

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102920\
 Data File : VU041010.D
 Acq On : 29 Oct 2020 11:08
 Operator : SY/MD
 Sample : VU1029WBL06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

Quant Time: Oct 29 12:38:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 12:31:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	113091	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	117998	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	49504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39633	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.92	69	31249	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.58	65	18260	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.20%
20) 2-Butanone-d5	4.66	46	171345	54.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	5.08	84	76238	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.72	65	49777	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.74	84	136688	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.70	67	48471	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	7.91	98	109119	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	8.19	79	19842	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.64	63	116543	50.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.58%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	43436	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.20%
66) 1,2-Dichlorobenzene-d4	12.19	152	43180	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

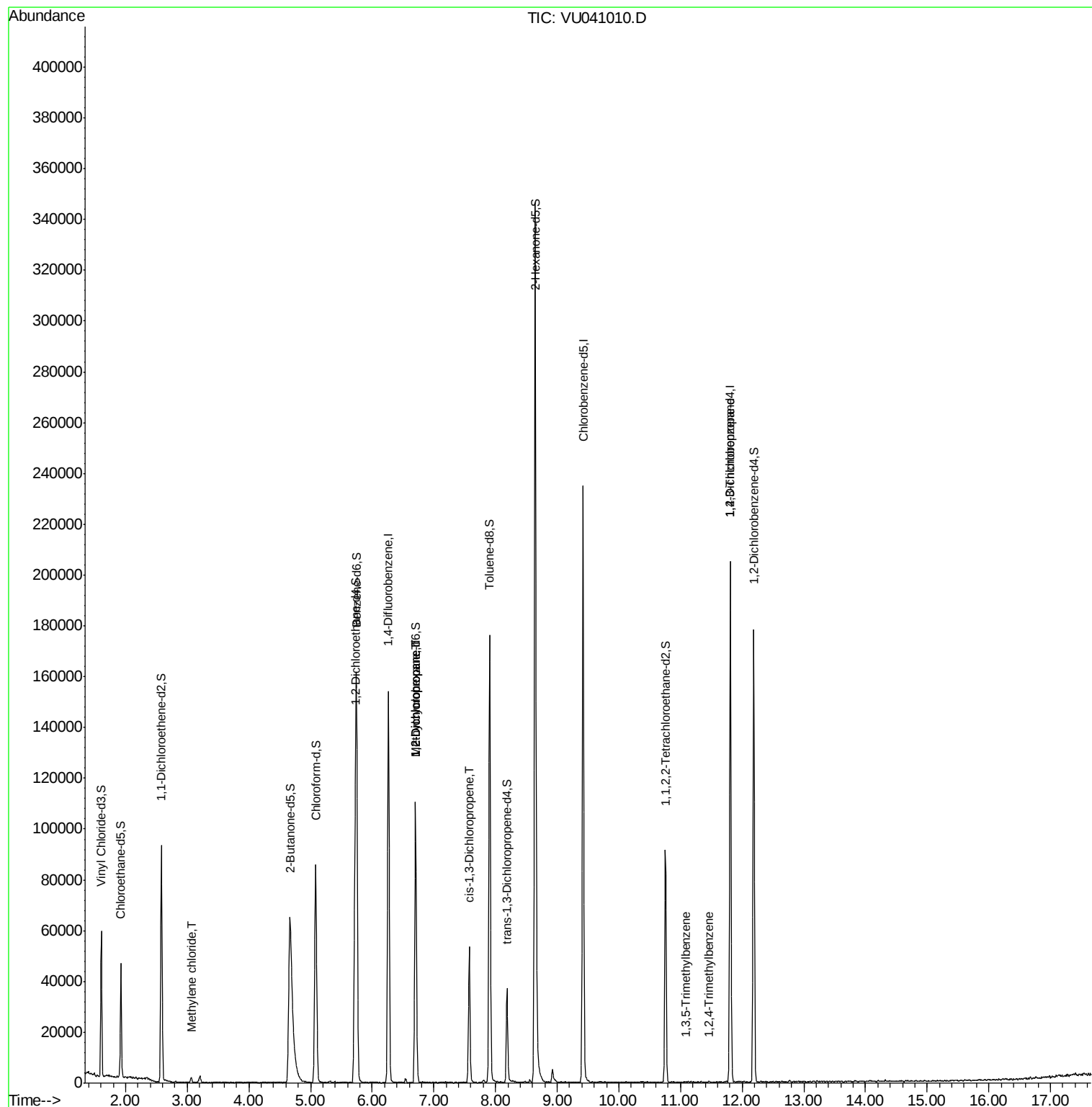
					Ovalue
16) Methylene chloride	3.06	84	989	0.108 ug/L #	63
35) Methylcyclohexane	6.70	83	11216	0.882 ug/L #	13
37) 1,2-Dichloropropane	6.70	63	5333	0.547 ug/L #	89
39) cis-1,3-Dichloropropene	7.57	75	1451	0.113 ug/L	90
61) 1,2,3-Trichloropropane	11.81	75	7386	1.237 ug/L #	66
62) 1,3,5-Trimethylbenzene	11.09	105	40	0.002 ug/L #	29
63) 1,2,4-Trimethylbenzene	11.46	105	205	0.009 ug/L #	62

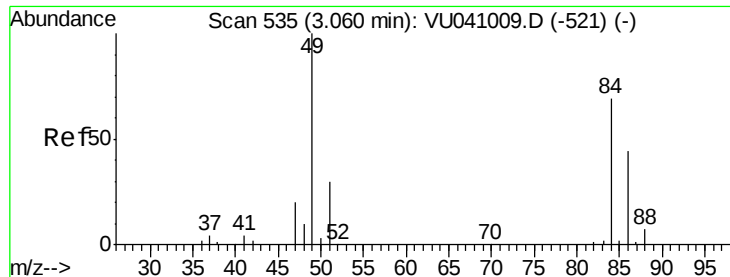
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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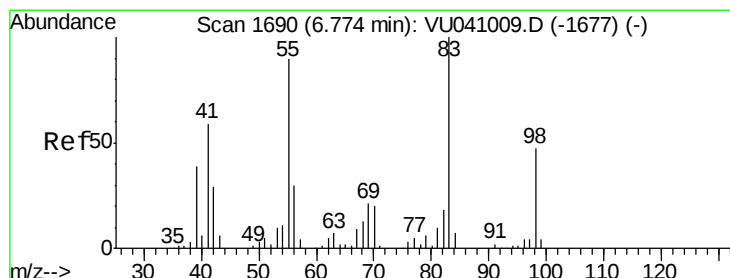
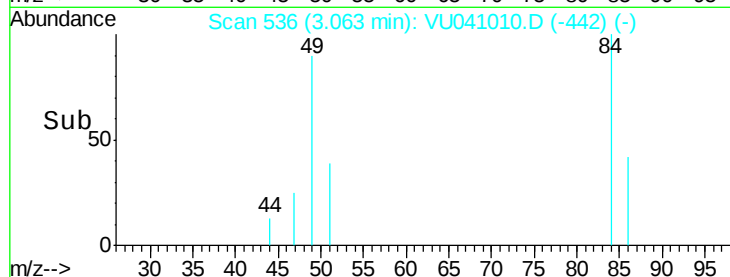
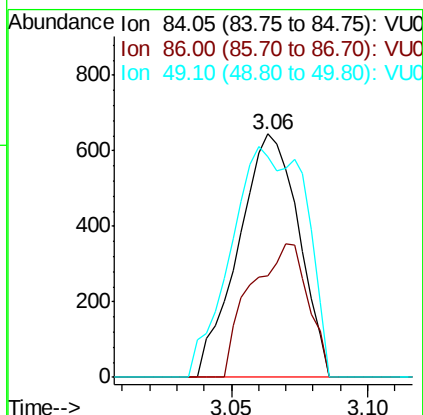
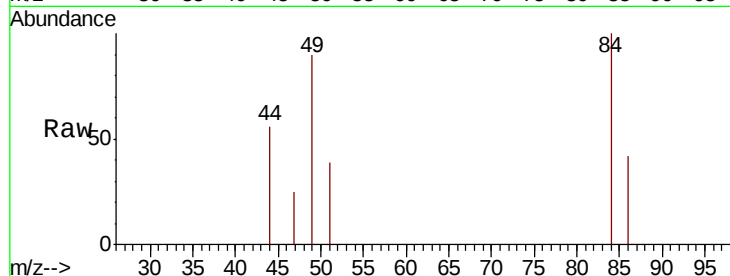




#16
Methylene chloride
Concen: 0.108 ug/L
RT: 3.06 min Scan# 536
Delta R.T. 0.00 min
Lab File: VU041010.D
Acq: 29 Oct 2020 11:08

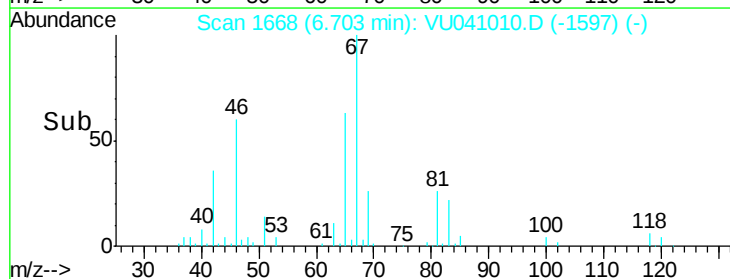
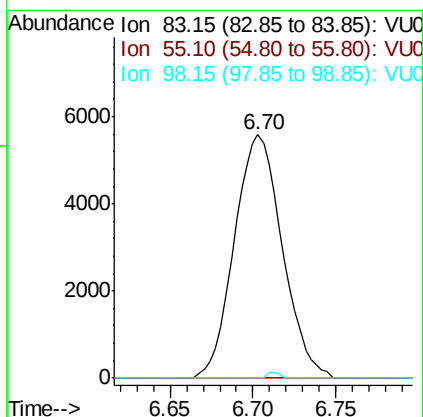
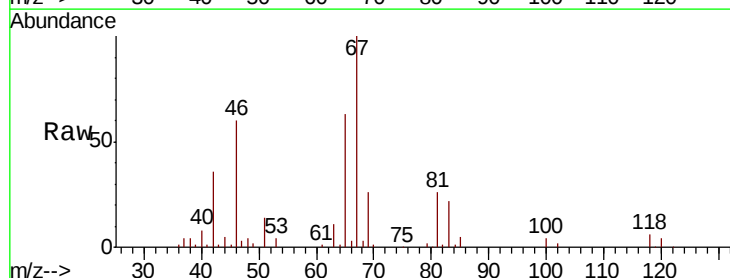
Instrument :
MSVOA_U
ClientSampleId :
VBLK11

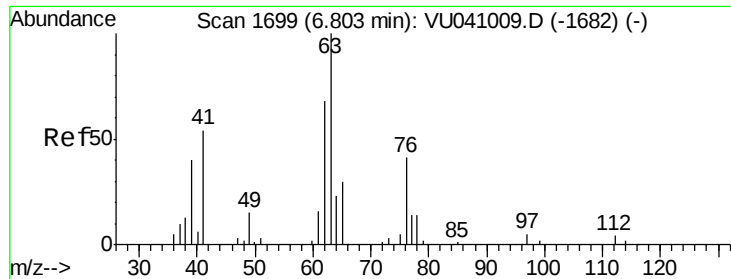
Tot Ion: 84 Resp: 989
Ion Ratio Lower Upper
84 100
86 41.9 44.2 82.0#
49 90.4 99.3 184.3#



#35
Methylcyclohexane
Concen: 0.882 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU041010.D
Acq: 29 Oct 2020 11:08

Tgt Ion: 83 Resp: 11216
Ion Ratio Lower Upper
83 100
55 0.0 72.7 109.1#
98 0.6 35.7 53.5#

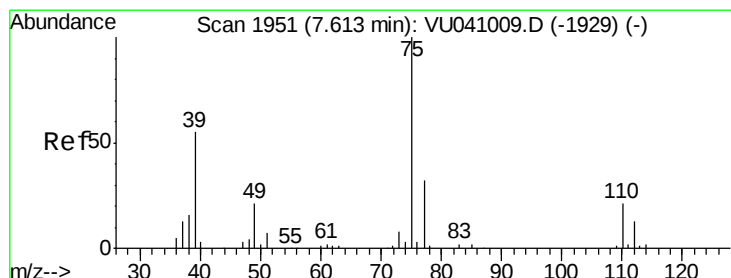
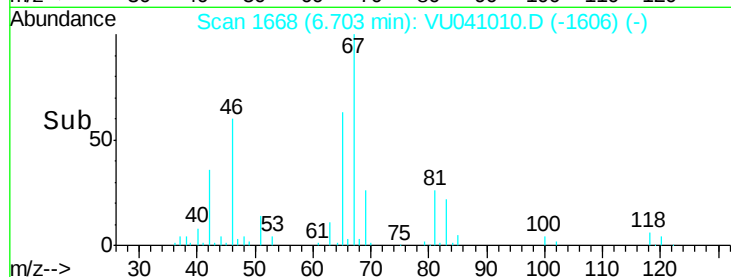
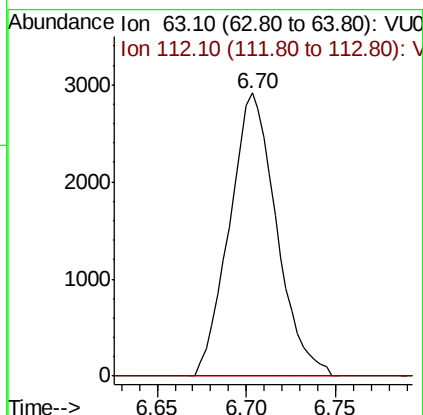
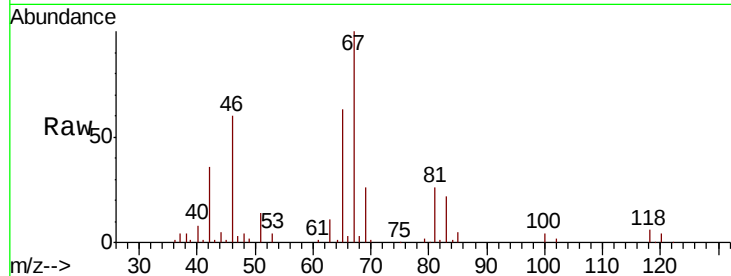




#37
 1,2-Dichloropropane
 Concen: 0.547 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041010.D
 Acq: 29 Oct 2020 11:08

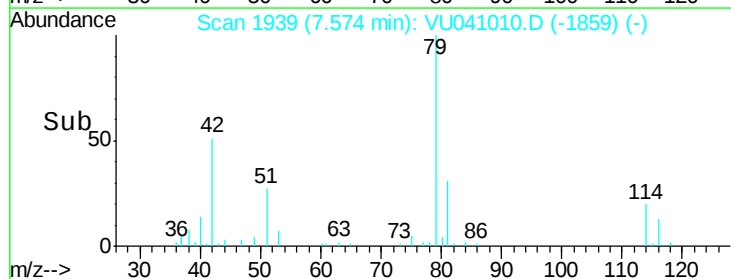
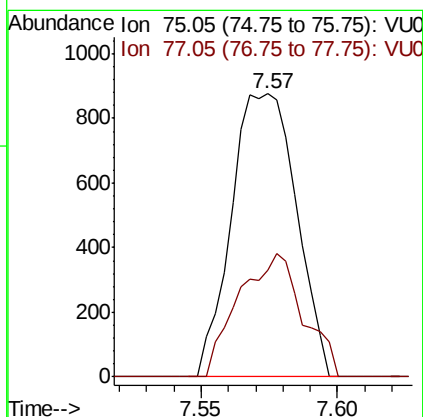
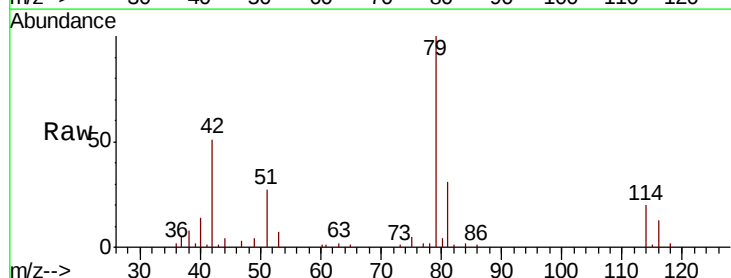
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK11

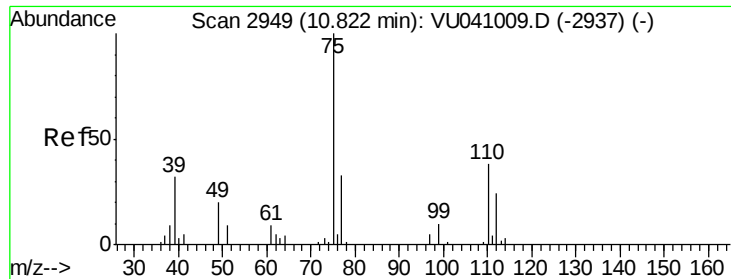
Tot Ion: 63 Resp: 5333
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU041010.D
 Acq: 29 Oct 2020 11:08

Tgt Ion: 75 Resp: 1451
 Ion Ratio Lower Upper
 75 100
 77 37.9 22.7 42.3

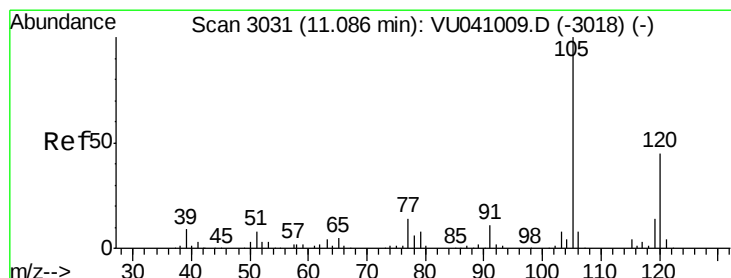
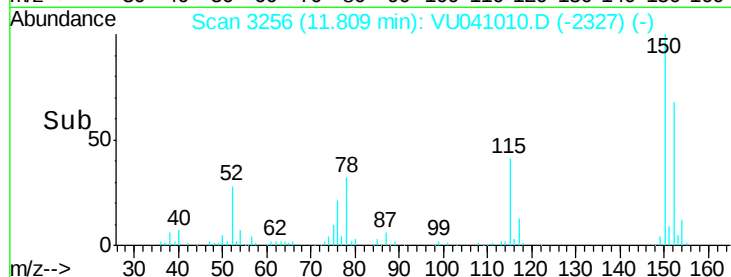
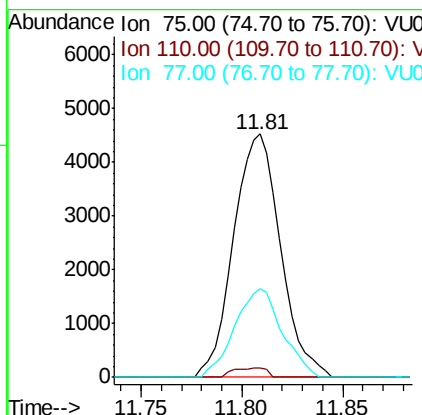
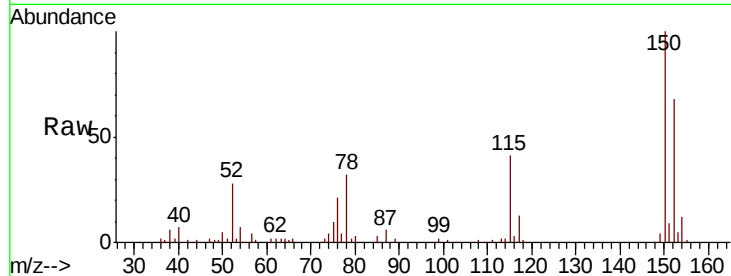




#61
 1,2,3-Trichloropropane
 Concen: 1.237 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU041010.D
 Acq: 29 Oct 2020 11:08

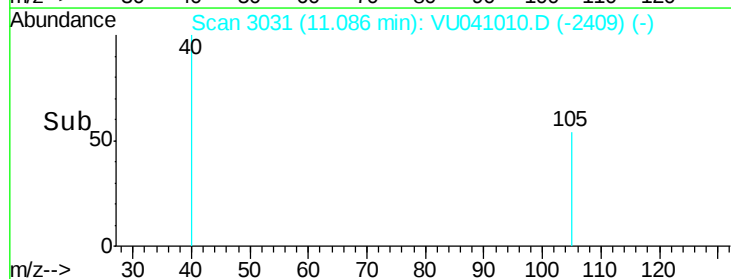
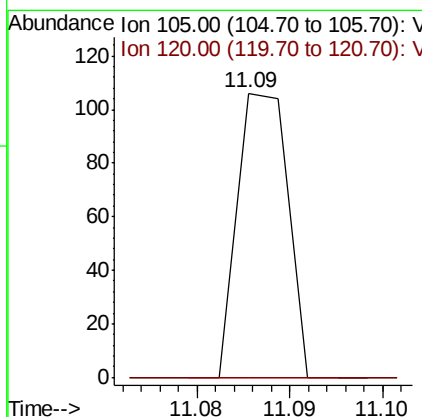
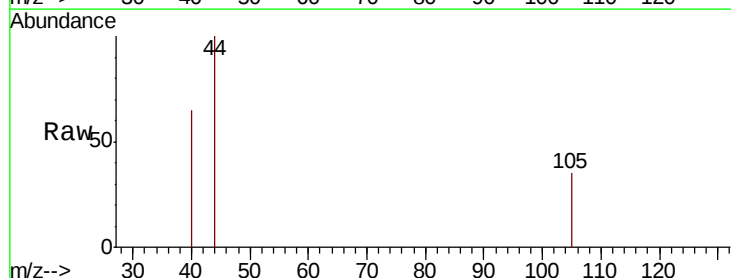
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK11

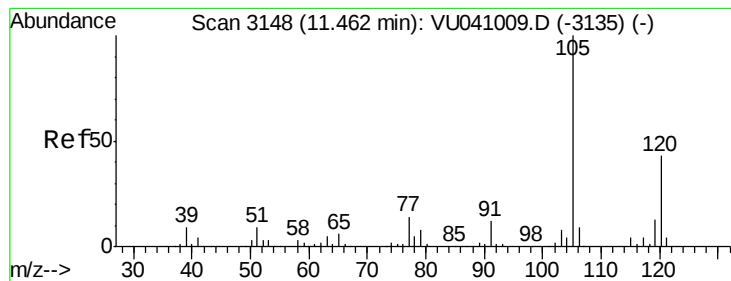
Tot Ion: 75 Resp: 7386
 Ion Ratio Lower Upper
 75 100
 110 2.8 27.5 41.3#
 77 36.6 24.9 37.3



#62
 1,3,5-Trimethylbenzene
 Concen: 0.002 ug/L
 RT: 11.09 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VU041010.D
 Acq: 29 Oct 2020 11:08

Tgt Ion: 105 Resp: 40
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.0 57.0#





#63

1,2,4-Trimethylbenzene

Concen: 0.009 ug/L

RT: 11.46 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU041010.D

Acq: 29 Oct 2020 11:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK11

Tot Ion:105 Resp: 205

Ion Ratio Lower Upper

105 100

120 19.0 34.6 52.0#

