

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092520\
 Data File : VU040281.D
 Acq On : 24 Sep 2020 19:43
 Operator : SY/MD
 Sample : VU0924WBL04
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK102

Quant Time: Sep 25 02:55:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR092420WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 25 02:46:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	206684	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	207774	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	96713	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	69125	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.92	69	58699	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.58	65	34268	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.00%
20) 2-Butanone-d5	4.66	46	260503	51.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.58%
24) Chloroform-d	5.08	84	131560	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.72	65	83993	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.74	84	261962	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.70	67	87849	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	224618	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
43) trans-1,3-Dichloropropene-	8.19	79	33558	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.64	63	184685	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	72293	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
66) 1,2-Dichlorobenzene-d4	12.19	152	85102	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

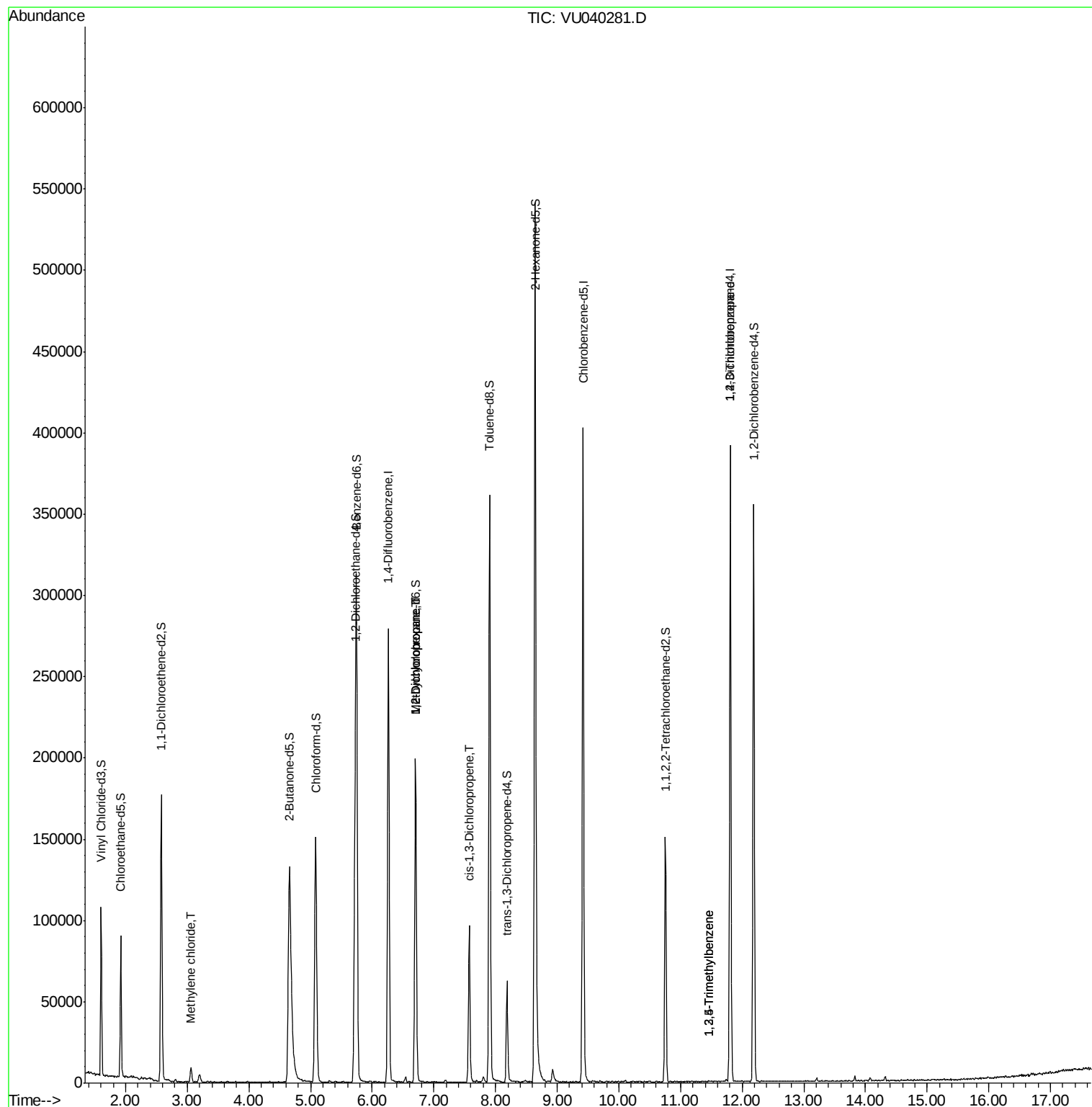
					Ovalue
16) Methylene chloride	3.06	84	3819	0.189 ug/L	83
35) Methylcyclohexane	6.70	83	21315	0.728 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	10633	0.531 ug/L #	87
39) cis-1,3-Dichloropropene	7.57	75	2603	0.096 ug/L	91
61) 1,2,3-Trichloropropane	11.81	75	13766	1.096 ug/L #	64
62) 1,3,5-Trimethylbenzene	11.46	105	365	0.007 ug/L	99
63) 1,2,4-Trimethylbenzene	11.46	105	365	0.007 ug/L	98

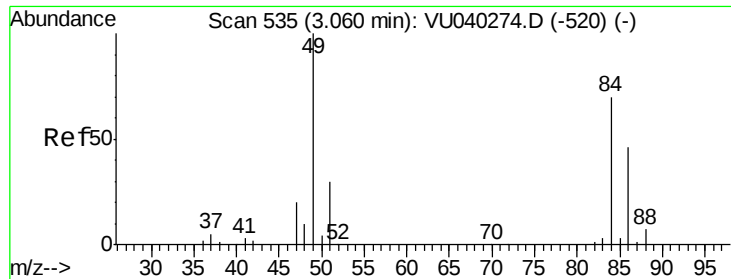
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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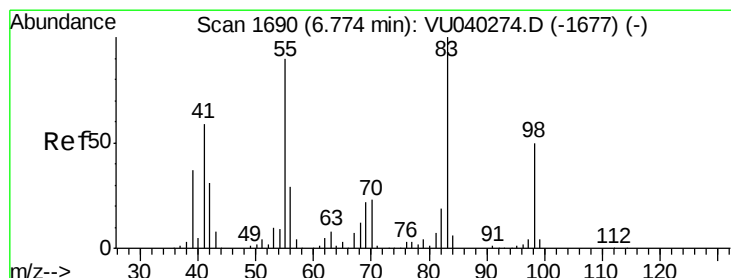
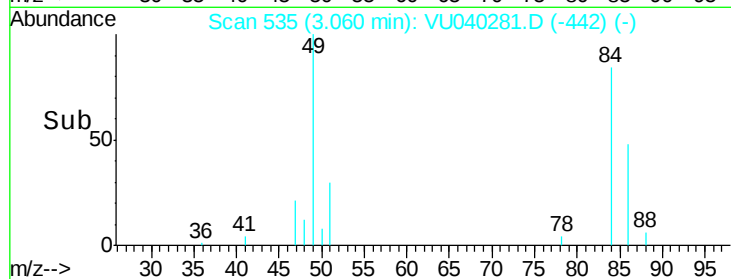
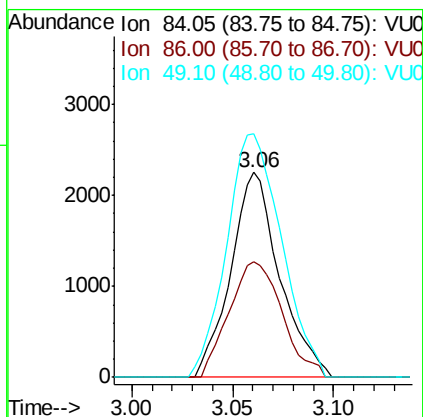
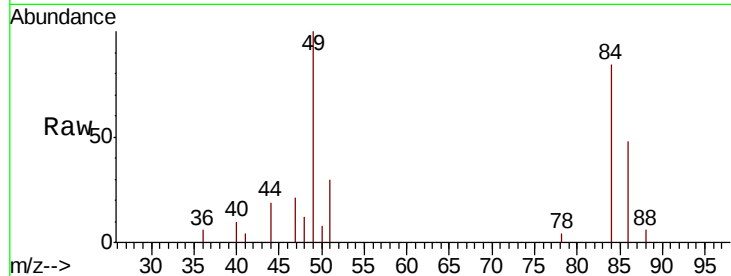




#16
Methvlene chloride
Concen: 0.189 ug/L
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040281.D
Acq: 24 Sep 2020 19:43

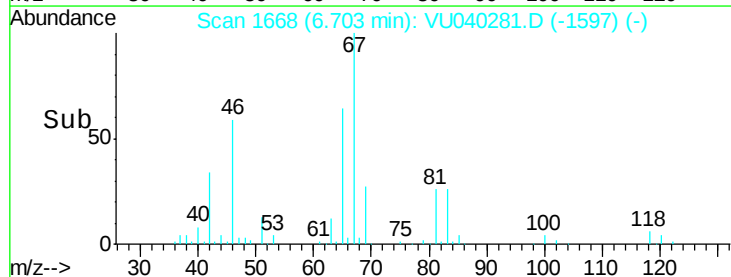
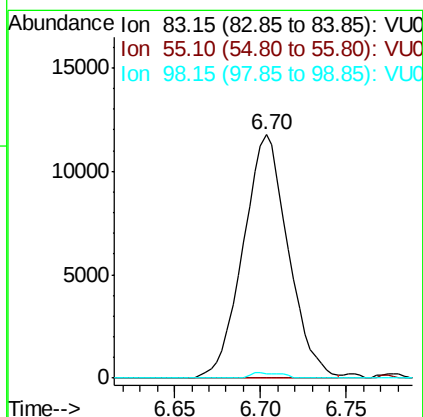
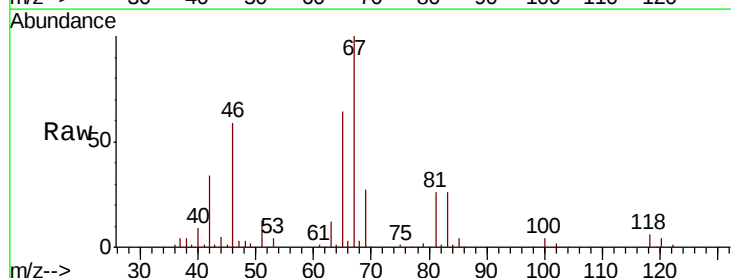
Instrument :
MSVOA_U
ClientSampleId :
VBLK102

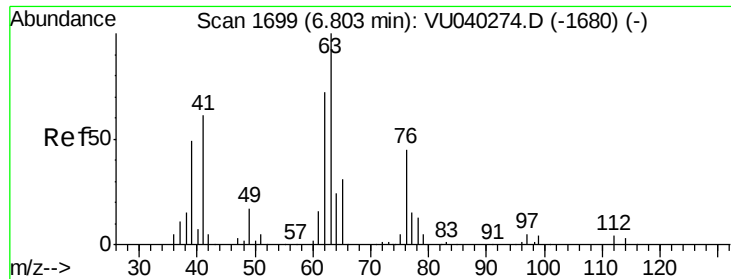
Tot Ion: 84 Resp: 3819
Ion Ratio Lower Upper
84 100
86 56.6 45.8 85.0
49 118.9 100.4 186.4



#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.70 min Scan# 1668
Delta R.T. -0.07 min
Lab File: VU040281.D
Acq: 24 Sep 2020 19:43

Tgt Ion: 83 Resp: 21315
Ion Ratio Lower Upper
83 100
55 0.0 71.7 107.5#
98 0.9 38.6 58.0#

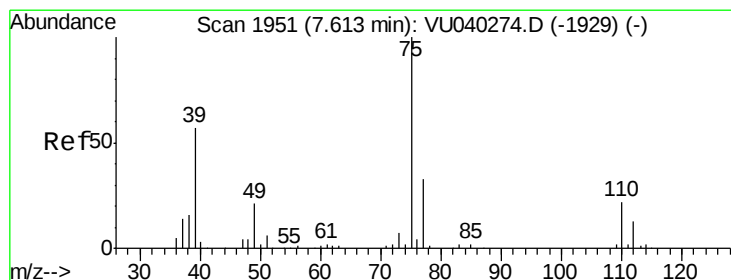
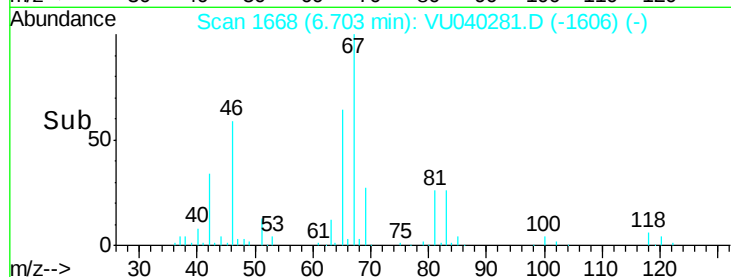
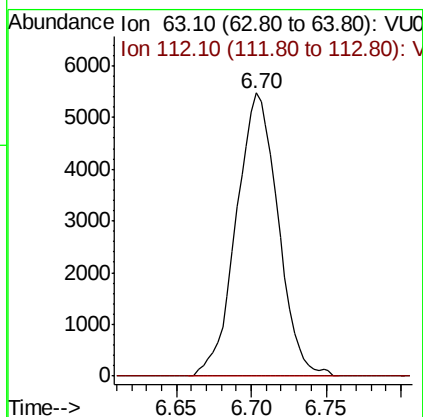
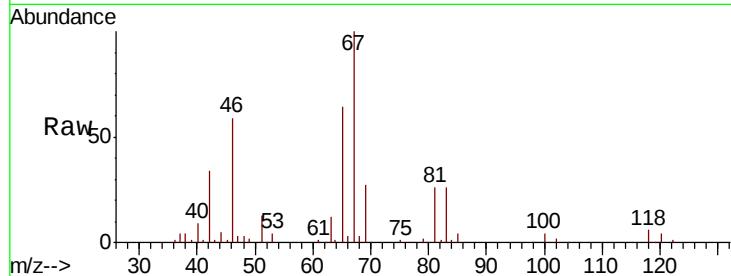




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU040281.D
 Acq: 24 Sep 2020 19:43

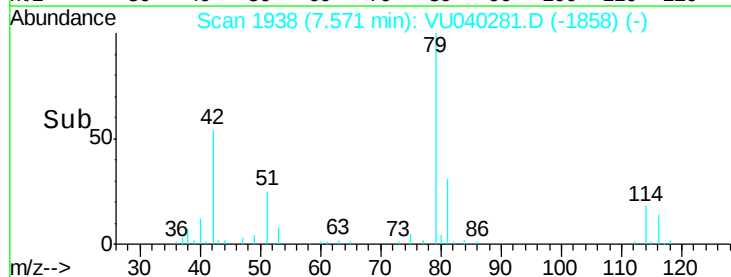
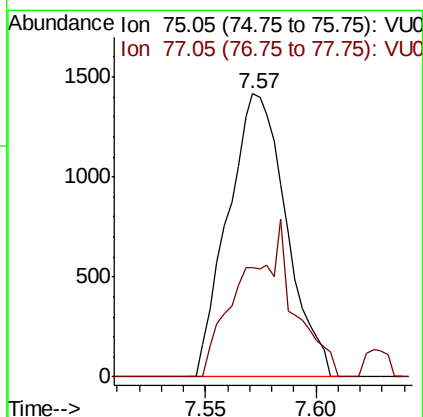
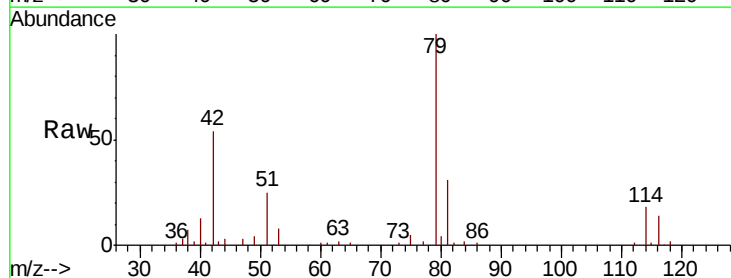
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK102

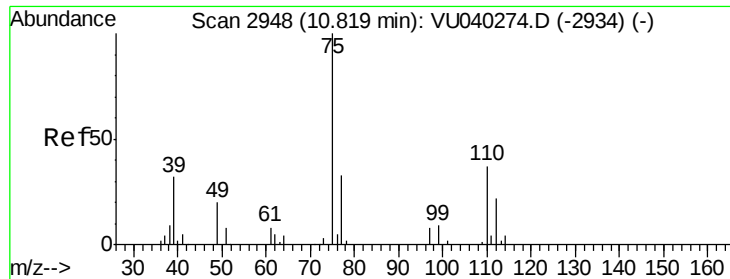
Tot Ion: 63 Resp: 10633
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.57 min Scan# 1938
 Delta R.T. -0.04 min
 Lab File: VU040281.D
 Acq: 24 Sep 2020 19:43

Tgt Ion: 75 Resp: 2603
 Ion Ratio Lower Upper
 75 100
 77 38.7 23.4 43.4





#61

1,2,3-Trichloropropane

Concen: 1.096 ug/L

RT: 11.81 min Scan# 3255

Delta R.T. 0.99 min

Lab File: VU040281.D

Acq: 24 Sep 2020 19:43

Instrument :

MSVOA_U

ClientSampled :

VBLK102

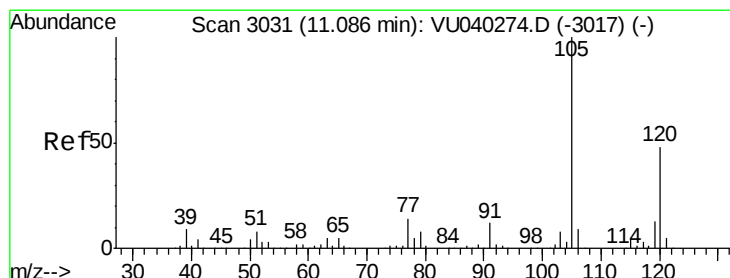
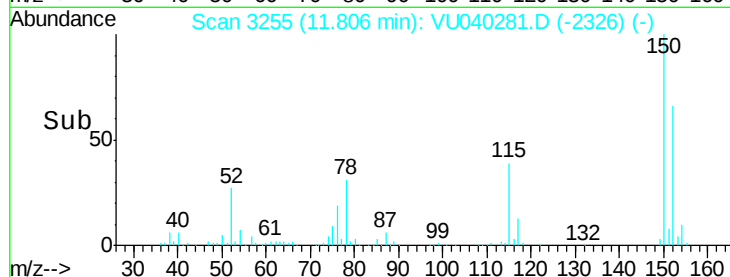
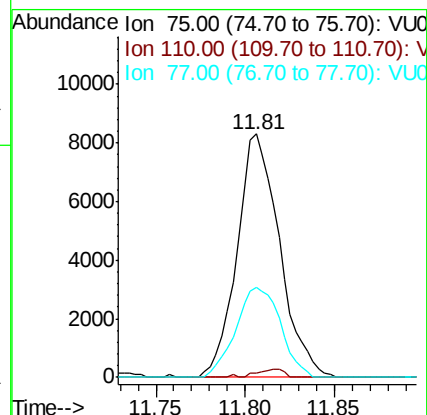
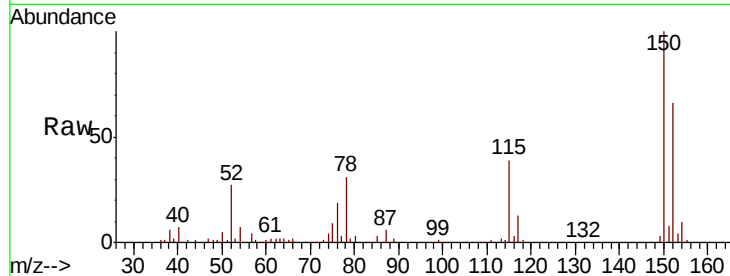
Tot Ion: 75 Resp: 13766

Ion Ratio Lower Upper

75 100

110 2.0 29.3 43.9#

77 38.9 25.9 38.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.007 ug/L

RT: 11.46 min Scan# 3148

Delta R.T. 0.38 min

Lab File: VU040281.D

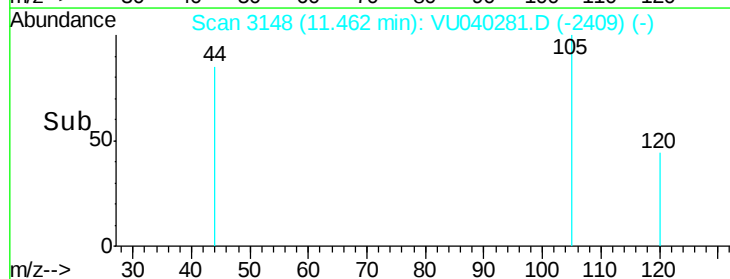
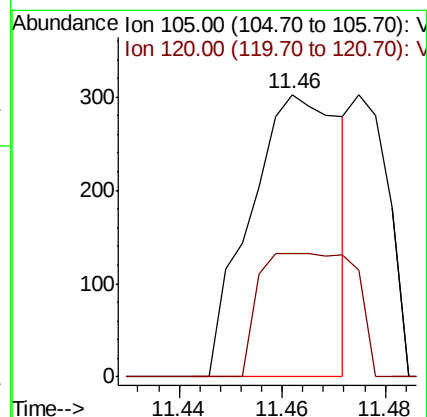
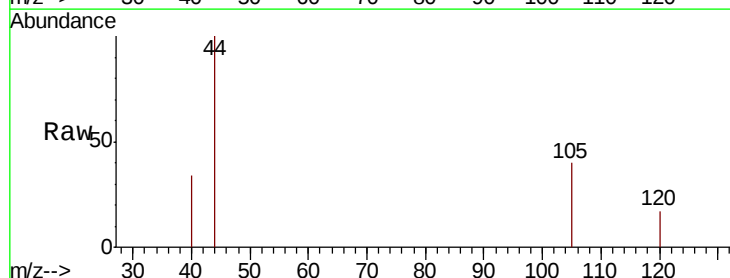
Acq: 24 Sep 2020 19:43

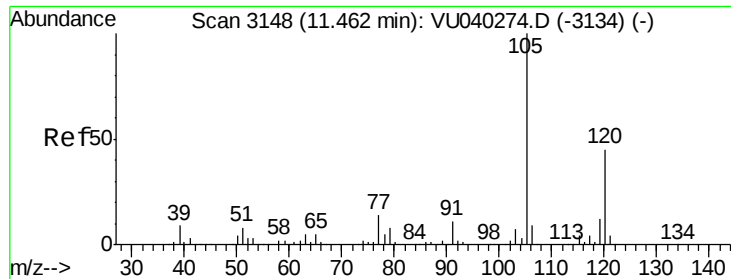
Tgt Ion: 105 Resp: 365

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8





#63
 1,2,4-Trimethylbenzene
 Concen: 0.007 ug/L
 RT: 11.46 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: VU040281.D
 Acq: 24 Sep 2020 19:43

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK102

Tot Ion:105 Resp: 365
 Ion Ratio Lower Upper
 105 100
 120 46.6 36.0 54.0

