

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091420\
 Data File : VU040126.D
 Acq On : 14 Sep 2020 18:21
 Operator : SY/MD
 Sample : L4001-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP0

Quant Time: Sep 15 02:15:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 15 01:48:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	103559	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	105274	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44338	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30825	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.92	69	27014	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.60%
11) 1,1-Dichloroethene-d2	2.58	63	50231	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.66	46	111017	49.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.18%
24) Chloroform-d	5.08	84	64138	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	39351	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.74	84	117894	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.70	67	38565	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.91	98	95152	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	8.19	79	14176	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.64	63	77733	44.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.20%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	33933	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	37943	5.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.80%

Target Compounds

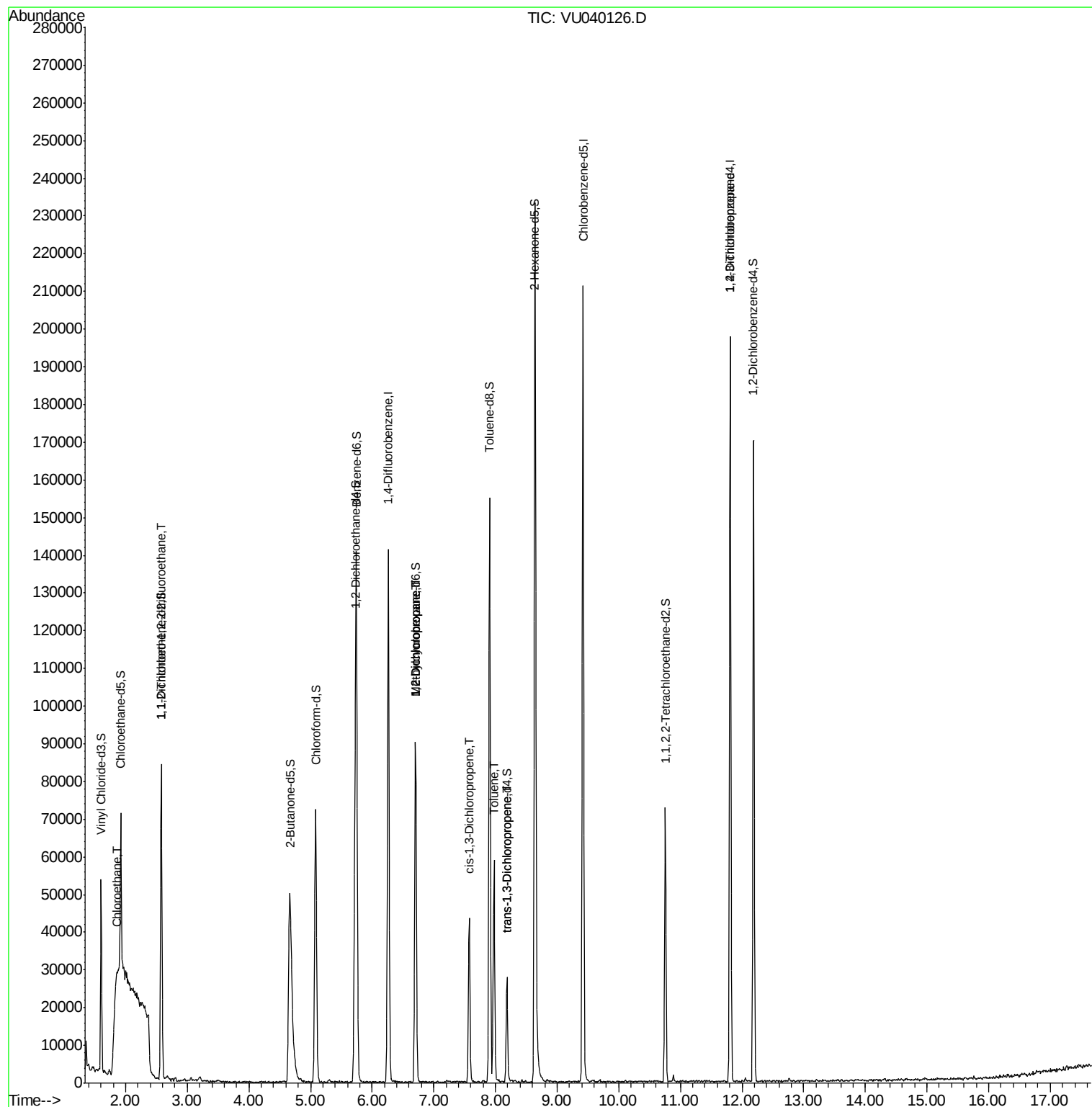
					Ovalue
8) Chloroethane	1.85	64	48130	8.028 ug/L #	49
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	415	0.045 ug/L #	22
35) Methylcyclohexane	6.70	83	9180	0.593 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	4770	0.468 ug/L #	88
39) cis-1,3-Dichloropropene	7.57	75	1212	0.081 ug/L #	44
42) Toluene	7.98	91	39272	1.013 ug/L	97
44) trans-1,3-Dichloropropene	8.19	75	906	0.065 ug/L #	80
59) 1,2,3-Trichloropropane	11.81	75	6863	0.908 ug/L #	86

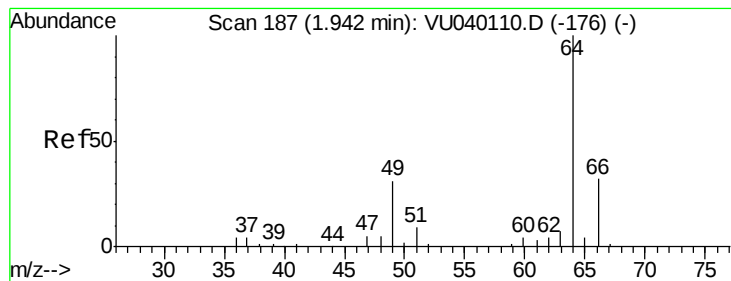
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 8.028 ug/L

RT: 1.85 min Scan# 159

Delta R.T. -0.09 min

Lab File: VU040126.D

Acq: 14 Sep 2020 18:21

Instrument :

MSVOA_U

ClientSampleId :

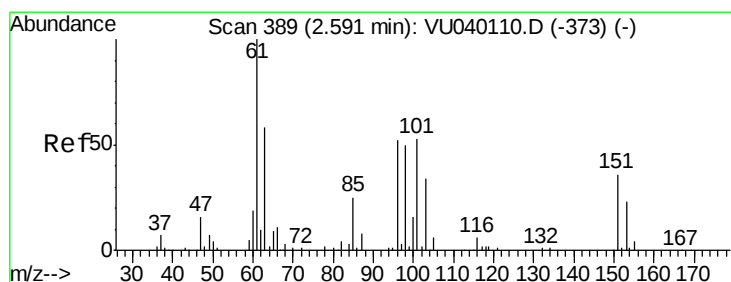
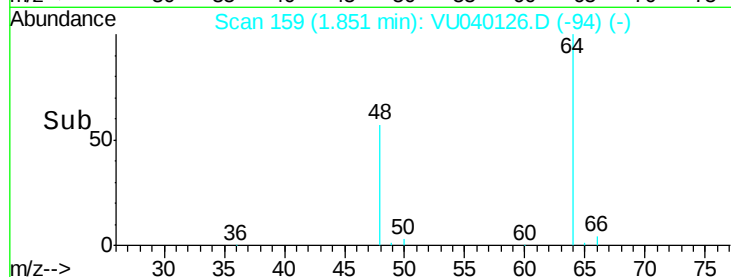
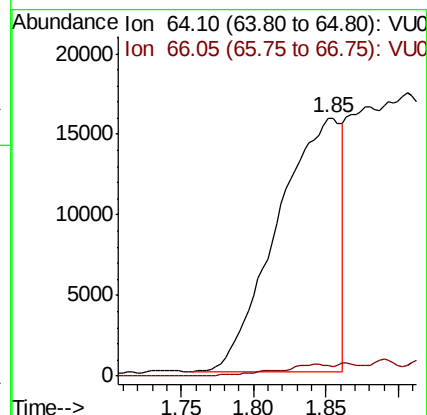
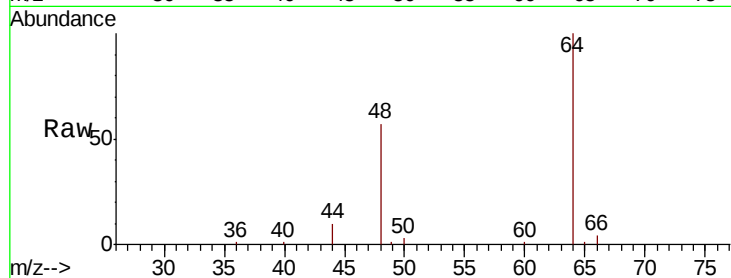
ETYP0

Tot Ion: 64 Resp: 48130

Ion Ratio Lower Upper

64 100

66 4.0 22.7 42.1#



#10

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

Concen: 0.045 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040126.D

Acq: 14 Sep 2020 18:21

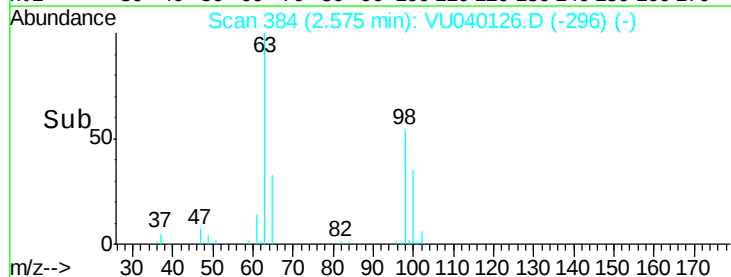
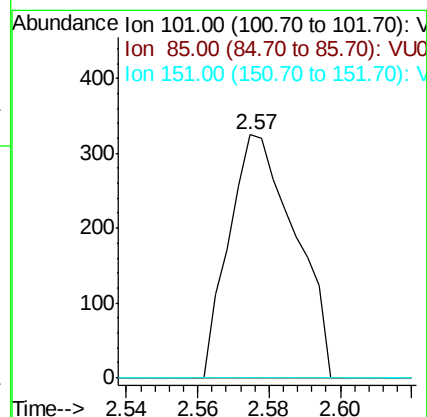
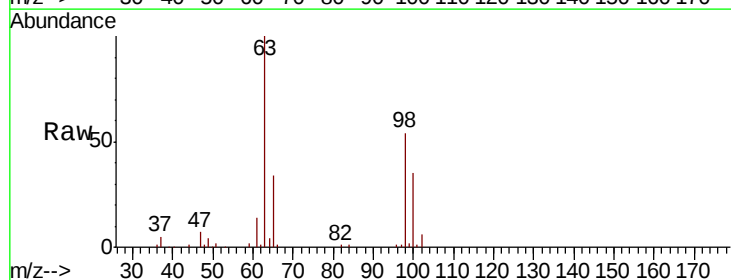
Tgt Ion: 101 Resp: 415

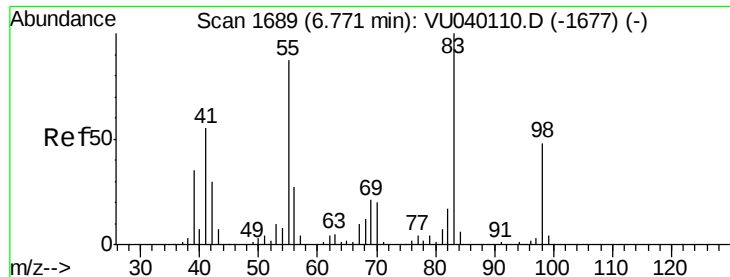
Ion Ratio Lower Upper

101 100

85 0.0 37.7 56.5#

151 0.0 53.9 80.9#

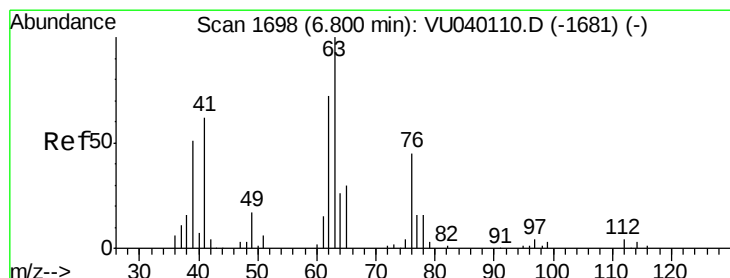
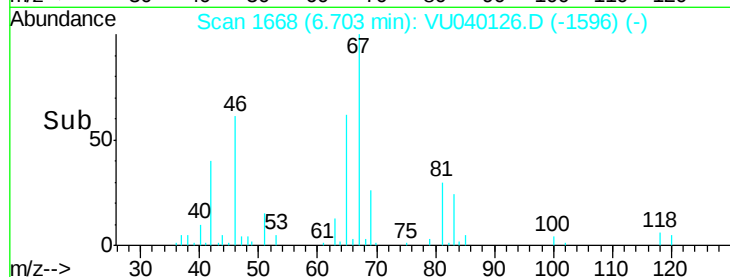
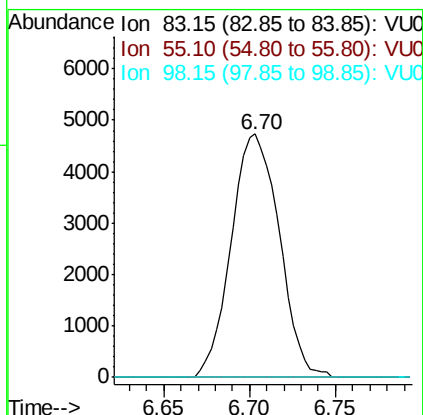
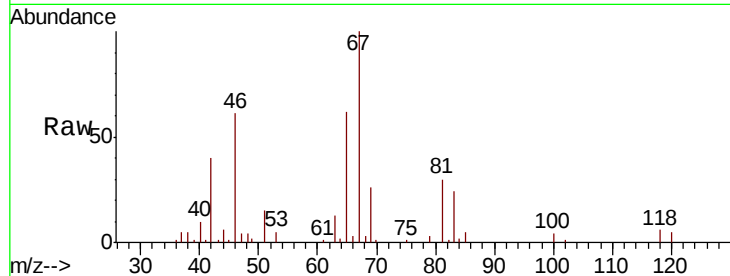




#35
Methvlcvclohexane
Concen: 0.593 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040126.D
Acq: 14 Sep 2020 18:21

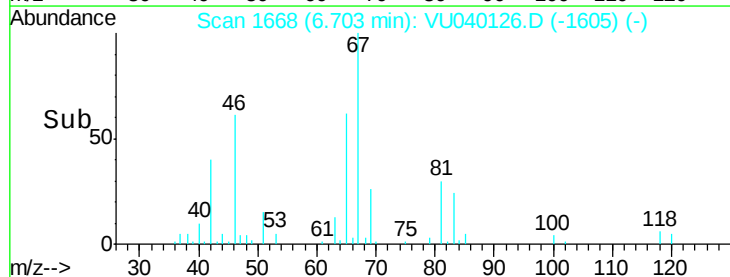
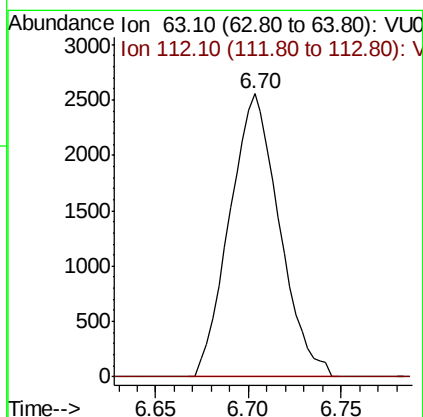
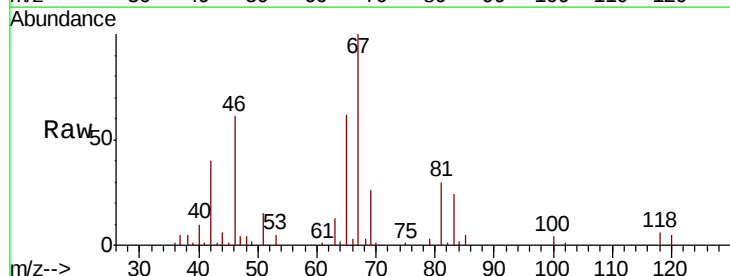
Instrument :
MSVOA_U
ClientSampleId :
ETYP0

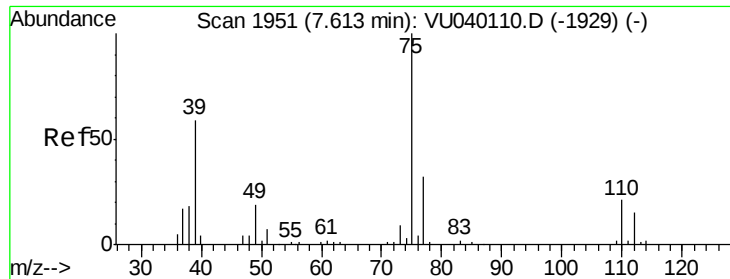
Tot Ion: 83 Resp: 9180
Ion Ratio Lower Upper
83 100
55 0.0 70.5 105.7#
98 0.0 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.10 min
Lab File: VU040126.D
Acq: 14 Sep 2020 18:21

Tgt Ion: 63 Resp: 4770
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

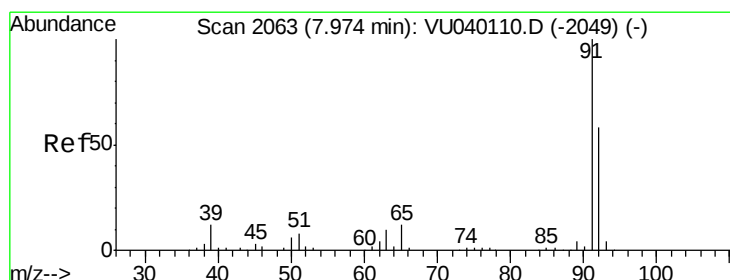
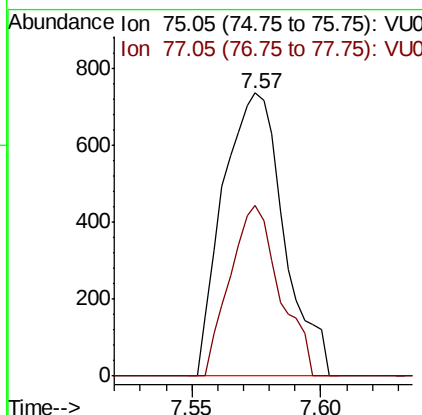
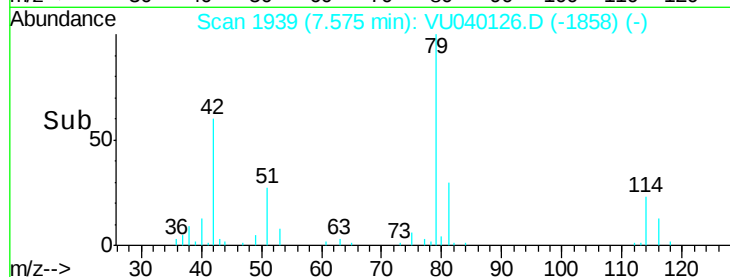
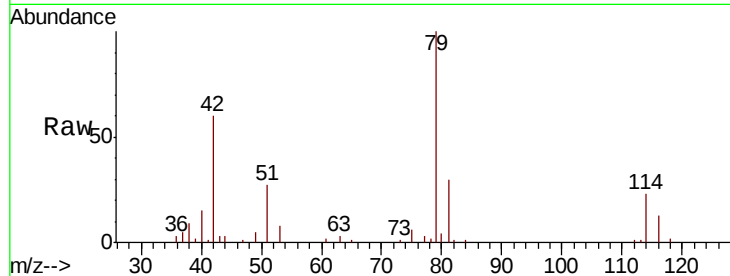




#39
 cis-1,3-Dichloropropene
 Concen: 0.081 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040126.D
 Acq: 14 Sep 2020 18:21

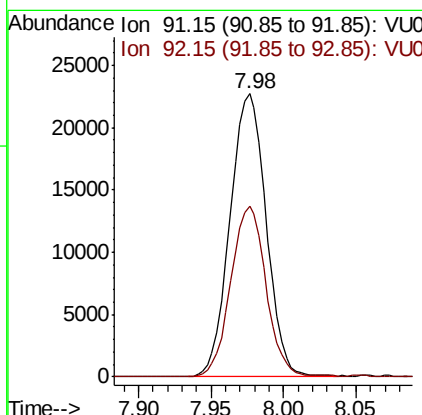
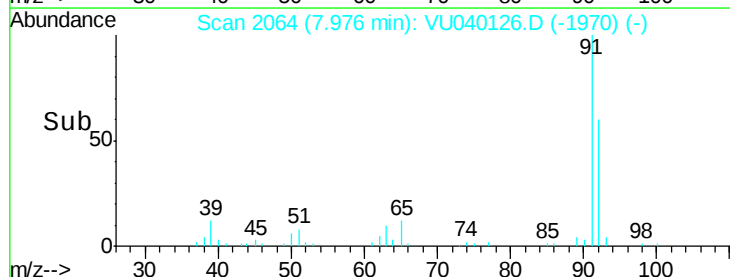
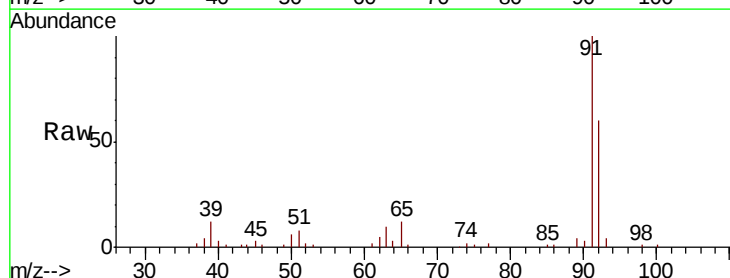
Instrument :
 MSVOA_U
 ClientSampleId :
 ETYP0

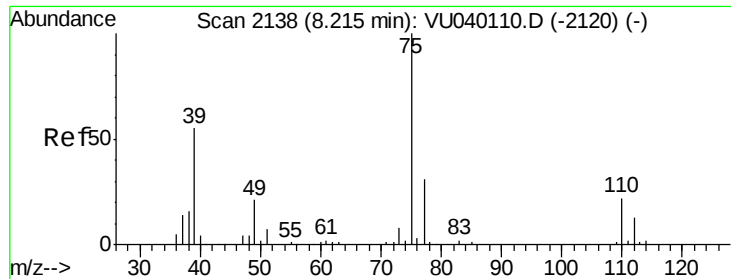
Tot Ion: 75 Resp: 1212
 Ion Ratio Lower Upper
 75 100
 77 60.4 21.1 39.3#



#42
 Toluene
 Concen: 1.013 ug/L
 RT: 7.98 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VU040126.D
 Acq: 14 Sep 2020 18:21

Tgt Ion: 91 Resp: 39272
 Ion Ratio Lower Upper
 91 100
 92 60.3 40.7 75.5





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU040126.D

Acq: 14 Sep 2020 18:21

Instrument :

MSVOA_U

ClientSampled :

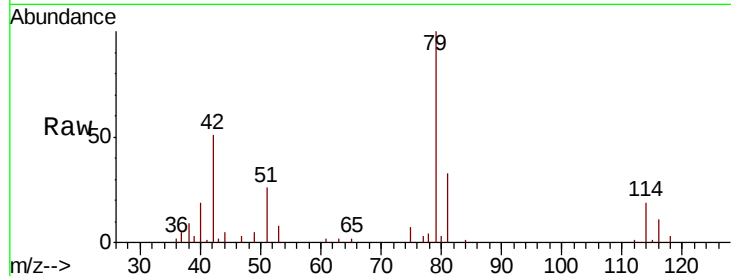
ETYP0

Tot Ion: 75 Resp: 906

Ion Ratio Lower Upper

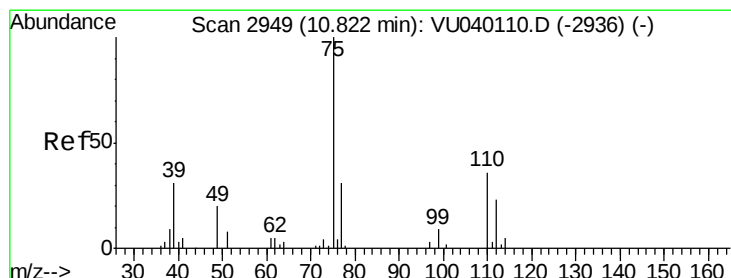
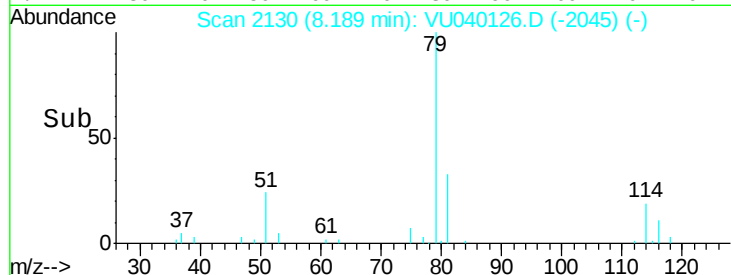
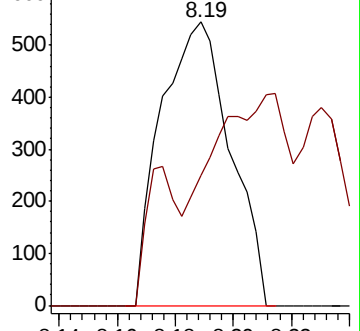
75 100

77 45.8 23.9 44.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#59

1,2,3-Trichloropropane

Concen: 0.908 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU040126.D

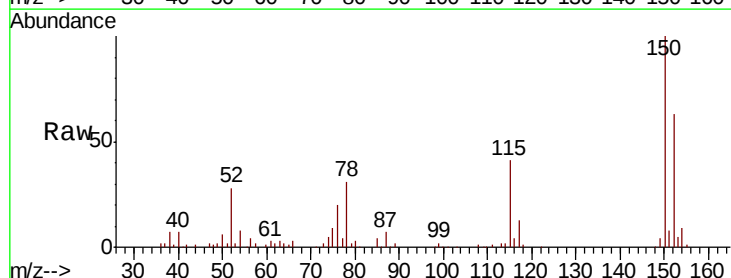
Acq: 14 Sep 2020 18:21

Tgt Ion: 75 Resp: 6863

Ion Ratio Lower Upper

75 100

77 38.6 24.9 37.3#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

