

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102820\
 Data File : VU041004.D
 Acq On : 28 Oct 2020 20:02
 Operator : SY/MD
 Sample : VU1028WBL05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK105

Quant Time: Oct 29 02:07:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 01:58:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	114097	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114949	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.81	152	48549	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	38339	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.92	69	31407	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.58	65	17595	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.80%
20) 2-Butanone-d5	4.66	46	166356	52.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.02%
24) Chloroform-d	5.09	84	76342	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.72	65	48503	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.75	84	136658	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.71	67	49930	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.91	98	106953	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	8.19	79	19861	4.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.60%
46) 2-Hexanone-d5	8.64	63	111261	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
56) 1,1,2,2-Tetrachloroethane-	10.75	84	42476	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
66) 1,2-Dichlorobenzene-d4	12.19	152	41917	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

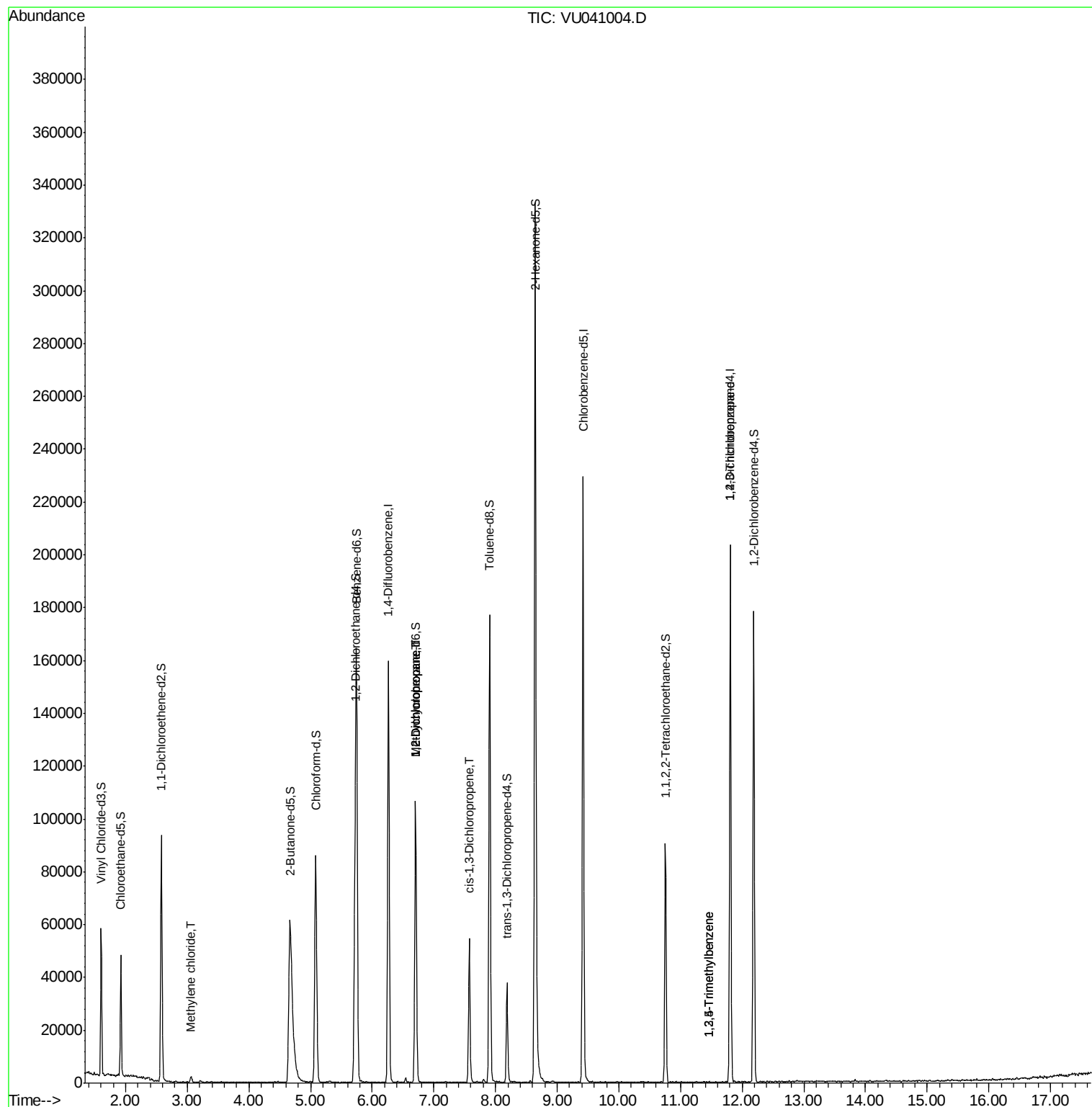
					Ovalue
16) Methylene chloride	3.06	84	1065	0.115 ug/L	94
35) Methylcyclohexane	6.70	83	10598	0.855 ug/L #	15
37) 1,2-Dichloropropane	6.70	63	5696	0.600 ug/L #	89
39) cis-1,3-Dichloropropene	7.58	75	1526	0.122 ug/L	85
61) 1,2,3-Trichloropropane	11.81	75	6792	1.160 ug/L #	63
62) 1,3,5-Trimethylbenzene	11.46	105	110	0.005 ug/L #	29
63) 1,2,4-Trimethylbenzene	11.46	105	110	0.005 ug/L #	33

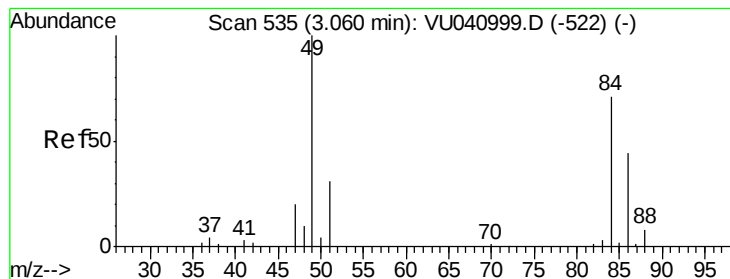
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102820\
Data File : VU041004.D
Acq On : 28 Oct 2020 20:02
Operator : SY/MD
Sample : VU1028WBL05
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK105

Quant Time: Oct 29 02:07:06 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR102820WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 29 01:58:41 2020
Response via : Initial Calibration





#16

Methvlene chloride

Concen: 0.115 ug/L

RT: 3.06 min Scan# 536

Delta R.T. 0.00 min

Lab File: VU041004.D

Acq: 28 Oct 2020 20:02

Instrument :

MSVOA_U

ClientSampleId :

VBLK105

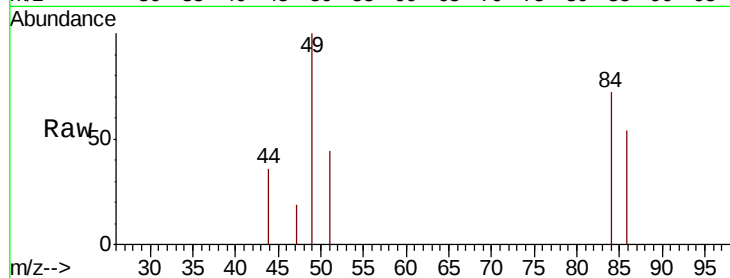
Tot Ion: 84 Resp: 1065

Ion Ratio Lower Upper

84 100

86 75.4 44.2 82.0

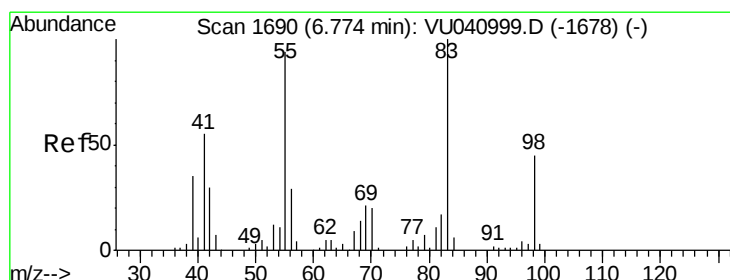
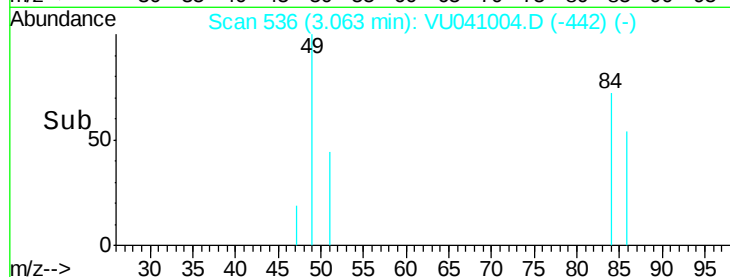
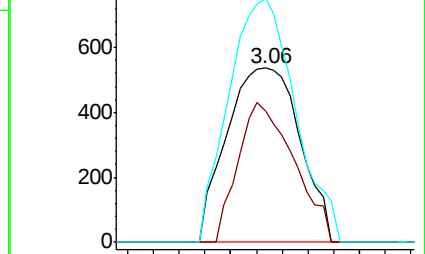
49 139.7 99.3 184.3



Abundance Ion 84.05 (83.75 to 84.75): VU040999.D (-522) (-)

Ion 86.00 (85.70 to 86.70): VU040999.D (-522) (-)

Ion 49.10 (48.80 to 49.80): VU040999.D (-522) (-)



#35

Methylcyclohexane

Concen: 0.855 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.07 min

Lab File: VU041004.D

Acq: 28 Oct 2020 20:02

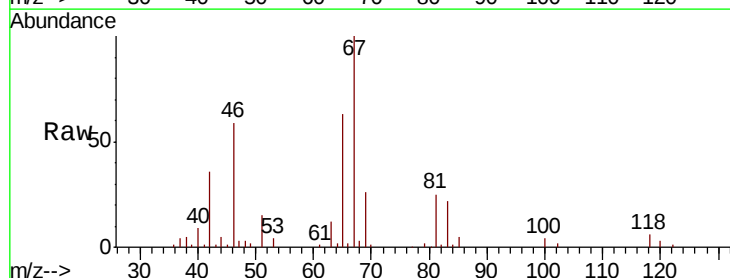
Tgt Ion: 83 Resp: 10598

Ion Ratio Lower Upper

83 100

55 0.0 72.7 109.1#

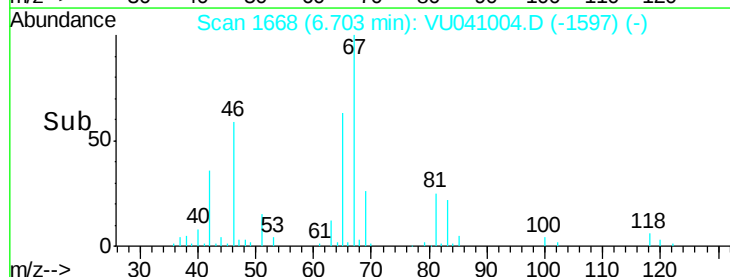
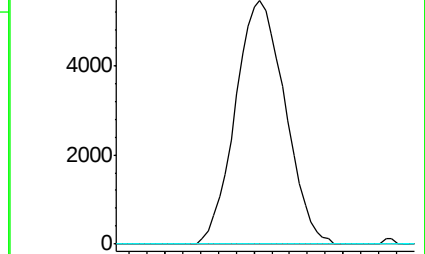
98 4.0 35.7 53.5#

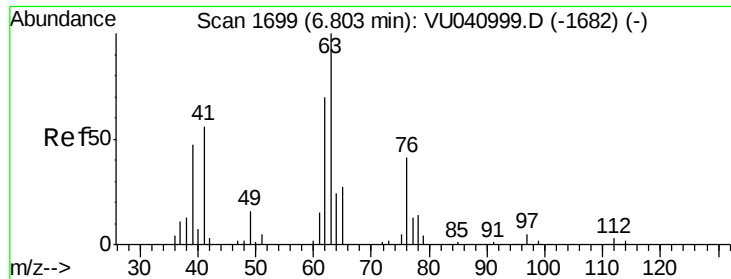


Abundance Ion 83.15 (82.85 to 83.85): VU040999.D (-1678) (-)

Ion 55.10 (54.80 to 55.80): VU040999.D (-1678) (-)

Ion 98.15 (97.85 to 98.85): VU040999.D (-1678) (-)

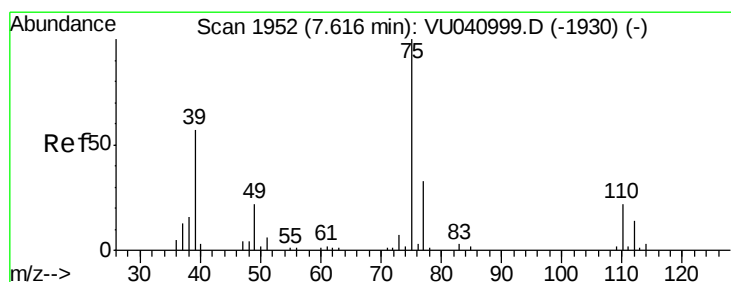
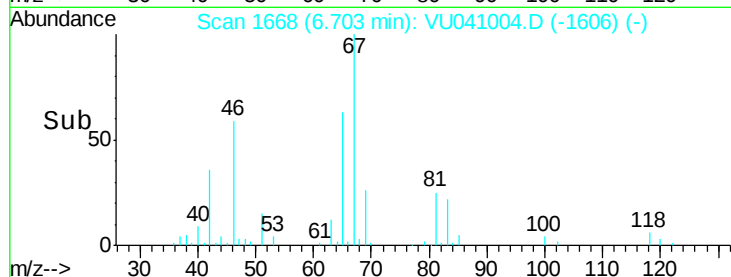
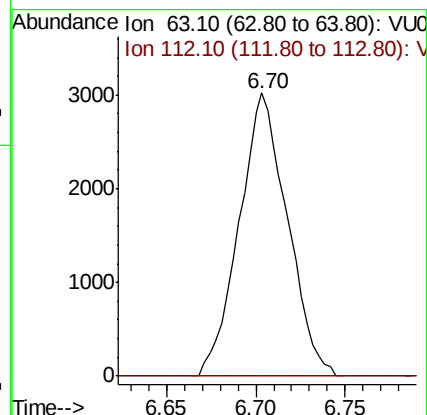
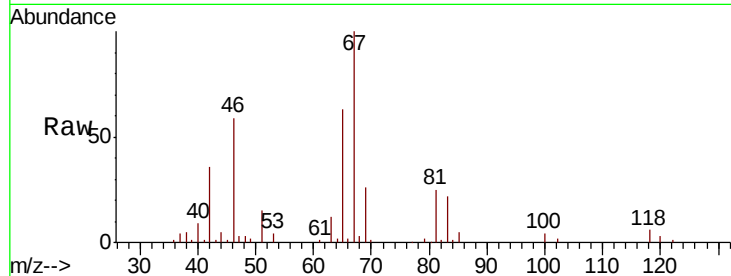




#37
 1,2-Dichloropropane
 Concen: 0.600 ug/L
 RT: 6.70 min Scan# 1668
 Delta R.T. -0.10 min
 Lab File: VU041004.D
 Acq: 28 Oct 2020 20:02

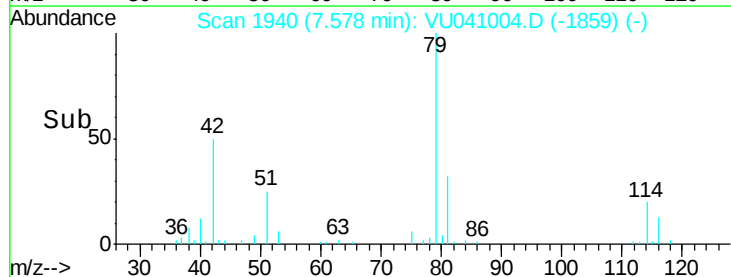
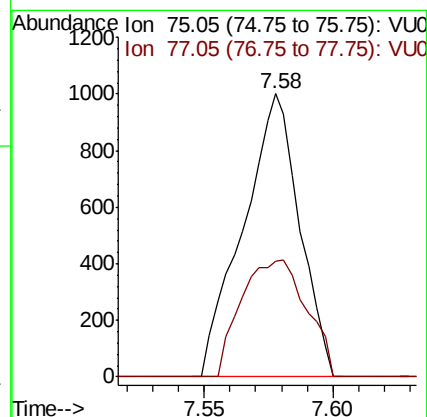
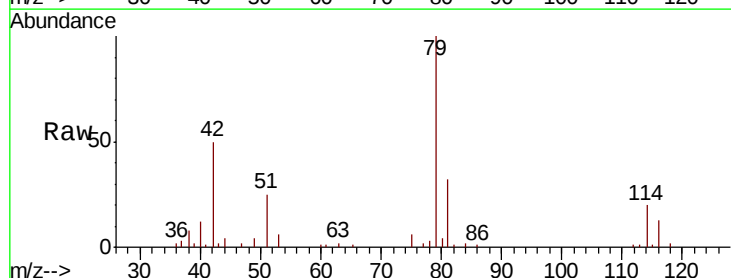
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK105

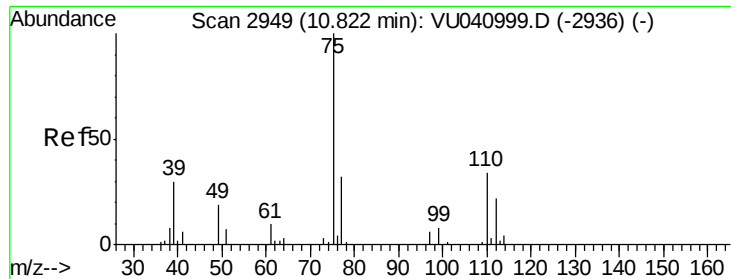
Tot Ion: 63 Resp: 5696
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.122 ug/L
 RT: 7.58 min Scan# 1940
 Delta R.T. -0.04 min
 Lab File: VU041004.D
 Acq: 28 Oct 2020 20:02

Tgt Ion: 75 Resp: 1526
 Ion Ratio Lower Upper
 75 100
 77 40.8 22.7 42.3





#61

1,2,3-Trichloropropane

Concen: 1.160 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041004.D

Acq: 28 Oct 2020 20:02

Instrument :

MSVOA_U

ClientSampled :

VBLK105

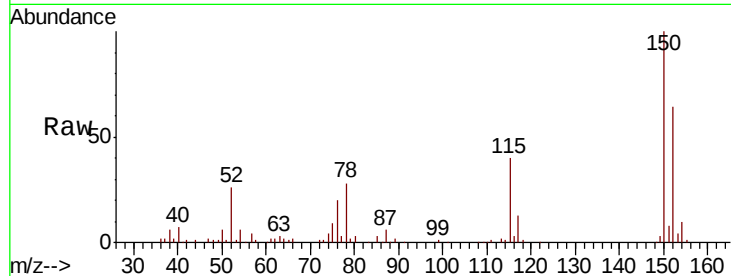
Tot Ion: 75 Resp: 6792

Ion Ratio Lower Upper

75 100

110 2.0 27.5 41.3#

77 40.2 24.9 37.3#



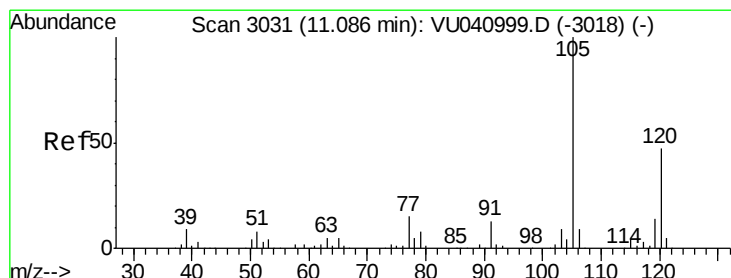
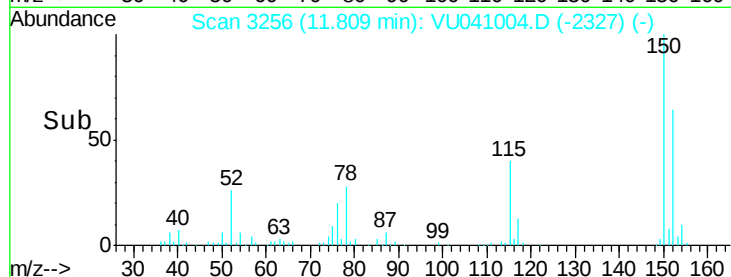
Abundance Ion 75.00 (74.70 to 75.70): VU041004.D (-2327) (-)

Ion 110.00 (109.70 to 110.70): VU041004.D (-2327) (-)

Ion 77.00 (76.70 to 77.70): VU041004.D (-2327) (-)

11.81

Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 11.46 min Scan# 3148

Delta R.T. 0.38 min

Lab File: VU041004.D

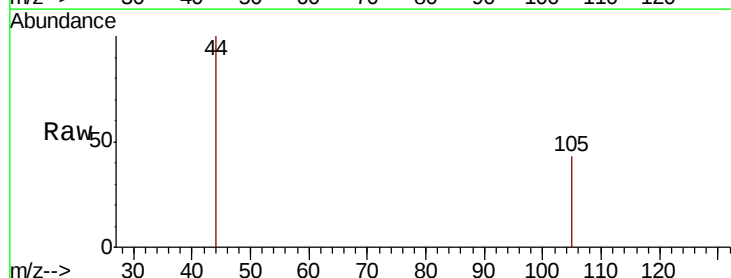
Acq: 28 Oct 2020 20:02

Tgt Ion: 105 Resp: 110

Ion Ratio Lower Upper

105 100

120 0.0 38.0 57.0#

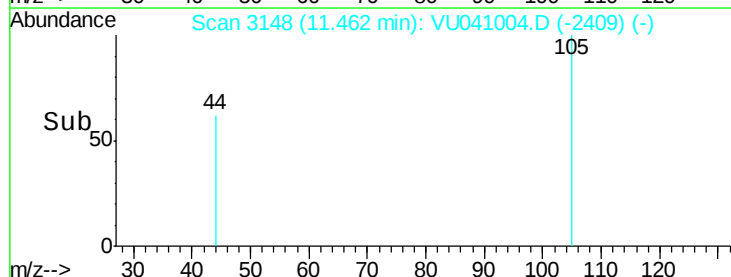


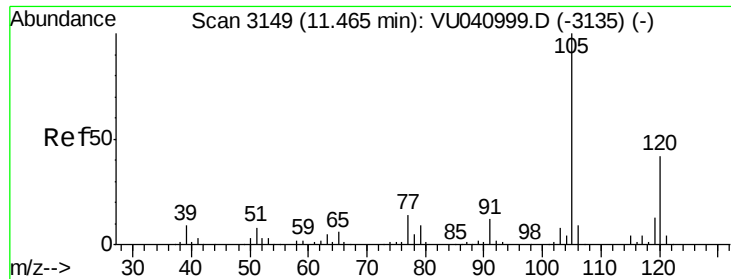
Abundance Ion 105.00 (104.70 to 105.70): VU041004.D (-2409) (-)

Ion 120.00 (119.70 to 120.70): VU041004.D (-2409) (-)

11.46

Time-->





#63

1,2,4-Trimethylbenzene

Concen: 0.005 ug/L

RT: 11.46 min Scan# 3148

Delta R.T. -0.00 min

Lab File: VU041004.D

Acq: 28 Oct 2020 20:02

Instrument :

MSVOA_U

ClientSampleId :

VBLK105

Tot Ion:105 Resp: 110

Ion Ratio Lower Upper

105 100

120 0.0 34.6 52.0#

