06	84	3148	0.181 ug/L	94
25) Chloroform	5.11	83	6234	0.207 ug/L	100
35) Methylcyclohexane	6.70	83	16748	0.652 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	8309	0.491 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1889	0.076 ug/L #	28
44) trans-1,3-Dichloropropene	8.18	75	1401	0.061 ug/L	97
48) 2-Hexanone	8.64	43	20683	2.042 ug/L #	69
51) Chlorobenzene	9.45	112	1888	0.047 ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	11102	0.885 ug/L #	88
68) 1,2,4-trichlorobenzene	13.83	180	718	0.043 ug/L #	93

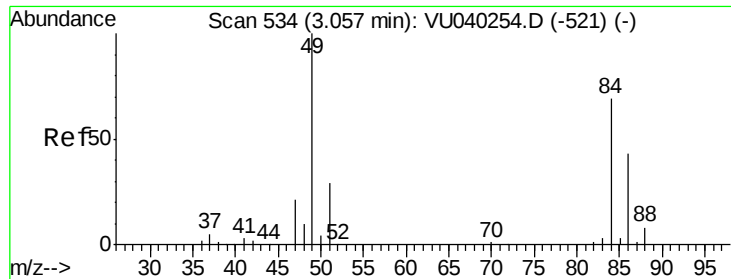
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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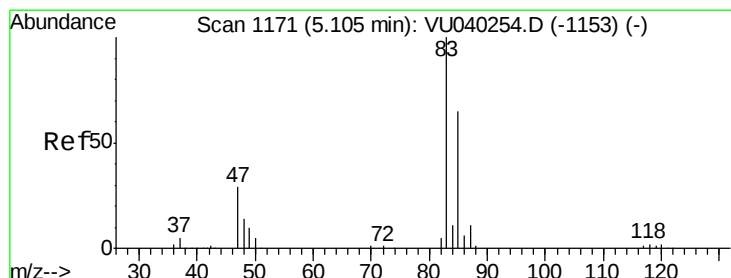
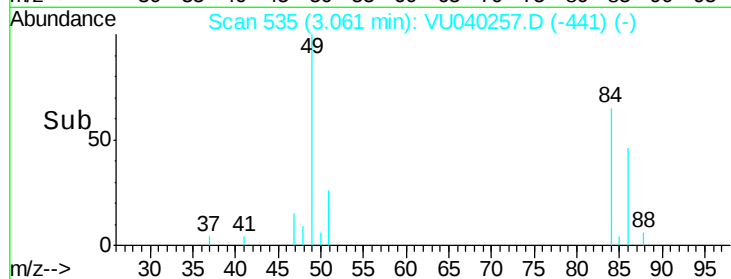
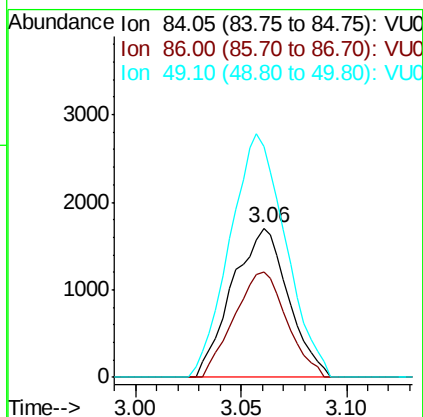
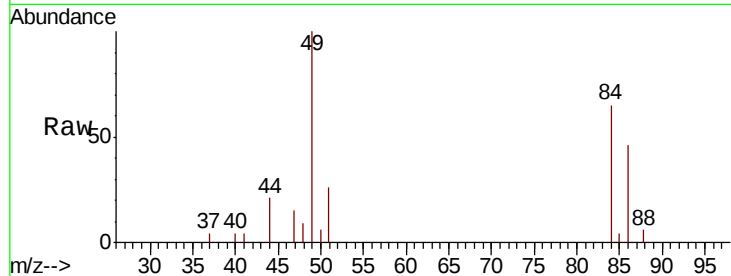




#16
Methvlene chloride
Concen: 0.181 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040257.D
Acq: 23 Sep 2020 13:52

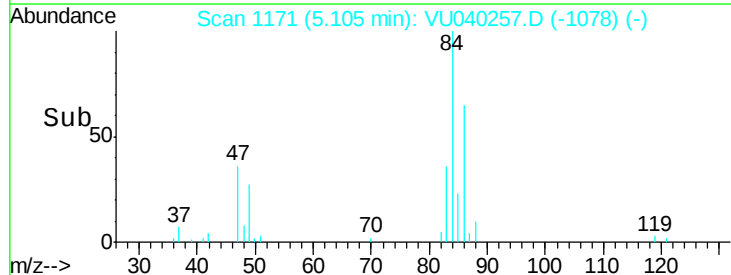
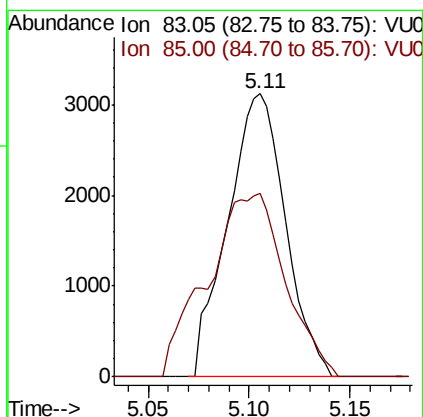
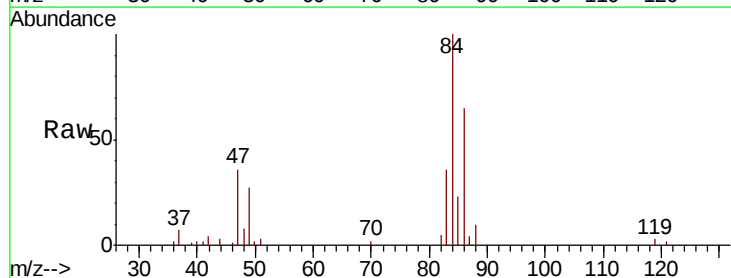
Instrument :
MSVOA_U
ClientSampled :

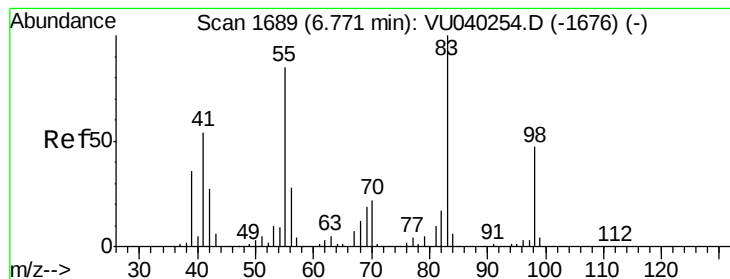
Tot Ion: 84 Resp: 3148
Ion Ratio Lower Upper
84 100
86 70.7 45.2 84.0
49 154.8 104.0 193.2



#25
Chloroform
Concen: 0.207 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040257.D
Acq: 23 Sep 2020 13:52

Tgt Ion: 83 Resp: 6234
Ion Ratio Lower Upper
83 100
85 64.8 45.3 84.1





#35

Methvlcvclohexane

Concen: 0.652 ug/L

RT: 6.70 min Scan# 1666

Delta R.T. -0.07 min

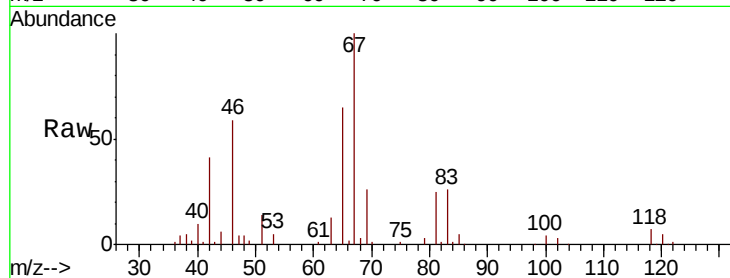
Lab File: VU040257.D

Acq: 23 Sep 2020 13:52

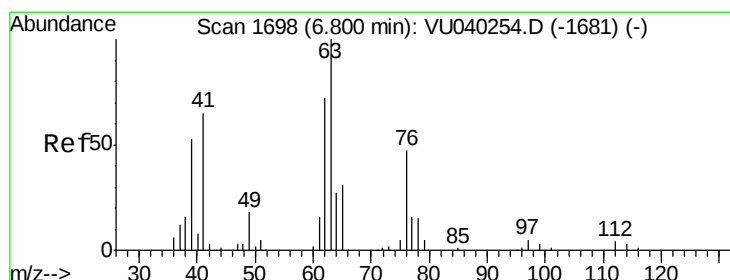
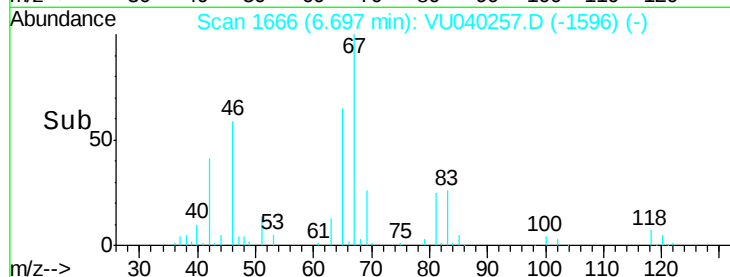
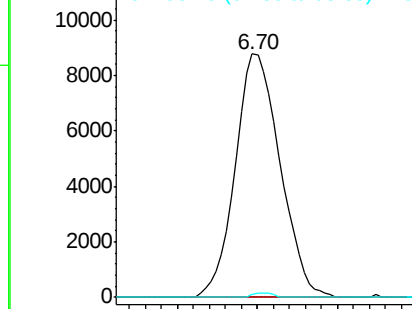
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 83 Resp: 16748

Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.5	105.7#
98	0.7	37.8	56.6#



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: 0.491 ug/L

RT: 6.70 min Scan# 1667

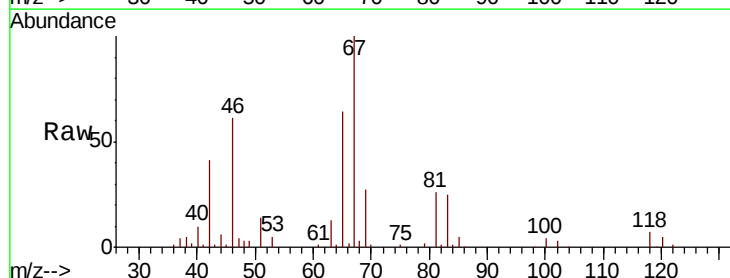
Delta R.T. -0.10 min

Lab File: VU040257.D

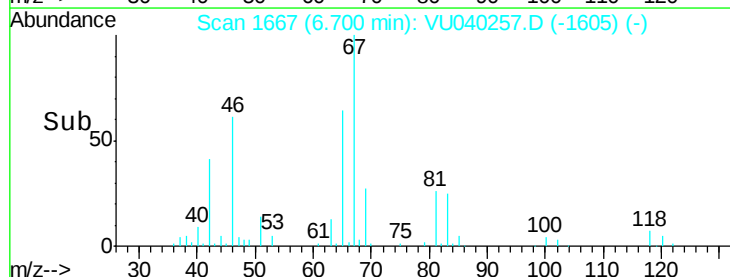
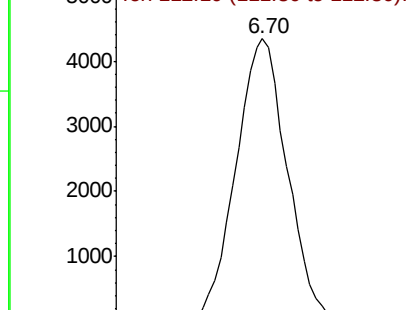
Acq: 23 Sep 2020 13:52

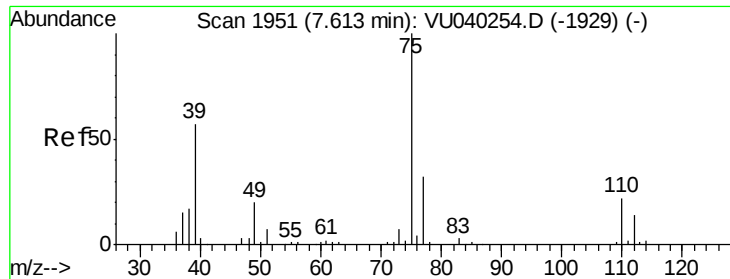
Tgt Ion: 63 Resp: 8309

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#



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



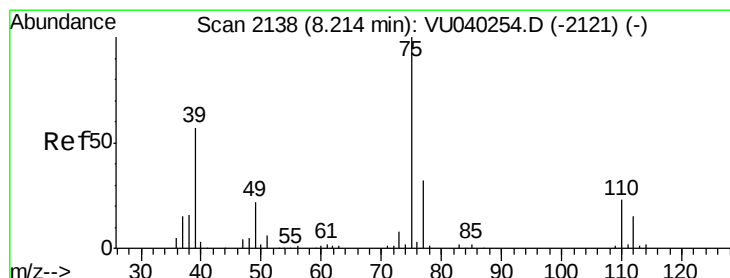
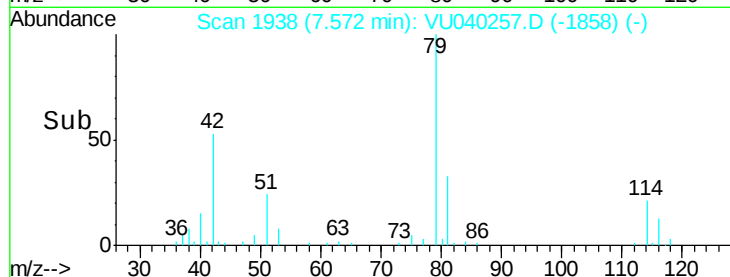
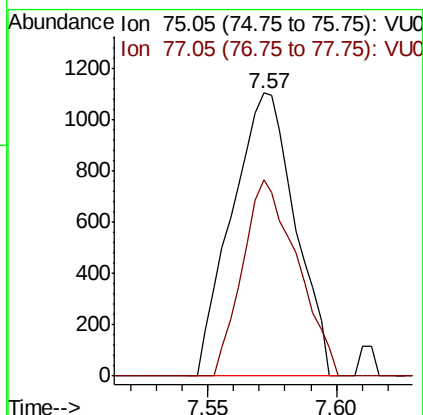
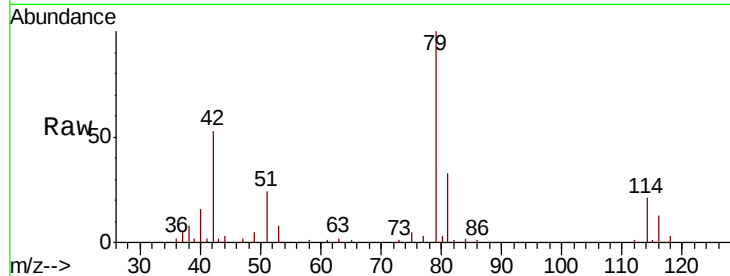


#39

cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040257.D
 Acq: 23 Sep 2020 13:52

Instrument :
 MSVOA_U
 ClientSampleId :

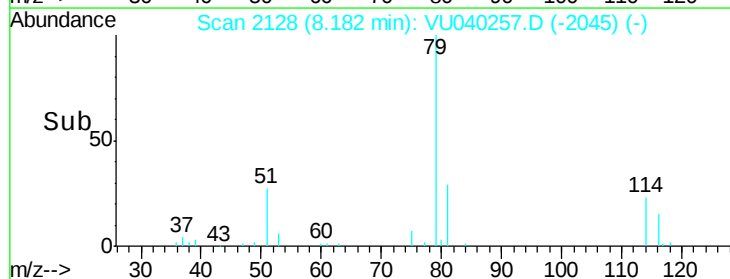
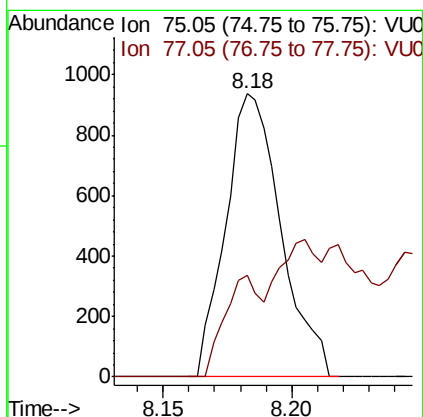
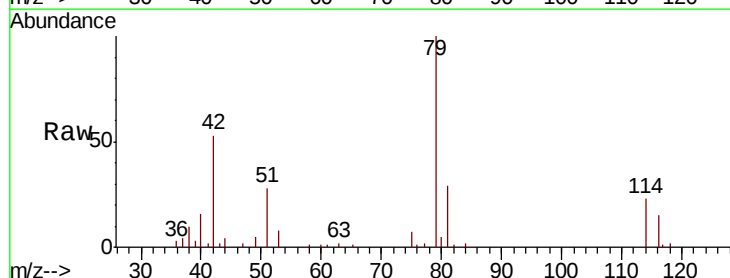
Tot Ion: 75 Resp: 1889
 Ion Ratio Lower Upper
 75 100
 77 69.5 21.1 39.3#

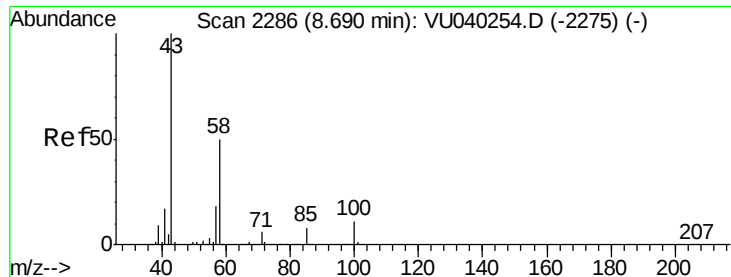


#44

trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 8.18 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: VU040257.D
 Acq: 23 Sep 2020 13:52

Tgt Ion: 75 Resp: 1401
 Ion Ratio Lower Upper
 75 100
 77 35.8 23.9 44.3

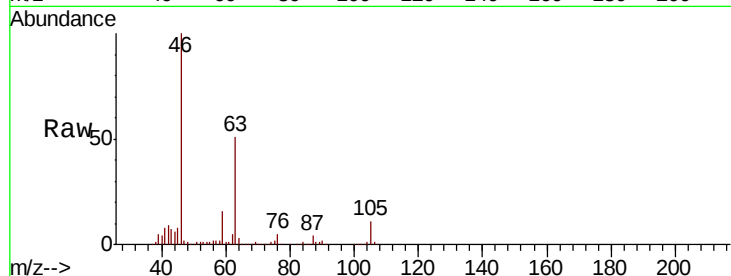




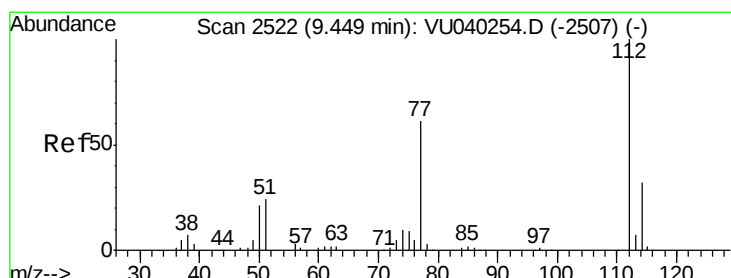
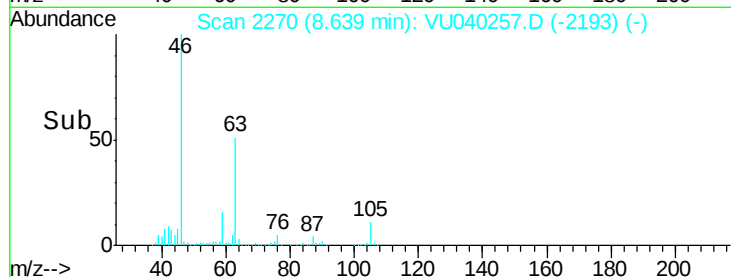
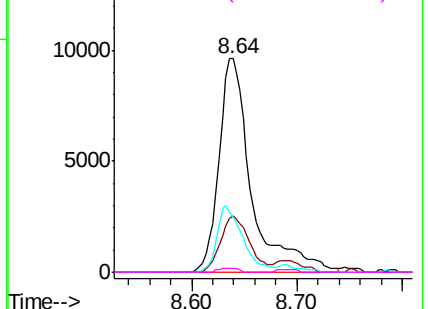
#48
2-Hexanone
Concen: 2.042 ug/L
RT: 8.64 min Scan# 2270
Delta R.T. -0.05 min
Lab File: VU040257.D
Acq: 23 Sep 2020 13:52

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 20683
Ion Ratio Lower Upper
43 100
58 23.1 39.6 59.4#
57 24.3 14.3 21.5#
100 1.2 8.0 12.0#

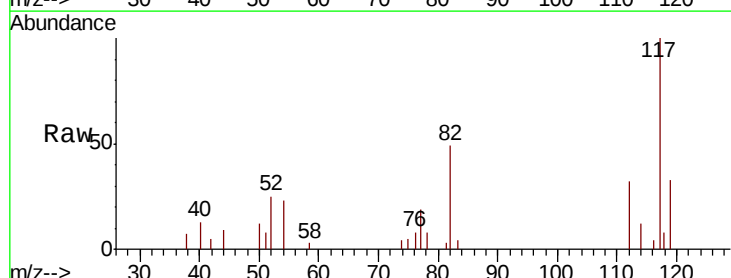


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

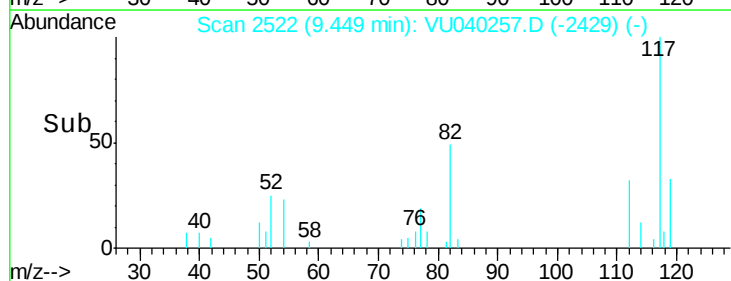
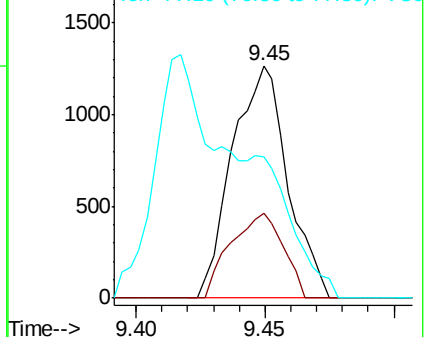


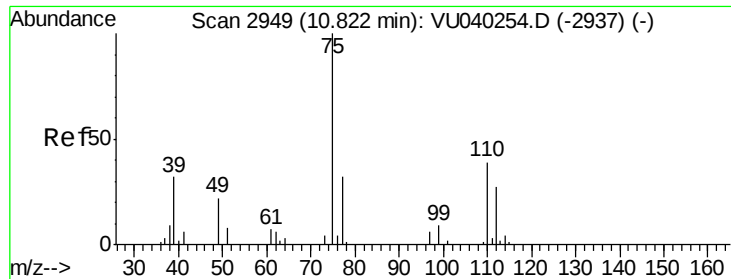
#51
Chlorobenzene
Concen: 0.047 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040257.D
Acq: 23 Sep 2020 13:52

Tgt Ion: 112 Resp: 1888
Ion Ratio Lower Upper
112 100
114 36.3 22.7 42.3
77 60.8 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): VU0





#59

1,2,3-Trichloropropane

Concen: 0.885 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040257.D

Acq: 23 Sep 2020 13:52

Instrument :

MSVOA_U

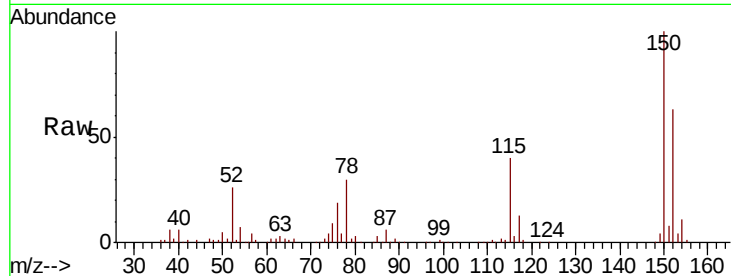
ClientSampleId :

Tot Ion: 75 Resp: 11102

Ion Ratio Lower Upper

75 100

77 38.0 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU040254.D (-2937) (-)

Ion 77.00 (76.70 to 77.70): VU040254.D (-2937) (-)

11.81

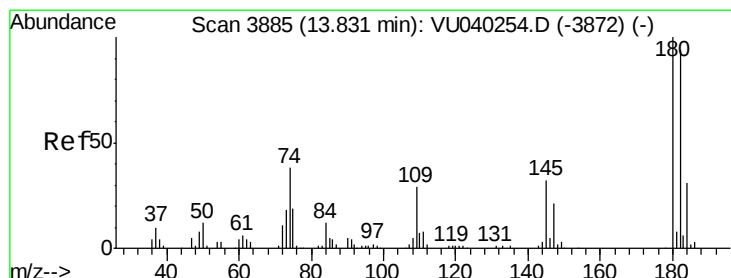
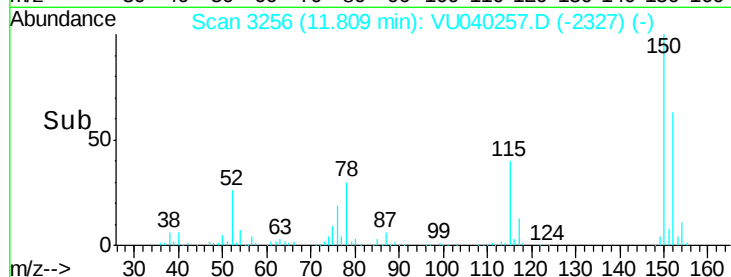
6000

4000

2000

0

Time--> 11.75 11.80 11.85



#68

1,2,4-trichlorobenzene

Concen: 0.043 ug/L

RT: 13.83 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VU040257.D

Acq: 23 Sep 2020 13:52

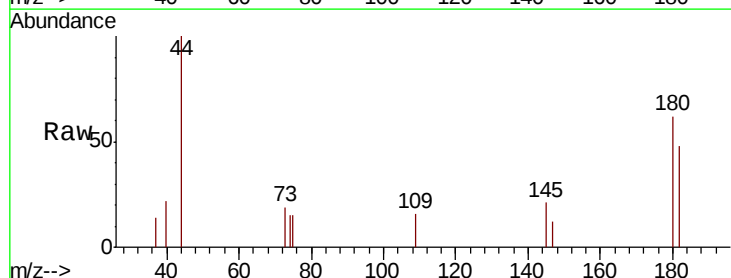
Tgt Ion: 180 Resp: 718

Ion Ratio Lower Upper

180 100

182 95.8 76.0 114.0

145 21.4 28.4 42.6#



Abundance Ion 179.90 (179.60 to 180.60): VU040254.D (-3872) (-)

Ion 182.00 (181.70 to 182.70): VU040254.D (-3872) (-)

Ion 144.95 (144.65 to 145.65): VU040254.D (-3872) (-)

13.83

600

400

200

0

Time--> 13.80 13.85

