

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U100620\
 Data File : VU040531.D
 Acq On : 06 Oct 2020 17:08
 Operator : SY/MD
 Sample : VU1006WBL02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK204

Quant Time: Oct 07 15:17:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUL100620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 07 08:04:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	287883	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	284680	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	130676	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	113951	46.09	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.18%
7) Chloroethane-d5	1.92	69	89970	47.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.54%
11) 1,1-Dichloroethene-d2	2.57	63	169960	36.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.06%
21) 2-Butanone-d5	4.64	46	201636	102.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.77%
24) Chloroform-d	5.08	84	199856	46.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.72%
26) 1,2-Dichloroethane-d4	5.72	65	143183	48.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.42%
32) Benzene-d6	5.74	84	397740	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	6.70	67	131590	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.92%
41) Toluene-d8	7.91	98	345378	47.02	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.04%
43) trans-1,3-Dichloropropene-	8.19	79	64552	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	8.64	63	129295	102.14	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.14%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	181927	46.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.76%
66) 1,2-Dichlorobenzene-d4	12.19	152	131655	49.50	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

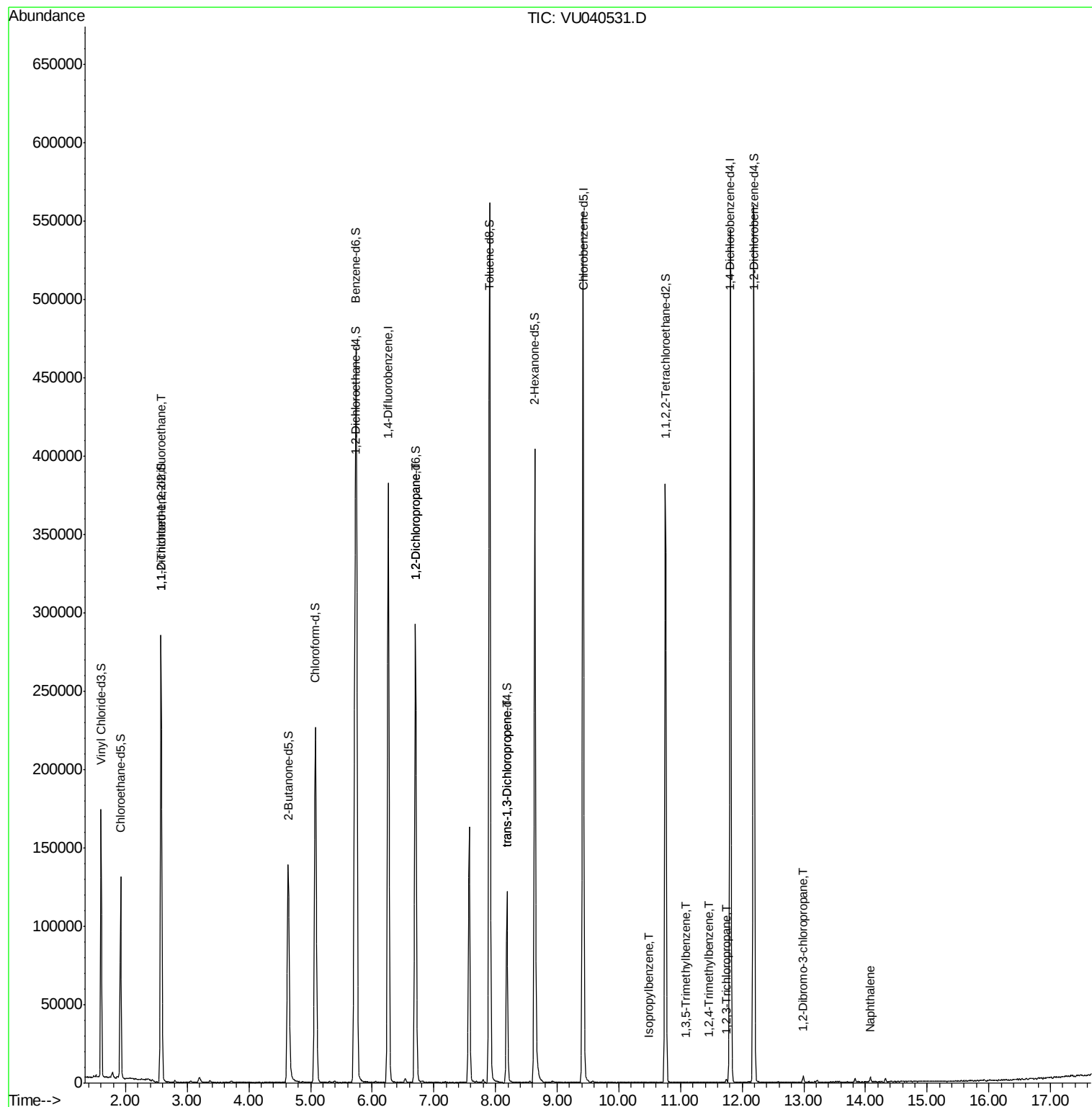
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.58	101	1450	0.657	ug/L #	22
37) 1,2-Dichloropropane	6.70	63	15123	5.985	ug/L #	87
44) trans-1,3-Dichloropropene	8.19	75	3144	0.843	ug/L #	82
60) 1,2,3-Trichloropropane	11.74	75	305	0.103	ug/L #	39
61) Isopropylbenzene	10.48	105	186	0.021	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.09	105	146	0.020	ug/L #	29
63) 1,2,4-Trimethylbenzene	11.46	105	282	0.039	ug/L #	55
68) 1,2-Dibromo-3-chloropropan	12.99	75	1059	1.270	ug/L	94
71) Naphthalene	14.08	128	2719	0.362	ug/L #	92

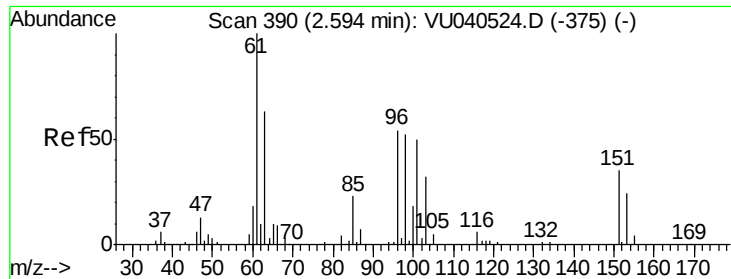
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU100620\
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QLast Update : Wed Oct 07 08:04:20 2020
Response via : Initial Calibration





#10

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

Concen: 0.657 ug/L

RT: 2.58 min Scan# 385

Delta R.T. -0.02 min

Lab File: VU040531.D

Acq: 06 Oct 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK204

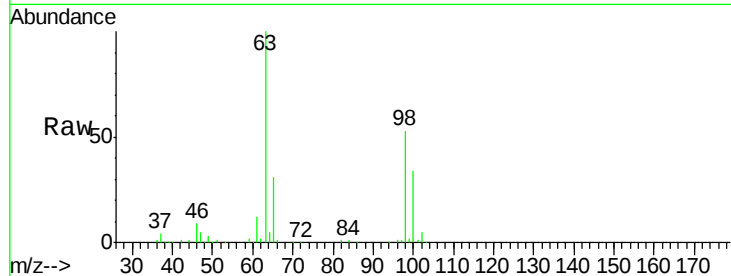
Tgt Ion:101 Resp: 1450

Ion Ratio Lower Upper

101 100

85 0.0 35.4 53.2#

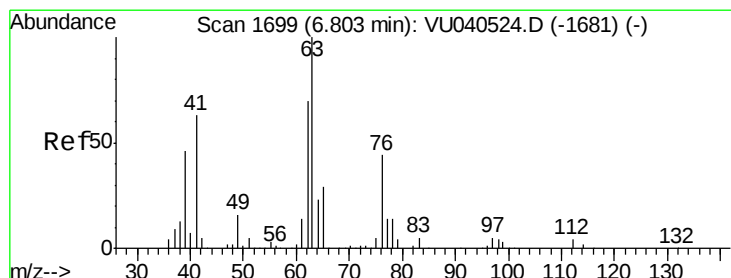
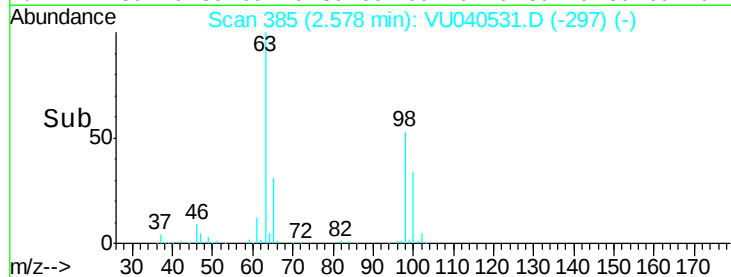
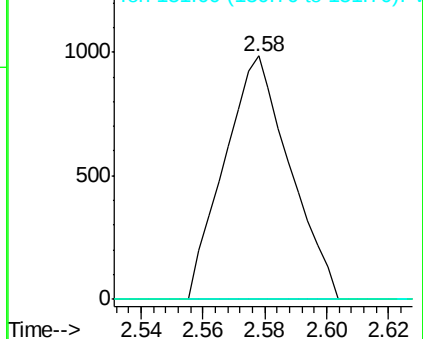
151 0.0 54.8 82.2#



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



#37

1,2-Dichloropropane

Concen: 5.985 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU040531.D

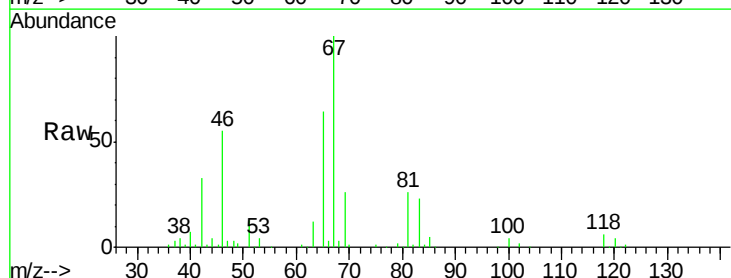
Acq: 06 Oct 2020 17:08

Tgt Ion: 63 Resp: 15123

Ion Ratio Lower Upper

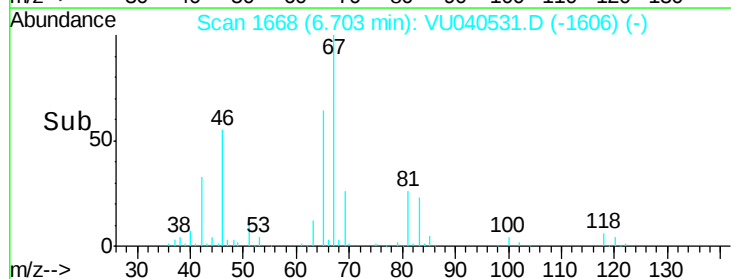
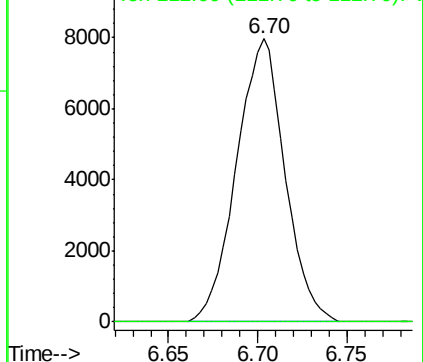
63 100

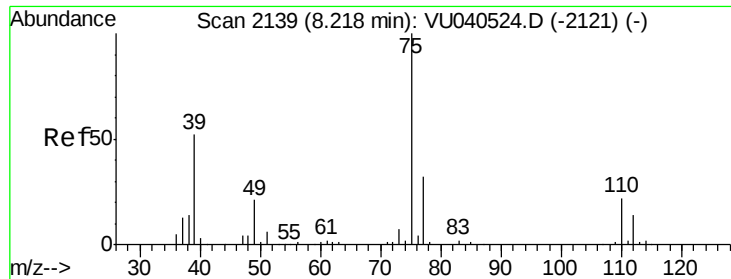
112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V





#44

trans-1,3-Dichloropropene

Concen: 0.843 ug/L

RT: 8.19 min Scan# 2129

Delta R.T. -0.03 min

Lab File: VU040531.D

Acq: 06 Oct 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

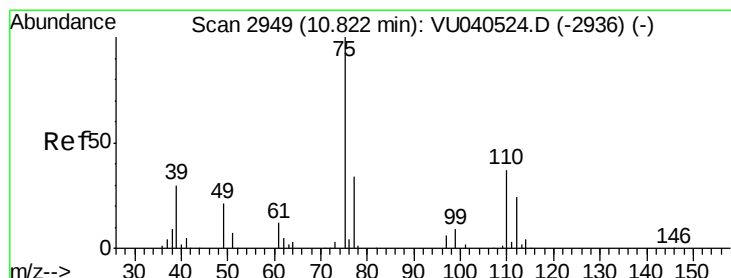
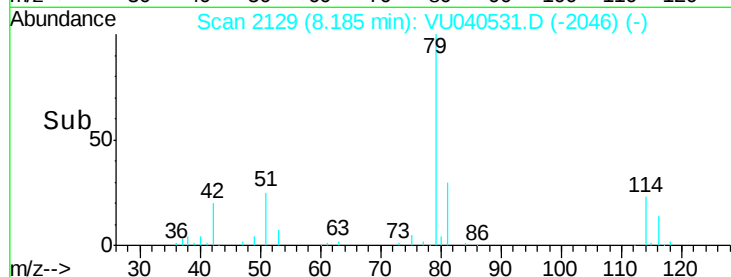
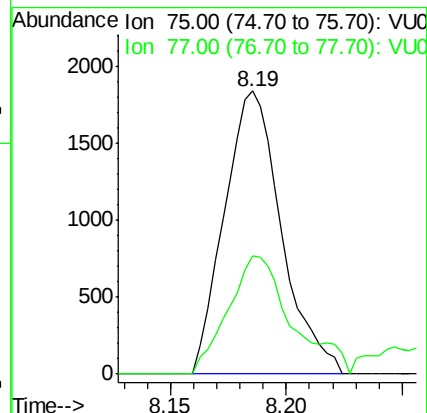
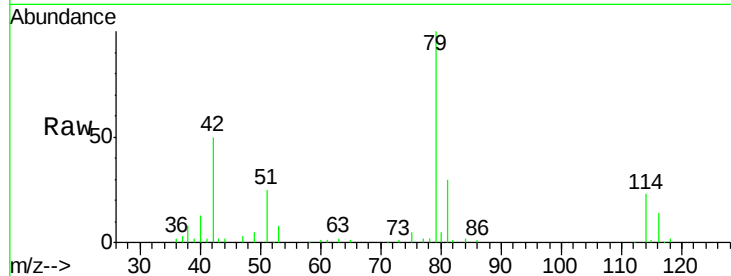
VBLK204

Tgt Ion: 75 Resp: 3144

Ion Ratio Lower Upper

75 100

77 41.7 22.1 41.1#



#60

1,2,3-Trichloropropane

Concen: 0.103 ug/L

RT: 11.74 min Scan# 3235

Delta R.T. 0.92 min

Lab File: VU040531.D

Acq: 06 Oct 2020 17:08

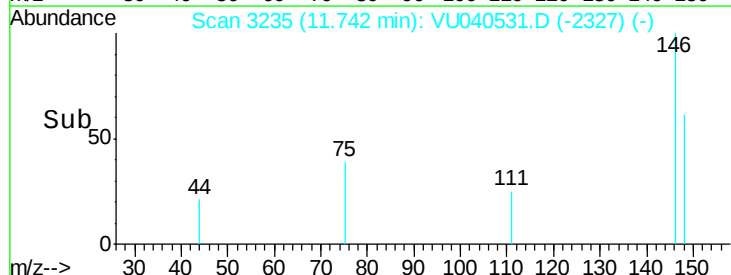
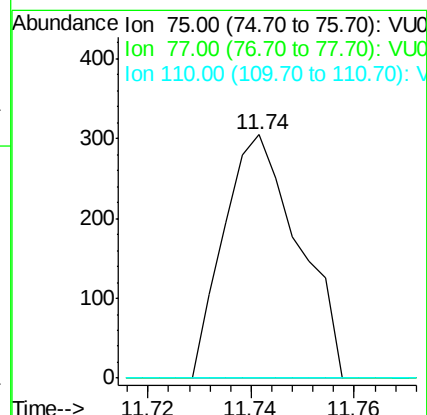
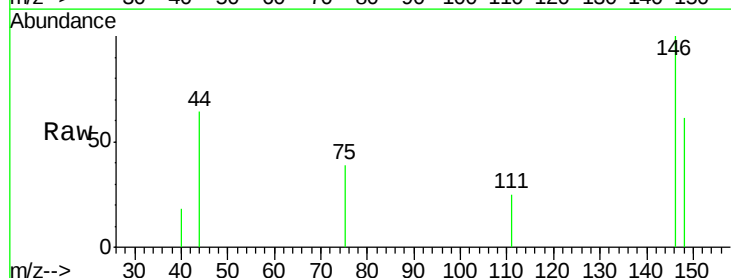
Tgt Ion: 75 Resp: 305

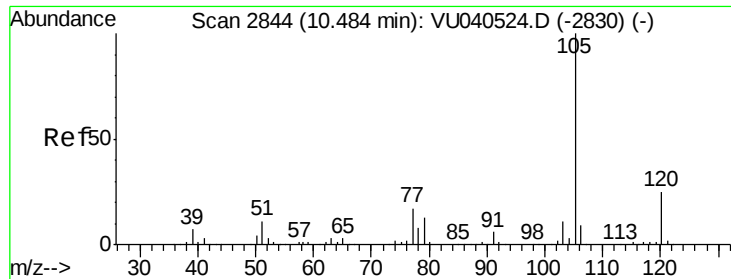
Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 30.1 45.1#





#61

Isopropylbenzene

Concen: 0.021 ug/L

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040531.D

Acq: 06 Oct 2020 17:08

Instrument :

MSVOA_U

ClientSampleId :

VBLK204

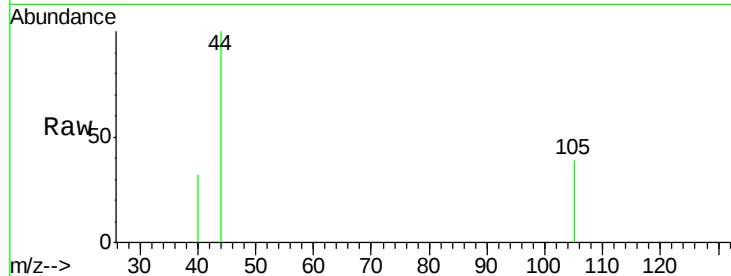
Tgt Ion:105 Resp: 186

Ion Ratio Lower Upper

105 100

120 0.0 20.7 31.1#

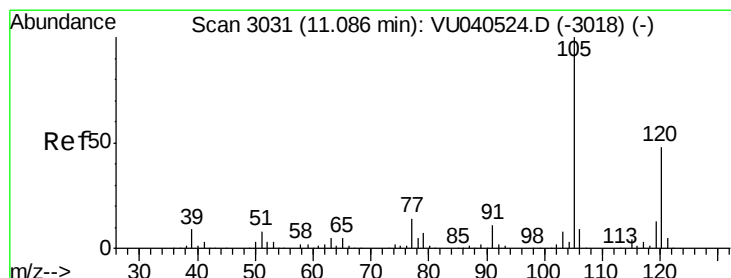
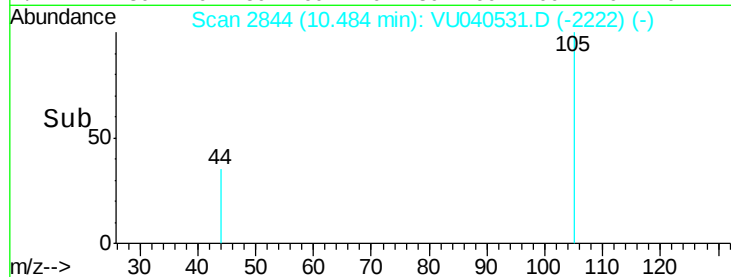
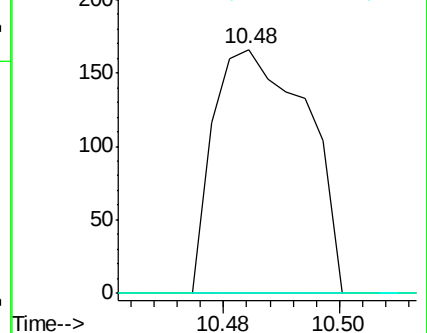
77 283.3 13.8 20.8#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#62

1,3,5-Trimethylbenzene

Concen: 0.020 ug/L

RT: 11.09 min Scan# 3033

Delta R.T. 0.01 min

Lab File: VU040531.D

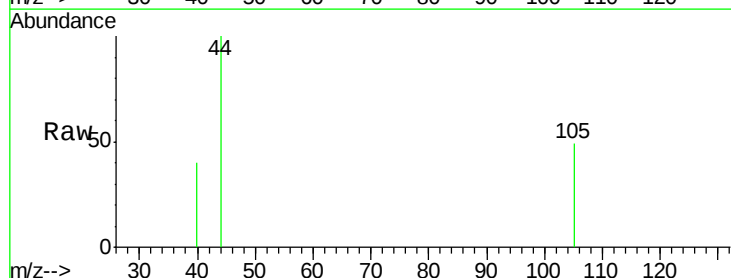
Acq: 06 Oct 2020 17:08

Tgt Ion:105 Resp: 146

Ion Ratio Lower Upper

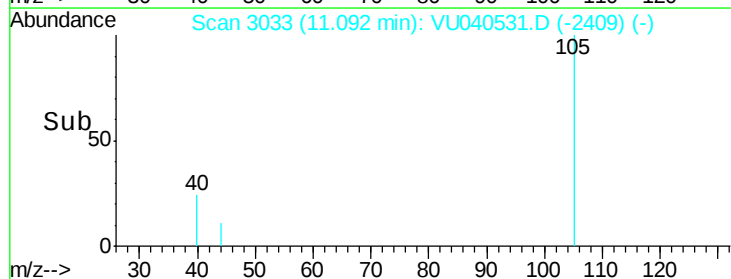
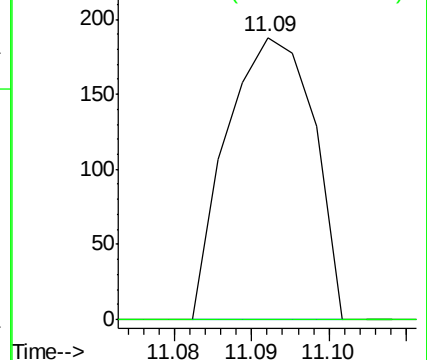
105 100

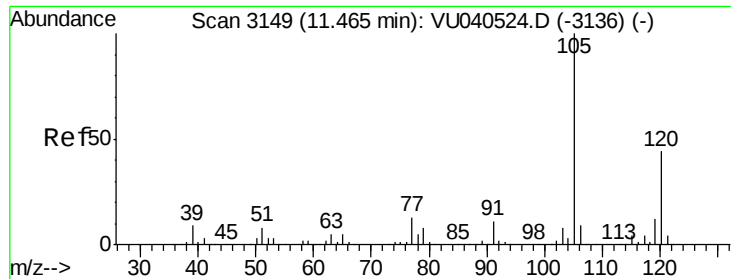
120 0.0 38.6 58.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

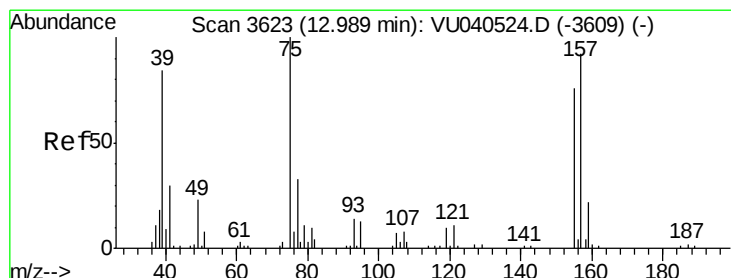
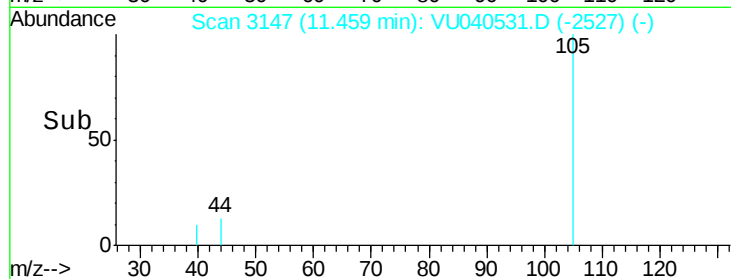
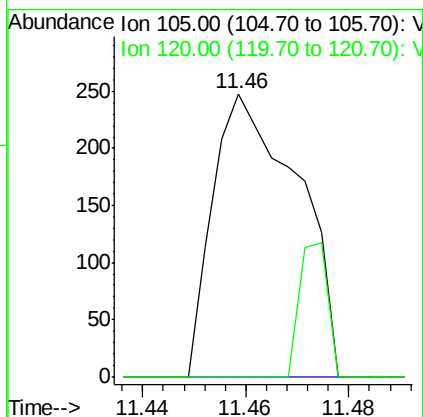
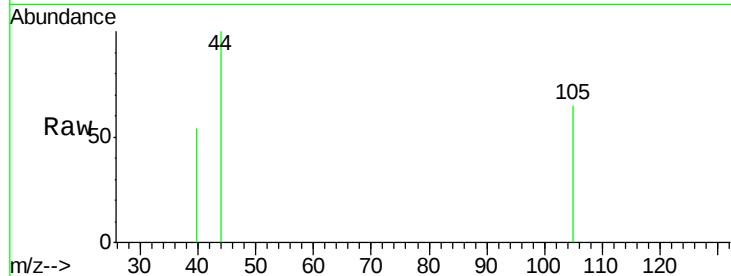




#63
 1,2,4-Trimethylbenzene
 Concen: 0.039 ug/L
 RT: 11.46 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: VU040531.D
 Acq: 06 Oct 2020 17:08

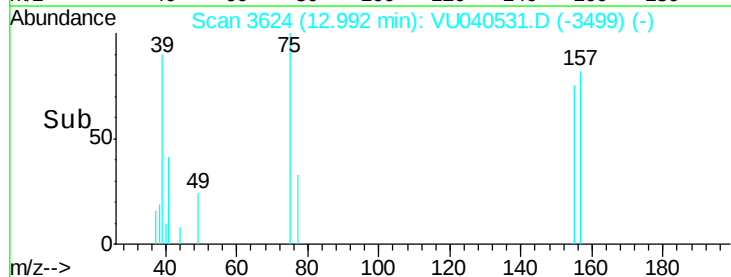
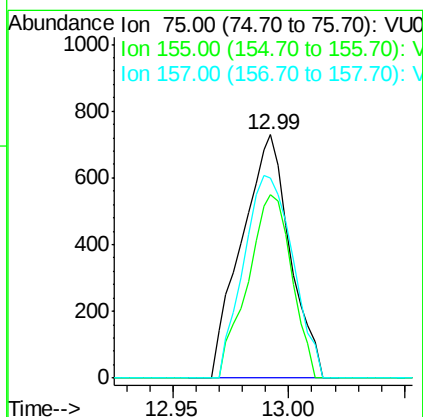
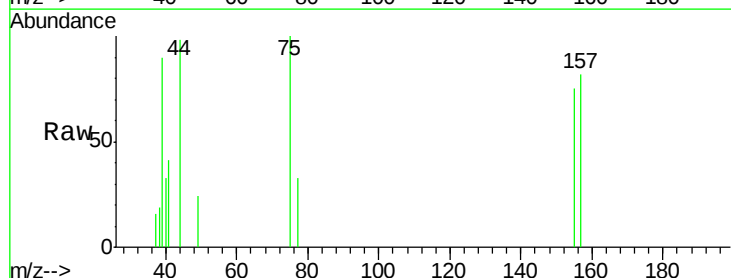
Instrument :
 MSVOA_U
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 VBLK204

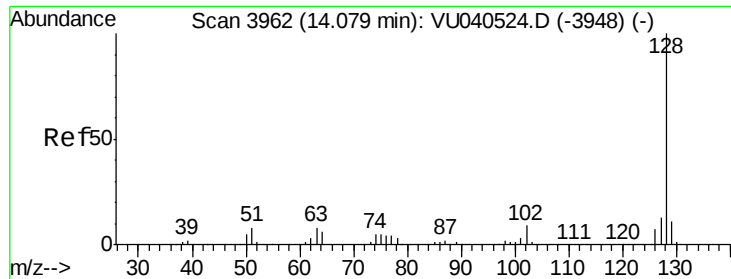
Tgt Ion: 105 Resp: 282
 Ion Ratio Lower Upper
 105 100
 120 15.6 35.7 53.5#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 1.270 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU040531.D
 Acq: 06 Oct 2020 17:08

Tgt Ion: 75 Resp: 1059
 Ion Ratio Lower Upper
 75 100
 155 75.4 61.0 91.6
 157 82.0 73.5 110.3





#71

Naphthalene

Concen: 0.362 ug/L

RT: 14.08 min Scan# 3962

Delta R.T. -0.00 min

Lab File: VU040531.D

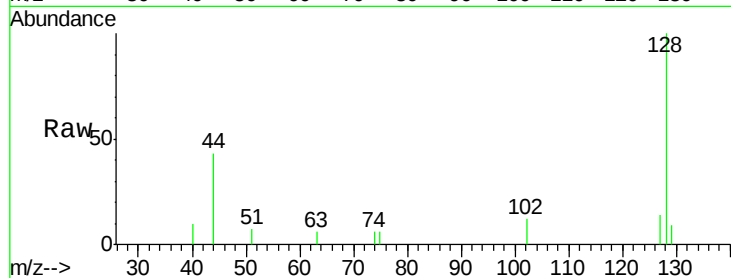
Acq: 06 Oct 2020 17:08

Instrument :

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ClientSampleId :

VBLK204



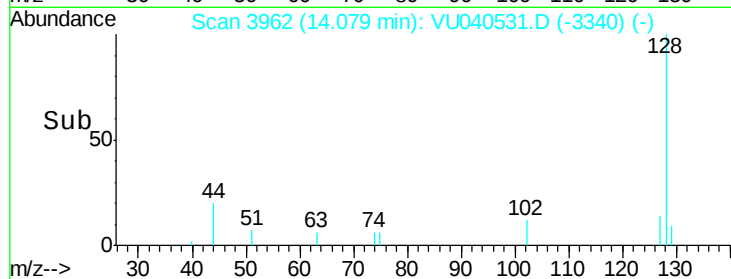
Tgt Ion:128 Resp: 2719

Ion Ratio Lower Upper

128 100

127 13.9 10.5 15.7

129 5.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

