

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100720\
 Data File : VU040542.D
 Acq On : 07 Oct 2020 11:32
 Operator : SY/MD
 Sample : VU1007WBL05
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK207

Quant Time: Oct 08 01:20:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 08 01:13:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	279044	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	281407	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	120554	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	113734	47.46	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.92%
7) Chloroethane-d5	1.92	69	90203	49.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.82%
11) 1,1-Dichloroethene-d2	2.58	63	165168	36.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.24%
21) 2-Butanone-d5	4.64	46	190247	100.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.03%
24) Chloroform-d	5.08	84	200826	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
26) 1,2-Dichloroethane-d4	5.72	65	139139	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
32) Benzene-d6	5.74	84	382944	47.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.62%
36) 1,2-Dichloropropane-d6	6.70	67	131764	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.18%
41) Toluene-d8	7.91	98	334198	46.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.06%
43) trans-1,3-Dichloropropene-	8.19	79	60221	44.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.64%
47) 2-Hexanone-d5	8.64	63	118668	94.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.83%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	180440	46.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.08%
66) 1,2-Dichlorobenzene-d4	12.19	152	125625	51.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

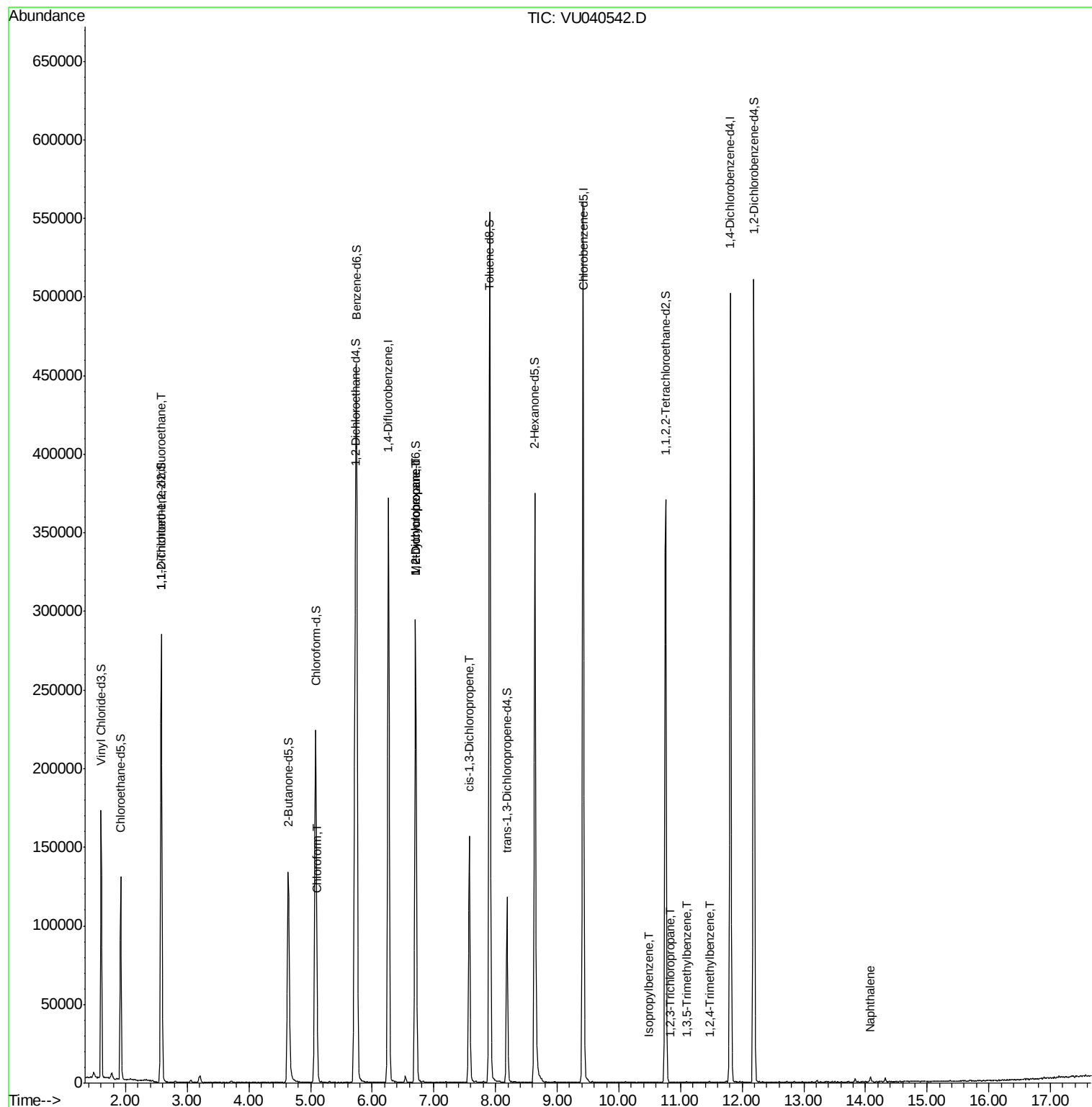
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	1470	0.688	ug/L #	22
25) Chloroform	5.11	83	3949	0.922	ug/L	90
35) Methylcyclohexane	6.70	83	29852	8.380	ug/L #	15
37) 1,2-Dichloropropane	6.71	63	14500	5.805	ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	3881	1.060	ug/L #	54
60) 1,2,3-Trichloropropane	10.82	75	139	0.051	ug/L #	39
61) Isopropylbenzene	10.48	105	220	0.027	ug/L #	54
62) 1,3,5-Trimethylbenzene	11.09	105	219	0.033	ug/L #	58
63) 1,2,4-Trimethylbenzene	11.47	105	272	0.040	ug/L #	31
71) Naphthalene	14.08	128	3226	0.466	ug/L #	85

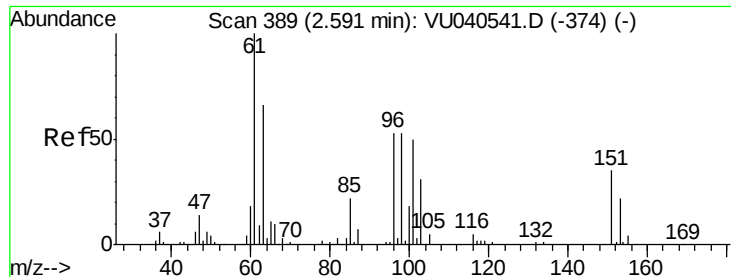
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 08 01:13:08 2020
Response via : Initial Calibration





#10

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

Concen: 0.688 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU040542.D

Acq: 07 Oct 2020 11:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK207

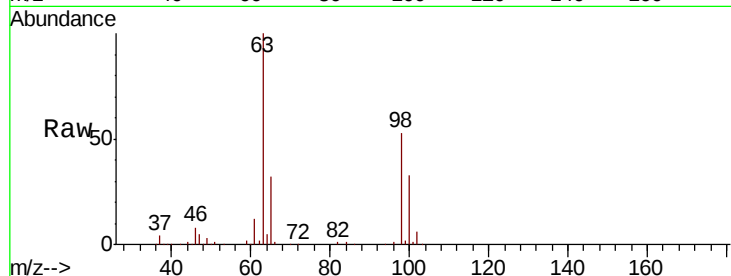
Tot Ion:101 Resp: 1470

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

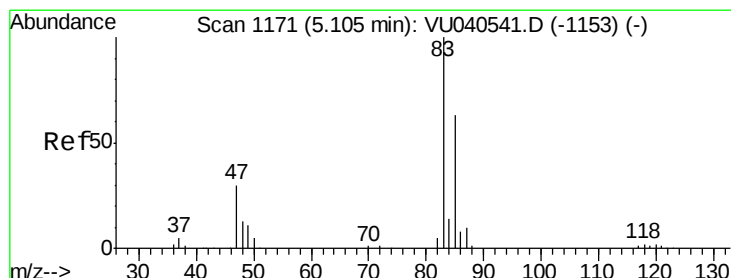
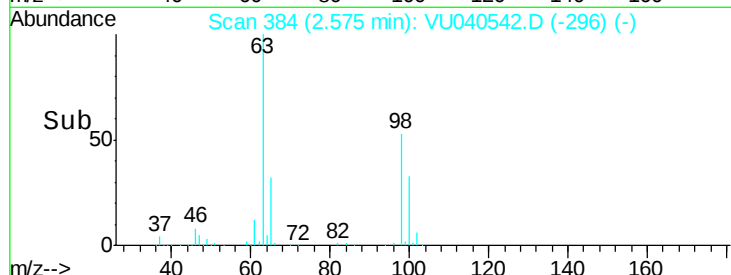
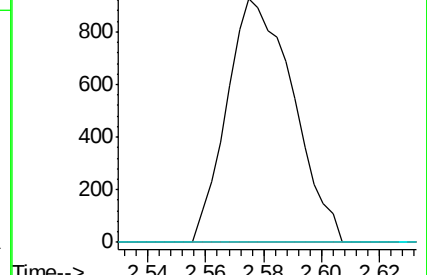
151 0.0 54.8 82.2#



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



#25

Chloroform

Concen: 0.922 ug/L

RT: 5.11 min Scan# 1173

Delta R.T. 0.01 min

Lab File: VU040542.D

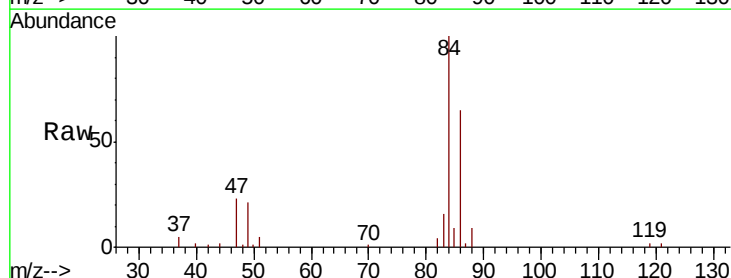
Acq: 07 Oct 2020 11:32

Tgt Ion: 83 Resp: 3949

Ion Ratio Lower Upper

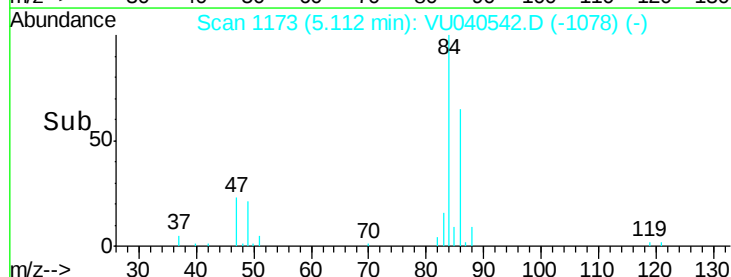
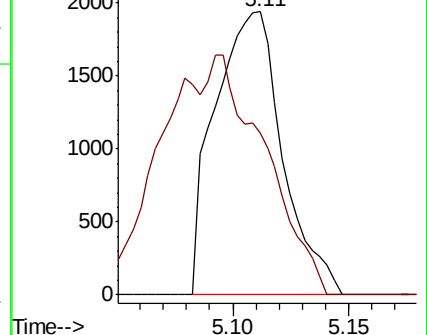
83 100

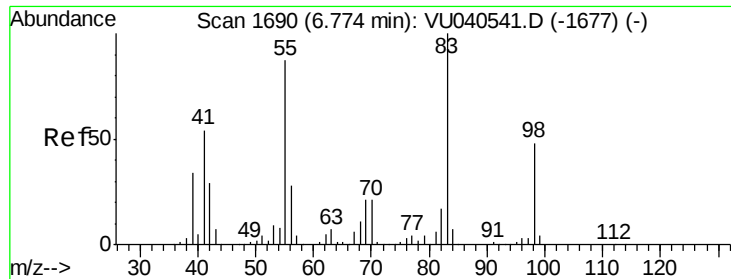
85 57.2 45.6 84.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 85.00 (84.70 to 85.70): VU0

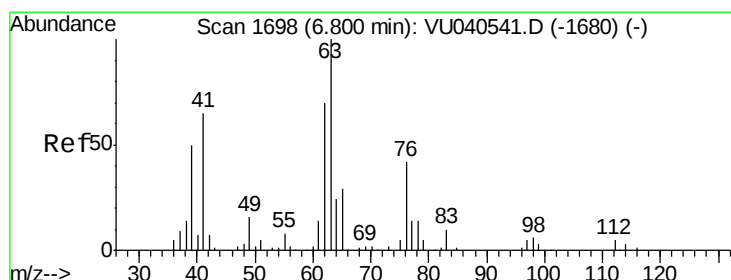
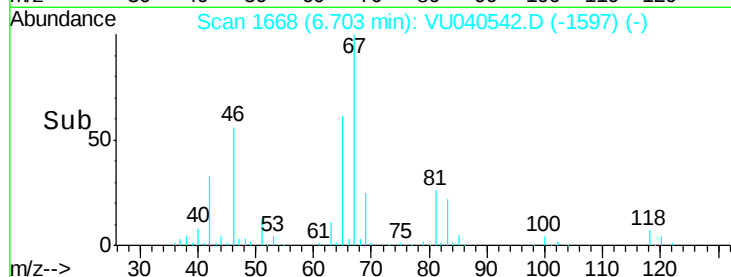
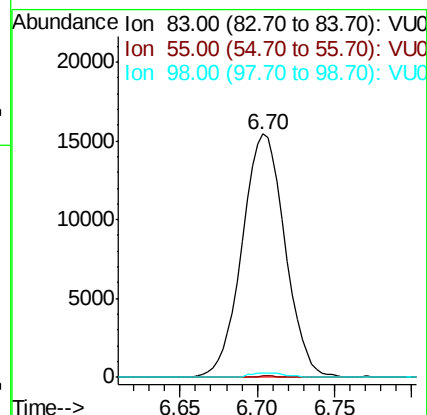
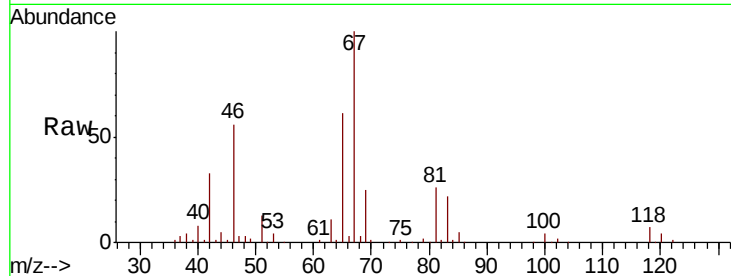




#35
Methvlcvclohexane
Concen: 8.380 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040542.D
Acq: 07 Oct 2020 11:32

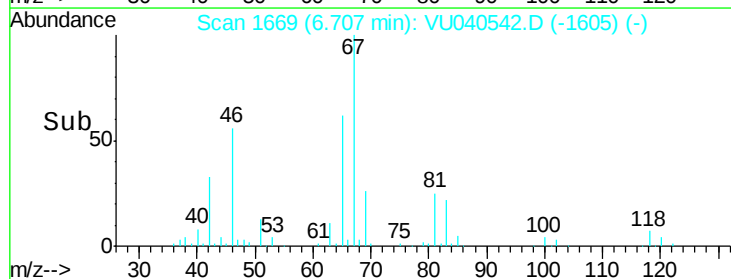
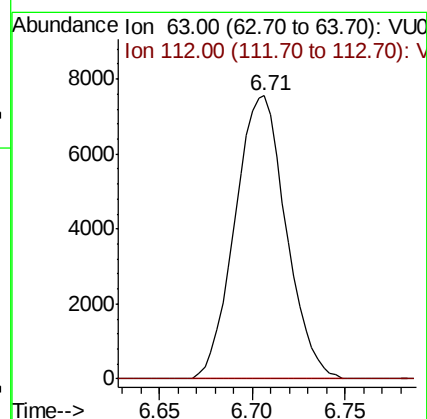
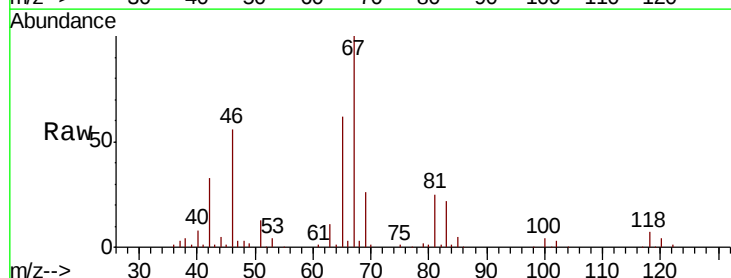
Instrument :
MSVOA_U
ClientSampleId :
VBLK207

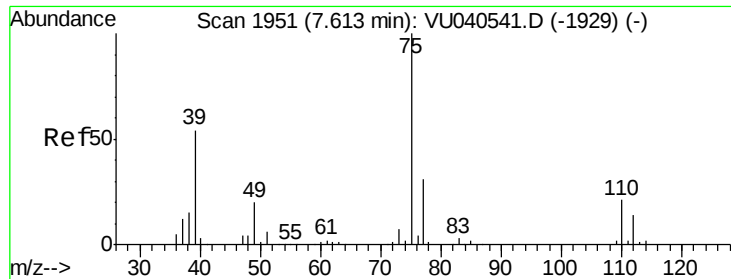
Tot Ion: 83 Resp: 29852
Ion Ratio Lower Upper
83 100
55 0.0 69.8 104.8#
98 1.5 39.1 58.7#



#37
1,2-Dichloropropane
Concen: 5.805 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU040542.D
Acq: 07 Oct 2020 11:32

Tgt Ion: 63 Resp: 14500
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

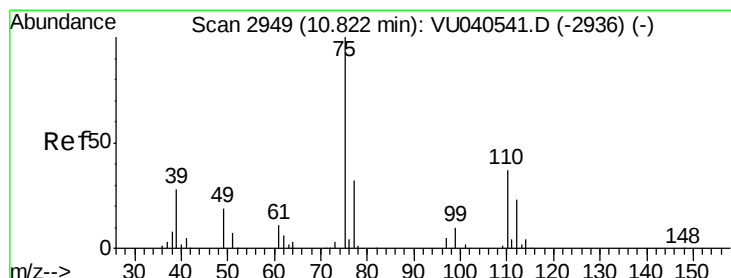
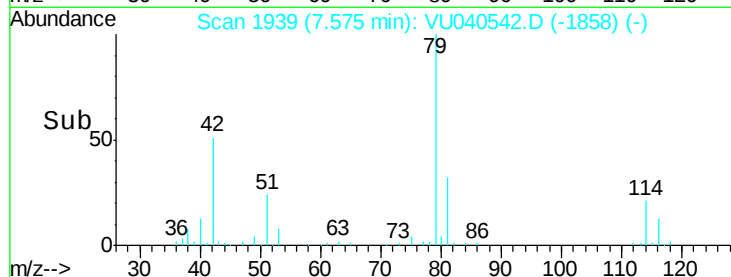
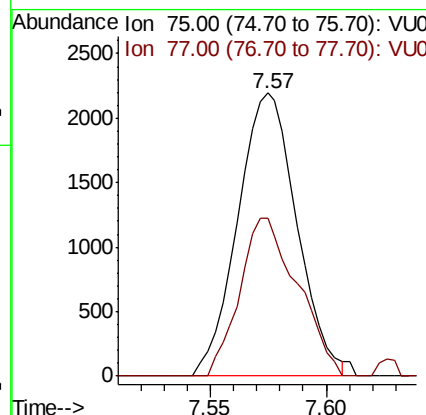
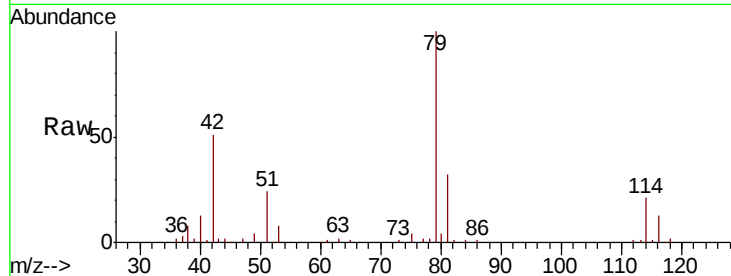




#39
 cis-1,3-Dichloropropene
 Concen: 1.060 ug/L
 RT: 7.57 min Scan# 1939
 Delta R.T. -0.04 min
 Lab File: VU040542.D
 Acq: 07 Oct 2020 11:32

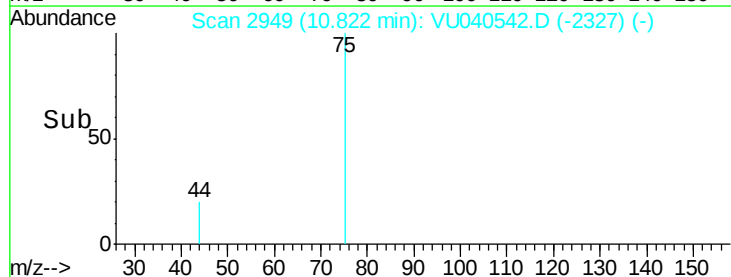
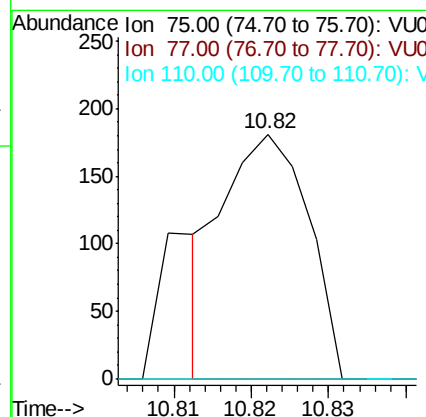
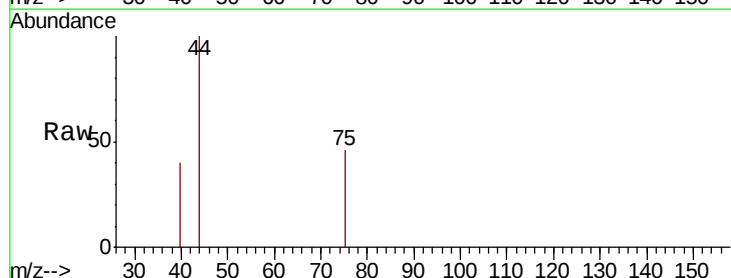
Instrument :
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 ClientSampleId :
 VBLK207

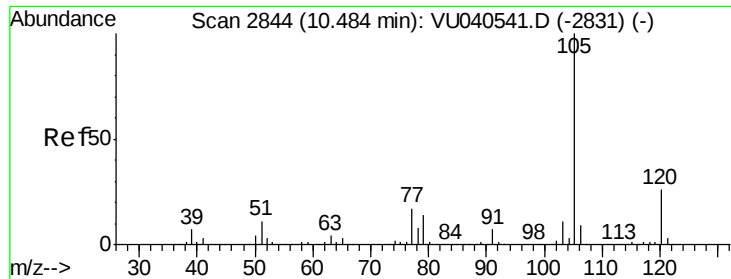
Tot Ion: 75 Resp: 3881
 Ion Ratio Lower Upper
 75 100
 77 55.7 21.4 39.8#



#60
 1,2,3-Trichloropropane
 Concen: 0.051 ug/L
 RT: 10.82 min Scan# 2949
 Delta R.T. 0.00 min
 Lab File: VU040542.D
 Acq: 07 Oct 2020 11:32

Tgt Ion: 75 Resp: 139
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 110 0.0 30.1 45.1#





#61

Isopropylbenzene

Concen: 0.027 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040542.D

Acq: 07 Oct 2020 11:32

Instrument :

MSVOA_U

ClientSampleId :

VBLK207

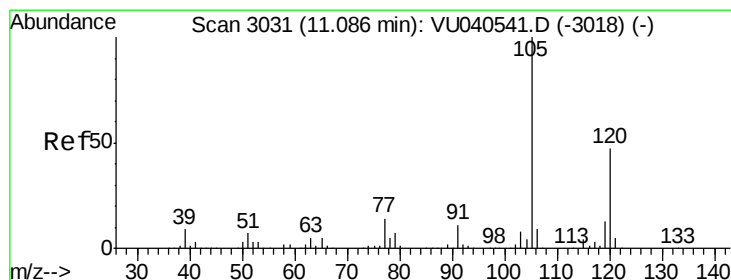
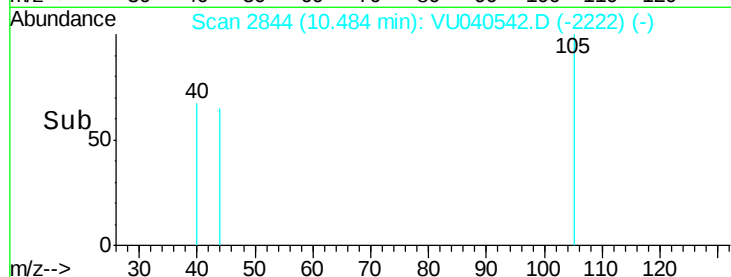
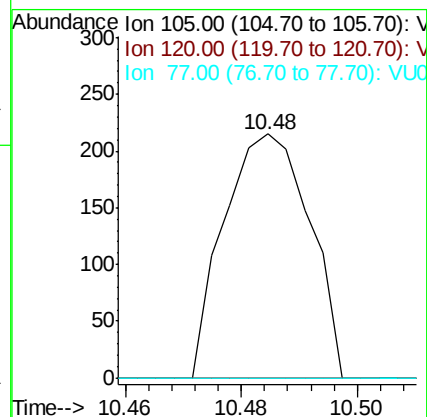
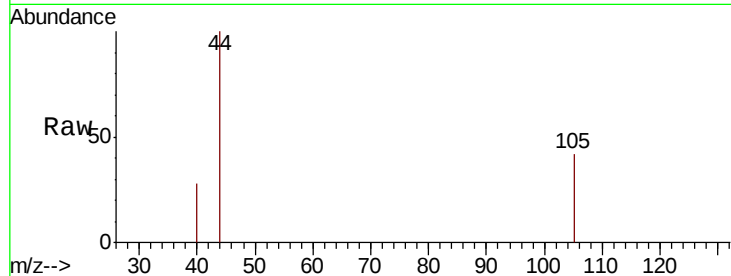
Tot Ion:105 Resp: 220

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#

77 0.0 13.8 20.8#



#62

1,3,5-Trimethylbenzene

Concen: 0.033 ug/L

RT: 11.09 min Scan# 3032

Delta R.T. 0.00 min

Lab File: VU040542.D

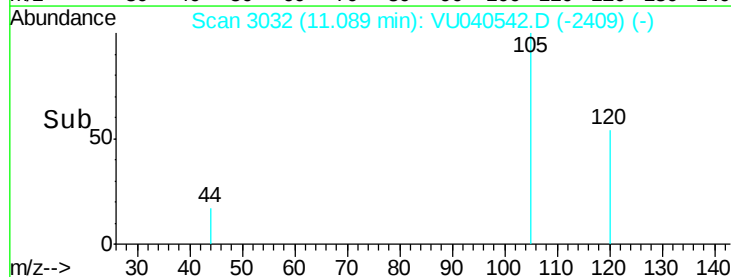
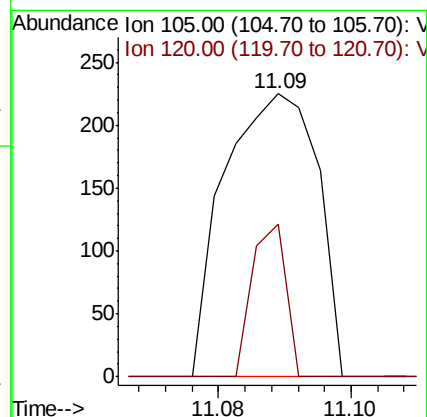
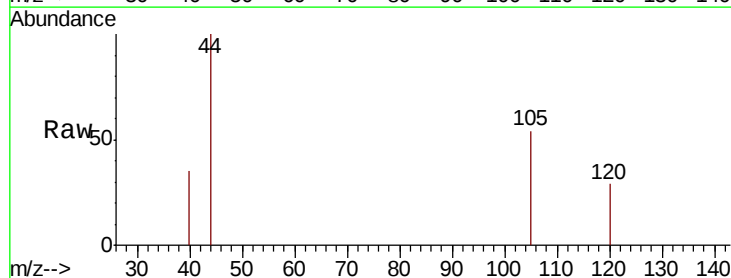
Acq: 07 Oct 2020 11:32

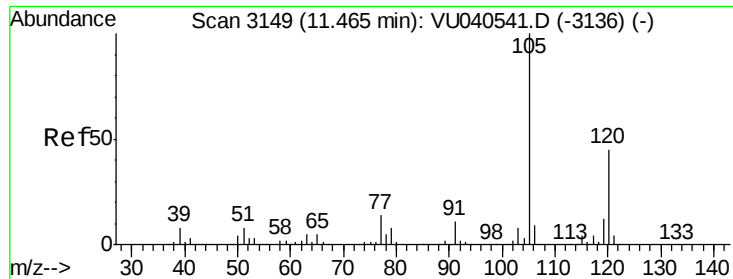
Tgt Ion:105 Resp: 219

Ion Ratio Lower Upper

105 100

120 19.6 38.6 58.0#

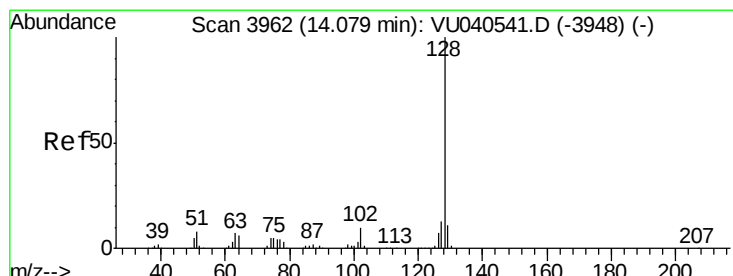
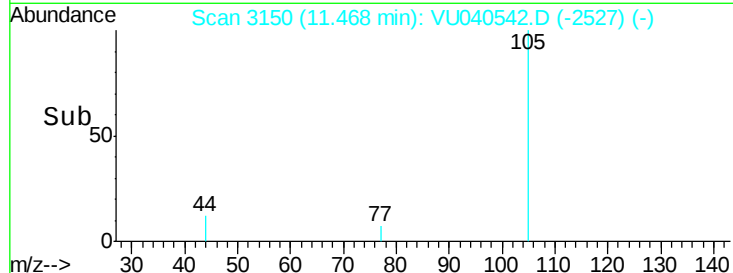
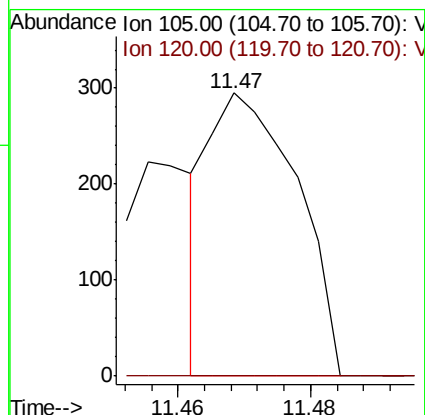
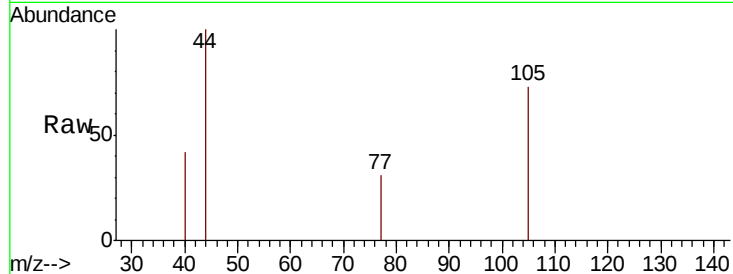




#63
 1,2,4-Trimethylbenzene
 Concen: 0.040 ug/L
 RT: 11.47 min Scan# 3150
 Delta R.T. 0.00 min
 Lab File: VU040542.D
 Acq: 07 Oct 2020 11:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK207

Tot Ion:105 Resp: 272
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.7 53.5#



#71
 Naphthalene
 Concen: 0.466 ug/L
 RT: 14.08 min Scan# 3963
 Delta R.T. 0.00 min
 Lab File: VU040542.D
 Acq: 07 Oct 2020 11:32

Tgt Ion:128 Resp: 3226
 Ion Ratio Lower Upper
 128 100
 127 6.5 10.5 15.7#
 129 6.3 8.6 13.0#

