

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040148.D
 Acq On : 16 Sep 2020 15:16
 Operator : SY/MD
 Sample : L4041-04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB0

Quant Time: Sep 17 01:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 01:09:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109734	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	107259	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	46094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	28062	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.92	69	25320	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.58	63	47600	3.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.00%
20) 2-Butanone-d5	4.67	46	111223	46.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.82%
24) Chloroform-d	5.08	84	62781	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.72	65	39554	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
32) Benzene-d6	5.75	84	116252	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.70	67	38539	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.91	98	91927	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	8.19	79	14602	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.64	63	76870	42.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.60%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	32293	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	34797	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

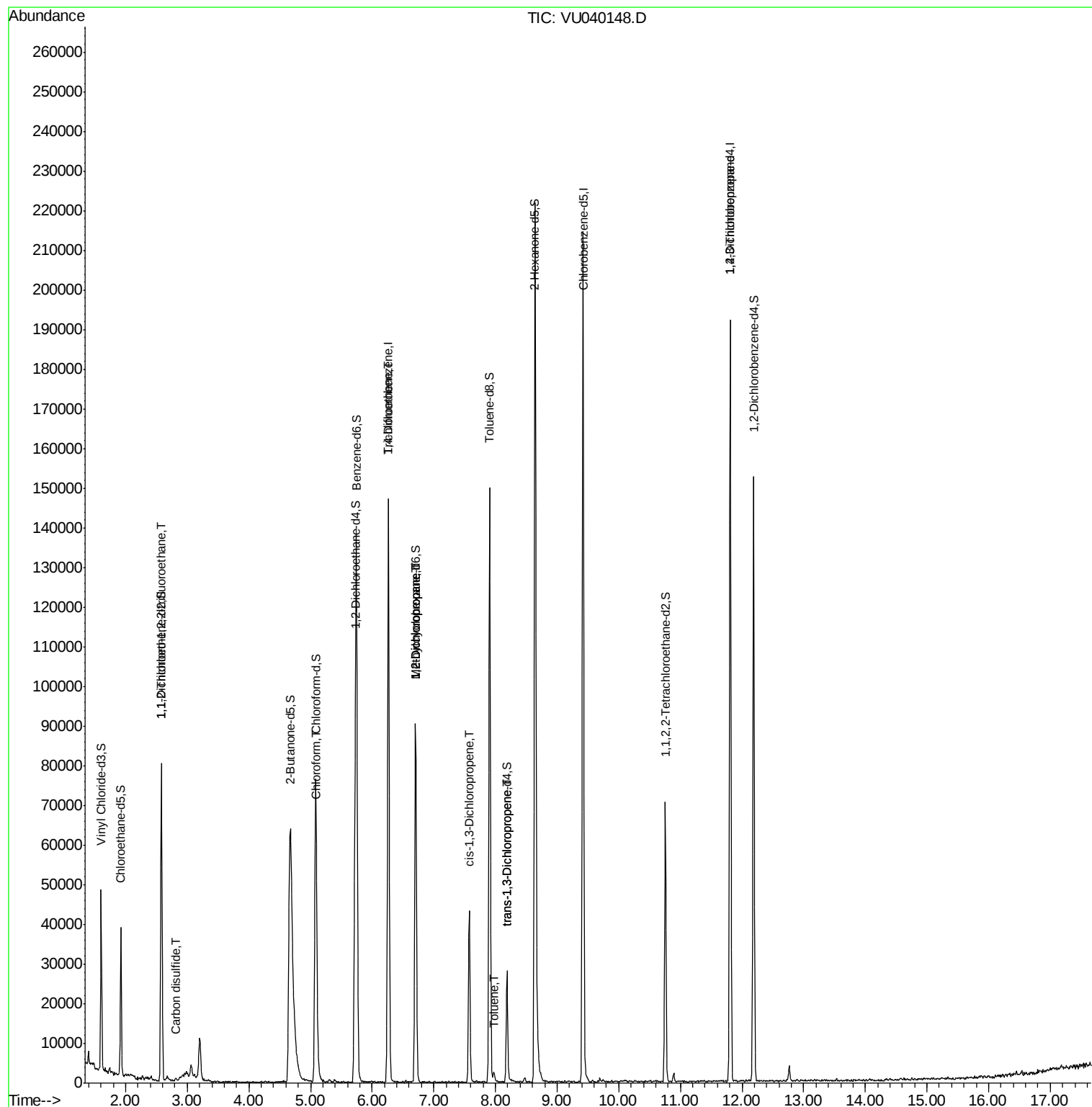
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	437	0.045	ug/L #	22
14) Carbon disulfide	2.81	76	1174	0.043	ug/L #	75
25) Chloroform	5.11	83	3844	0.200	ug/L	92
34) Trichloroethene	6.27	95	2109	0.205	ug/L #	9
35) Methylcyclohexane	6.70	83	9579	0.608	ug/L #	14
37) 1,2-Dichloropropane	6.71	63	5103	0.491	ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1304	0.085	ug/L #	62
42) Toluene	7.98	91	1776	0.045	ug/L	93
44) trans-1,3-Dichloropropene	8.18	75	869	0.061	ug/L	93
59) 1,2,3-Trichloropropane	11.81	75	6542	0.850	ug/L #	78

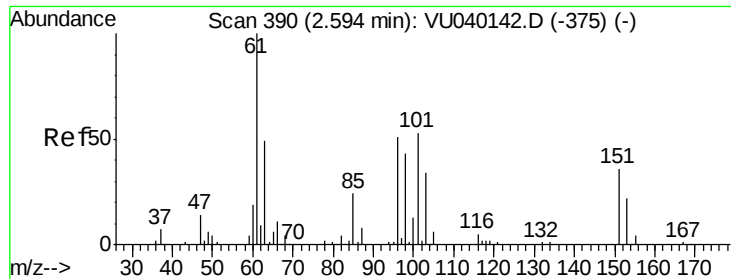
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 17 01:09:36 2020
Response via : Initial Calibration





#10

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

Concen: 0.045 ug/L

RT: 2.58 min Scan# 387

Delta R.T. -0.01 min

Lab File: VU040148.D

Acq: 16 Sep 2020 15:16

Instrument :

MSVOA_U

ClientSampled :

C0AB0

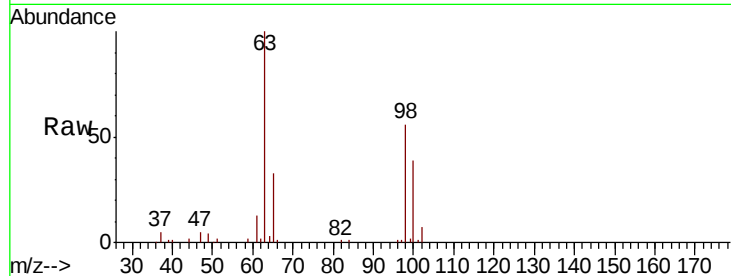
Tot Ion:101 Resp: 437

Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

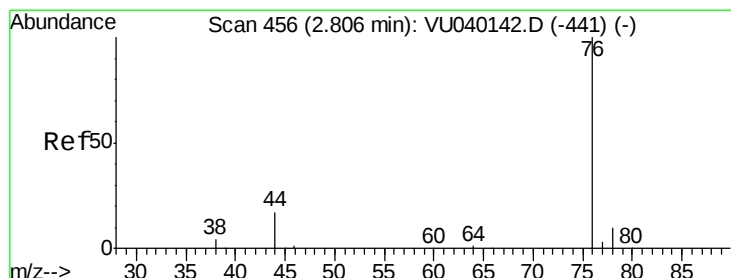
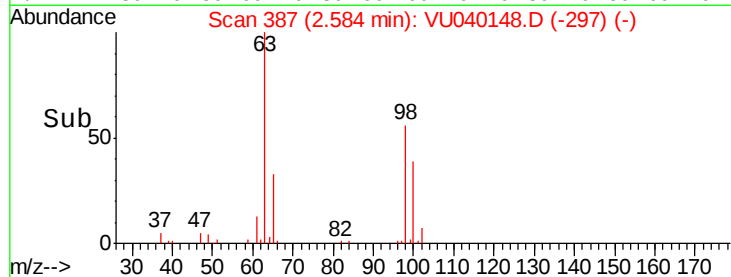
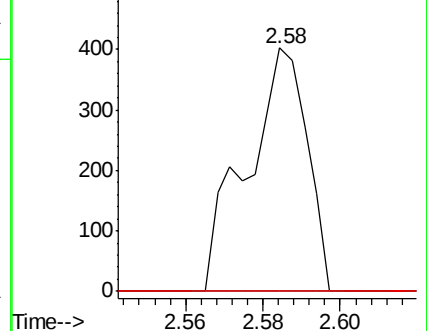
151 0.0 53.9 80.9#



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



#14

Carbon disulfide

Concen: 0.043 ug/L

RT: 2.81 min Scan# 458

Delta R.T. 0.01 min

Lab File: VU040148.D

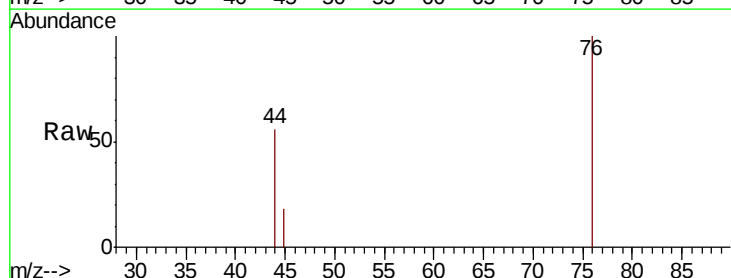
Acq: 16 Sep 2020 15:16

Tgt Ion: 76 Resp: 1174

Ion Ratio Lower Upper

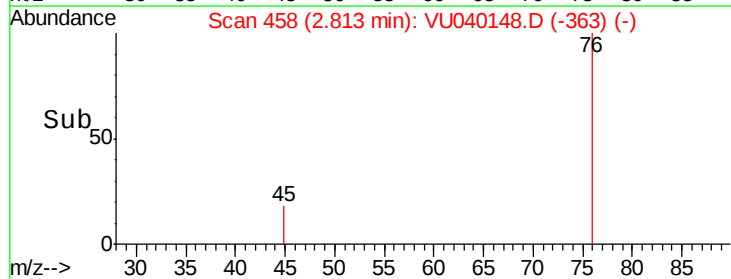
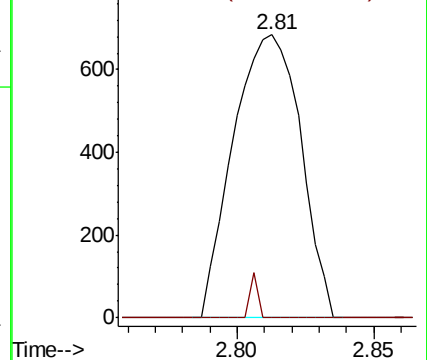
76 100

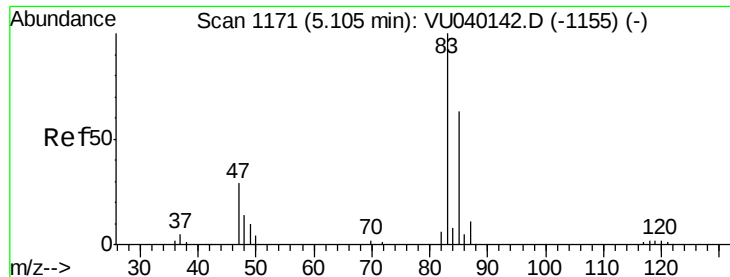
78 0.0 7.2 10.8#



Abundance Ion 76.05 (75.75 to 76.75): VU0

Ion 78.00 (77.70 to 78.70): VU0

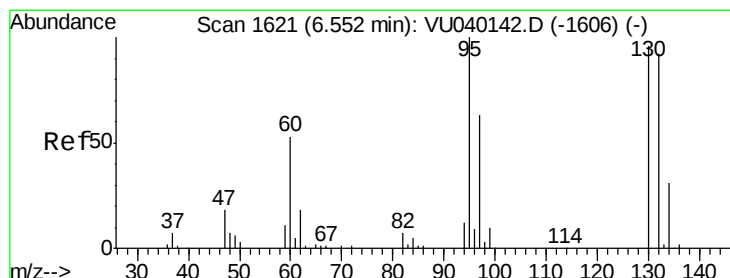
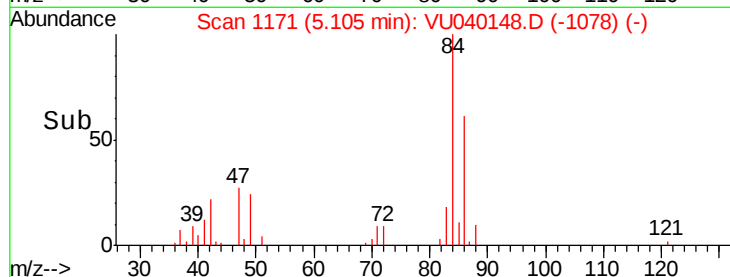
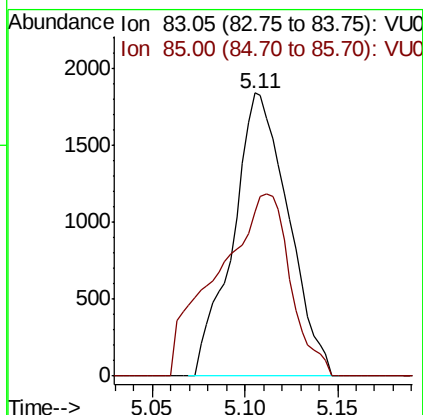
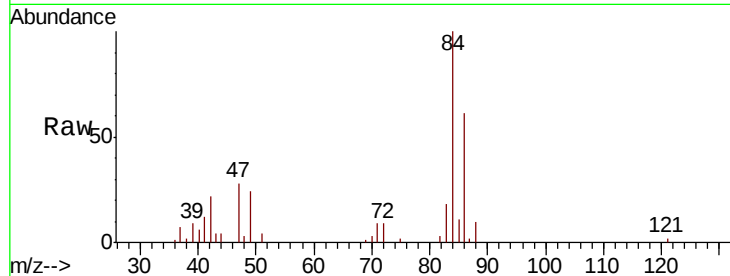




#25
Chloroform
Concen: 0.200 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040148.D
Acq: 16 Sep 2020 15:16

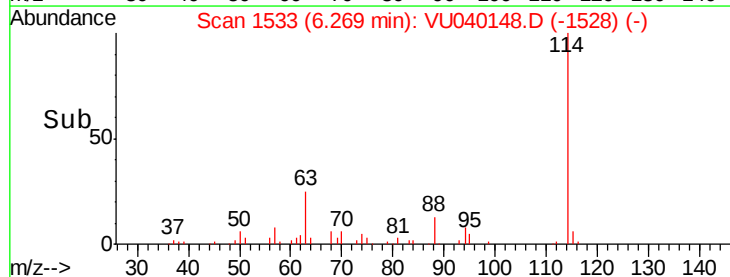
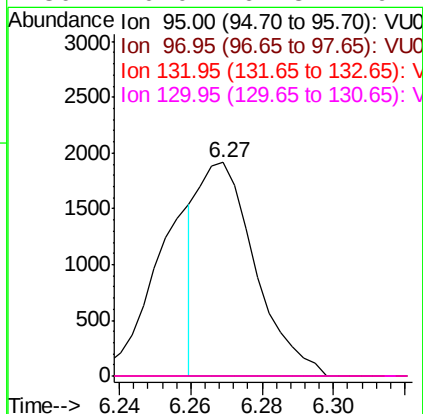
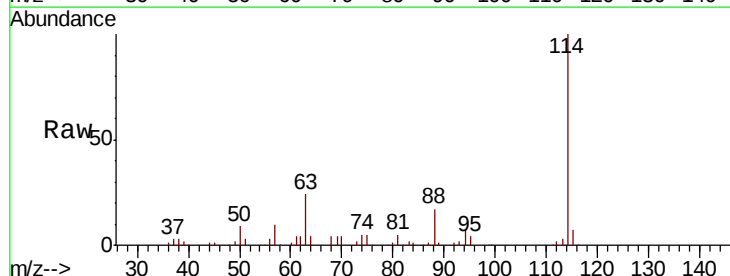
Instrument :
MSVOA_U
ClientSampleId :
C0AB0

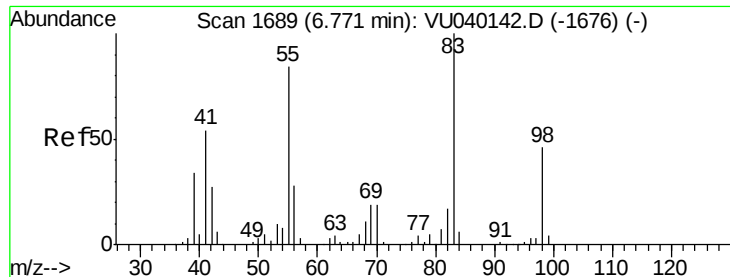
Tot Ion: 83 Resp: 3844
Ion Ratio Lower Upper
83 100
85 58.1 45.3 84.1



#34
Trichloroethene
Concen: 0.205 ug/L
RT: 6.27 min Scan# 1533
Delta R.T. -0.28 min
Lab File: VU040148.D
Acq: 16 Sep 2020 15:16

Tgt Ion: 95 Resp: 2109
Ion Ratio Lower Upper
95 100
97 0.0 43.3 80.5#
132 0.0 59.4 110.4#
130 0.0 64.8 120.4#

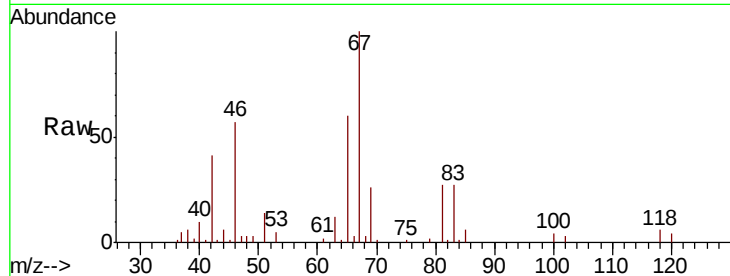




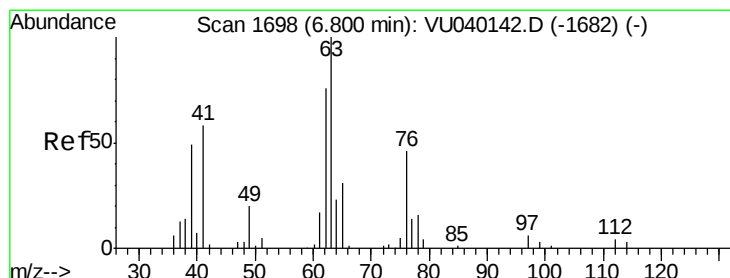
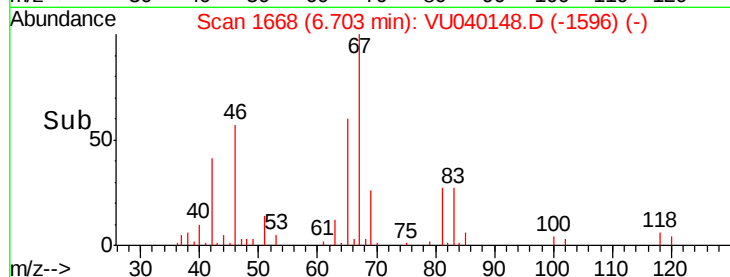
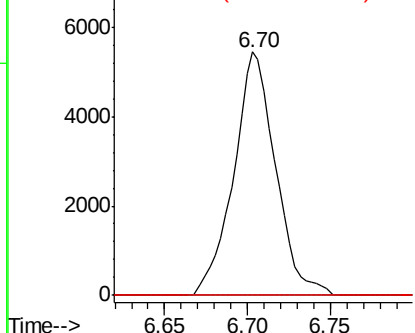
#35
Methvlcvclohexane
Concen: 0.608 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040148.D
Acq: 16 Sep 2020 15:16

Instrument :
MSVOA_U
ClientSampleId :
C0AB0

Tot Ion: 83 Resp: 9579
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.2 37.8 56.6#

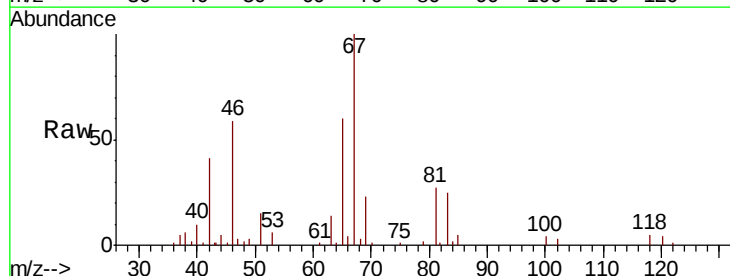


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

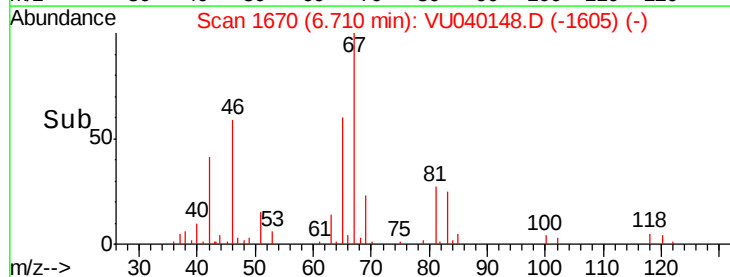
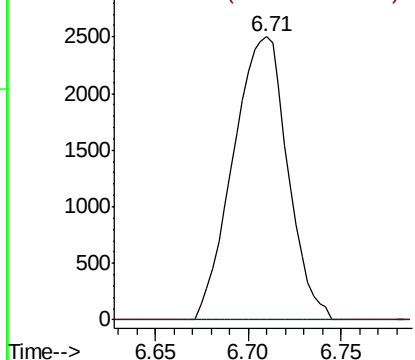


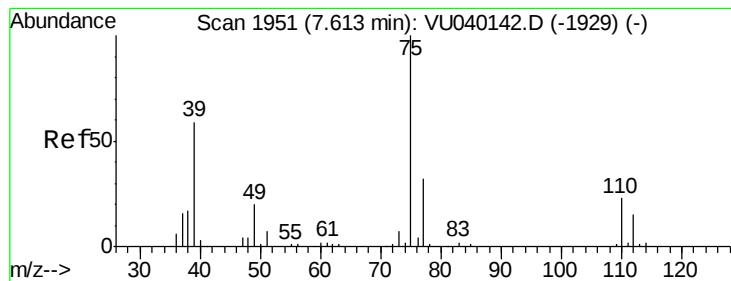
#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.71 min Scan# 1670
Delta R.T. -0.09 min
Lab File: VU040148.D
Acq: 16 Sep 2020 15:16

Tgt Ion: 63 Resp: 5103
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



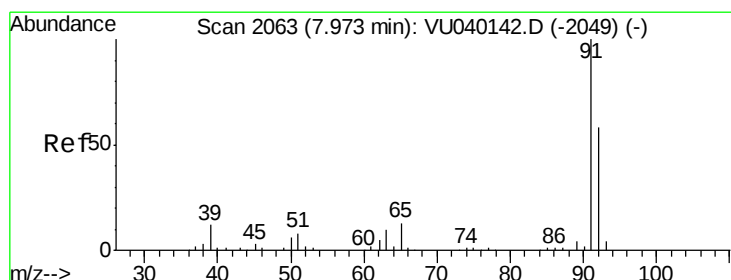
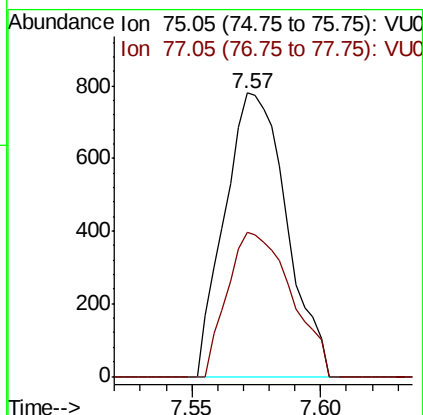
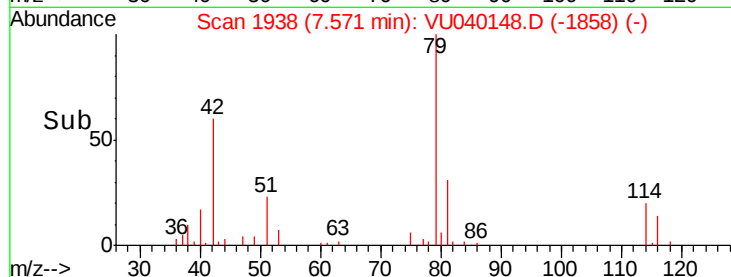
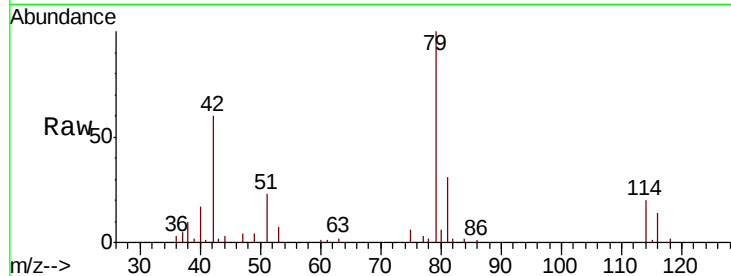


#39

cis-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.57 min Scan# 1938
Delta R.T. -0.04 min
Lab File: VU040148.D
Acq: 16 Sep 2020 15:16

Instrument :
MSVOA_U
ClientSampleId :
C0AB0

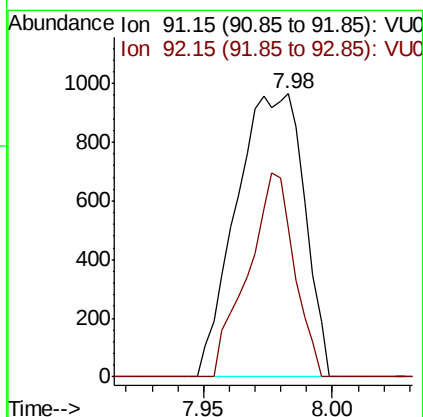
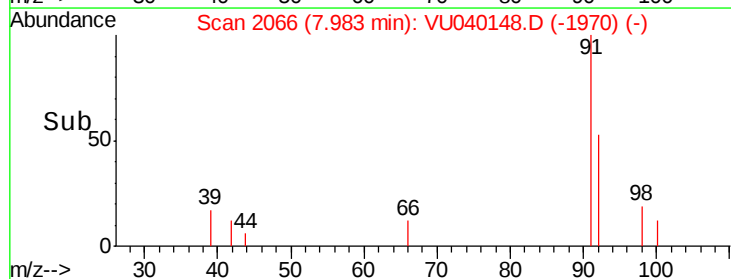
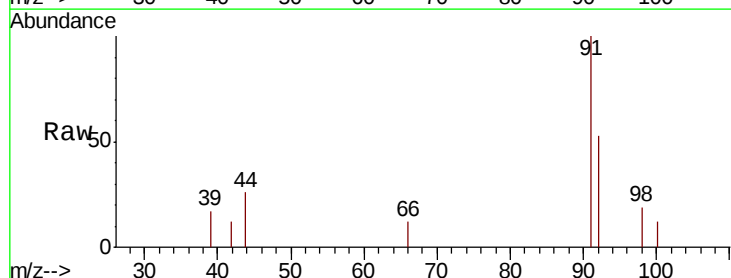
Tot Ion: 75 Resp: 1304
Ion Ratio Lower Upper
75 100
77 50.8 21.1 39.3#

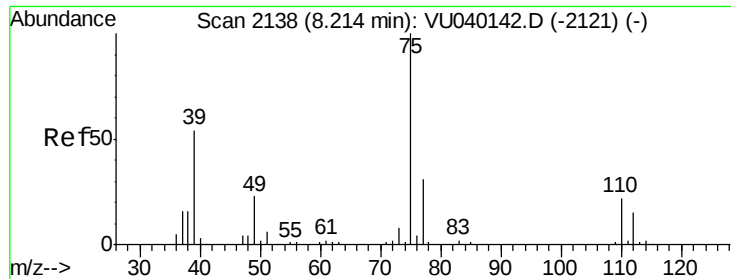


#42

Toluene
Concen: 0.045 ug/L
RT: 7.98 min Scan# 2066
Delta R.T. 0.01 min
Lab File: VU040148.D
Acq: 16 Sep 2020 15:16

Tgt Ion: 91 Resp: 1776
Ion Ratio Lower Upper
91 100
92 52.8 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.061 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU040148.D

Acq: 16 Sep 2020 15:16

Instrument :

MSVOA_U

ClientSampleId :

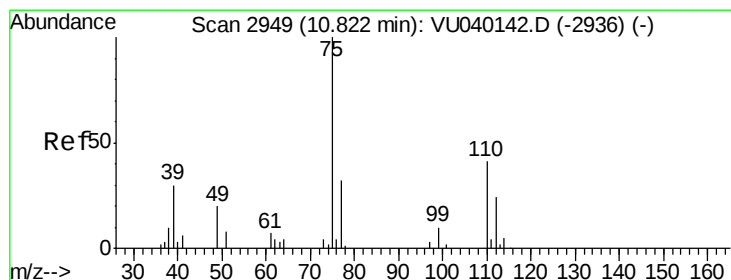
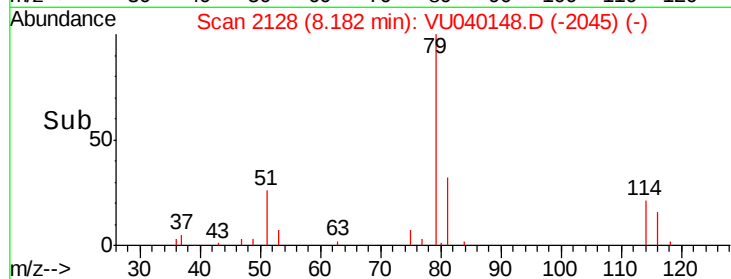
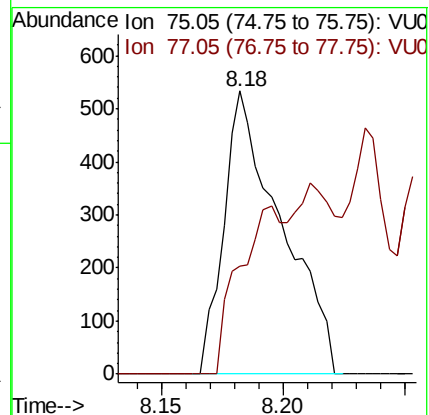
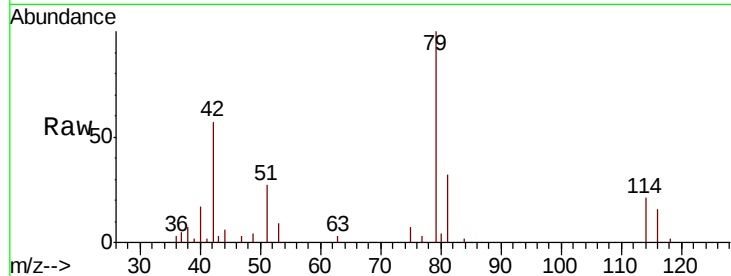
C0AB0

Tot Ion: 75 Resp: 869

Ion Ratio Lower Upper

75 100

77 38.1 23.9 44.3



#59

1,2,3-Trichloropropane

Concen: 0.850 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.98 min

Lab File: VU040148.D

Acq: 16 Sep 2020 15:16

Tgt Ion: 75 Resp: 6542

Ion Ratio Lower Upper

75 100

77 43.3 24.9 37.3#

