

Data File : VU033483.D
Acq On : 30 Jul 2019 10:11
Operator : JC/SP
Sample : VU0730WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Quant Time: Jul 31 08:47:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	279547	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	284894	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	130406	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	111465	43.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.82%
7) Chloroethane-d5	1.67	69	98882	47.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.30%
11) 1,1-Dichloroethene-d2	2.26	63	152863	32.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.86%
21) 2-Butanone-d5	4.15	46	126820	87.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.19%
24) Chloroform-d	4.62	84	166475	43.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.64%
26) 1,2-Dichloroethane-d4	5.29	65	119953	48.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.88%
32) Benzene-d6	5.32	84	370908	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.31	67	117107	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.72%
41) Toluene-d8	7.55	98	329706	45.86	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.72%
43) trans-1,3-Dichloropropene-	7.83	79	53185	45.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.76%
47) 2-Hexanone-d5	8.30	63	99640	101.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.11%
56) 1,1,2,2-Tetrachloroethane-	10.41	84	172917	47.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	11.85	152	128892	51.44	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.88%

Target Compounds

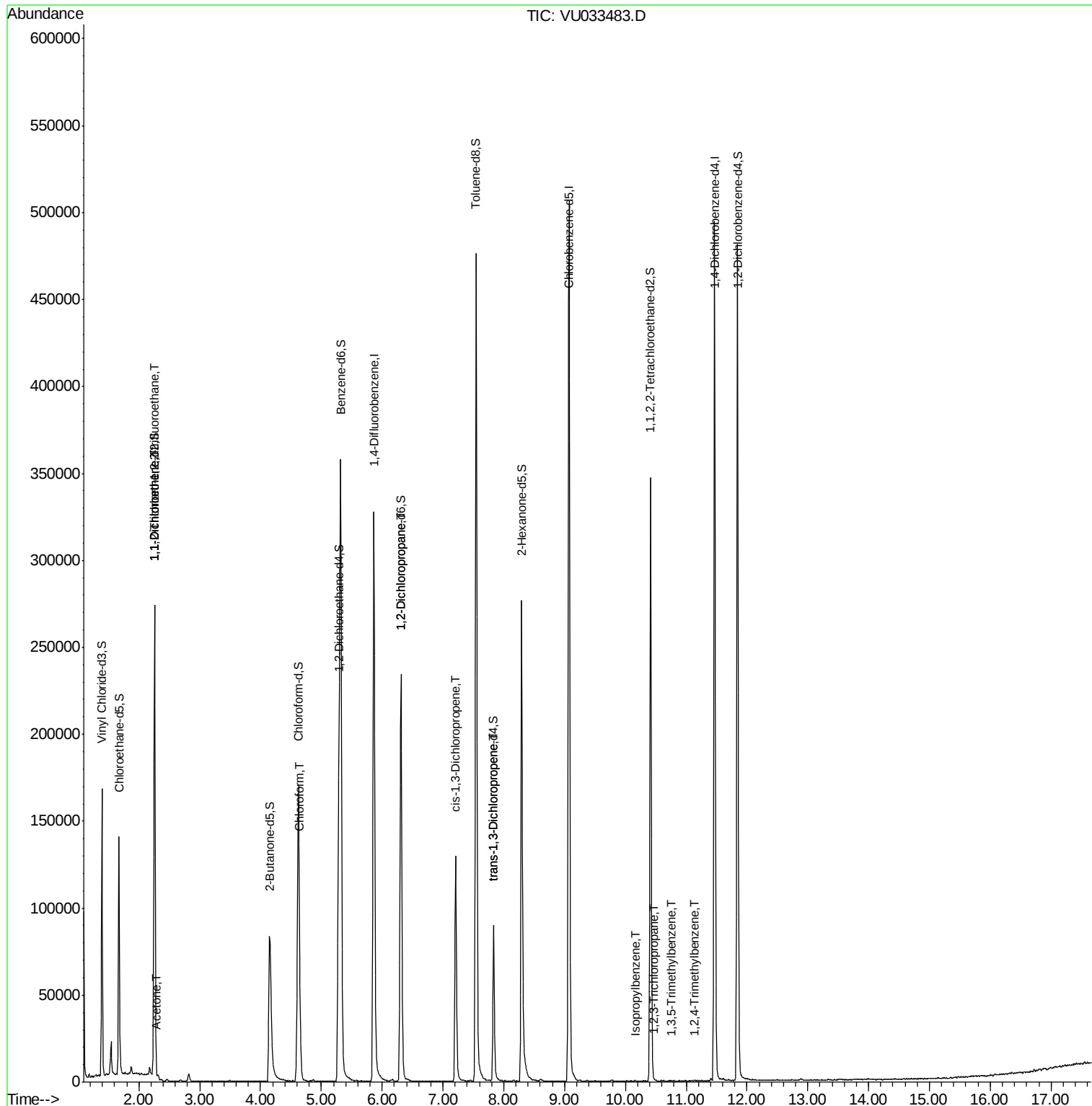
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.25	101	1407	0.670 ug/L #	24
12) 1,1-Dichloroethene	2.26	96	1465	0.716 ug/L #	1
13) Acetone	2.30	43	810	0.562 ug/L	66
25) Chloroform	4.65	83	17191	4.239 ug/L	98
37) 1,2-Dichloropropane	6.31	63	12801	5.589 ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	3698	1.083 ug/L #	72
44) trans-1,3-Dichloropropene	7.83	75	2527	0.815 ug/L	89
60) 1,2,3-Trichloropropane	10.48	75	102	0.038 ug/L #	39
61) Isopropylbenzene	10.16	105	396	0.047 ug/L #	67
62) 1,3,5-Trimethylbenzene	10.76	105	153	0.023 ug/L #	28
63) 1,2,4-Trimethylbenzene	11.14	105	477	0.071 ug/L #	69

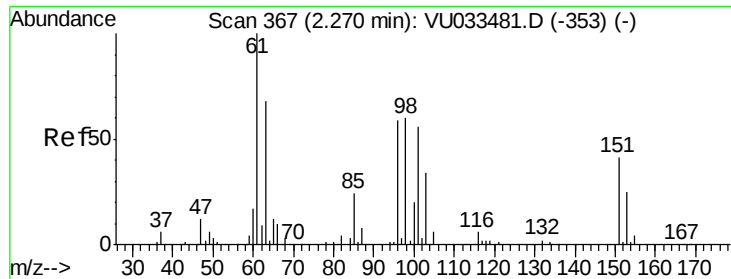
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU033483.D
Acq On : 30 Jul 2019 10:11
Operator : JC/SP
Sample : VU0730WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK33

Quant Time: Jul 31 08:47:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMULM072919W.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 31 08:44:45 2019
Response via : Initial Calibration





#10

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

Concen: 0.670 ug/L

RT: 2.25 min Scan# 362

Delta R.T. -0.02 min

Lab File: VU033483.D

Acq: 30 Jul 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK33

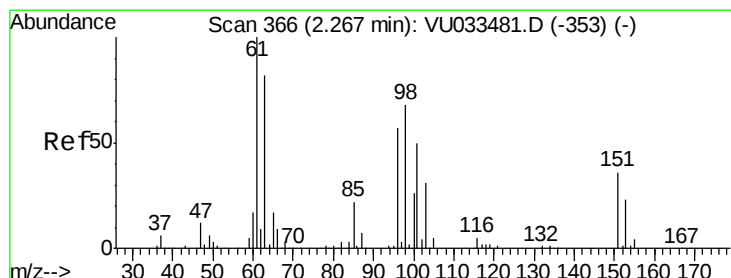
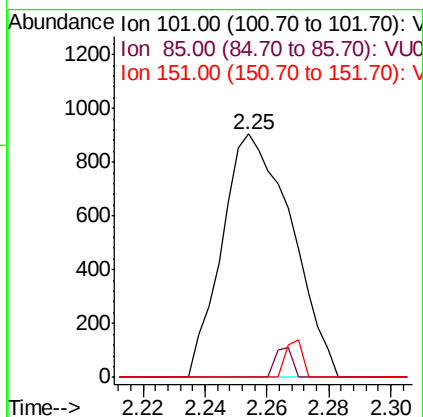
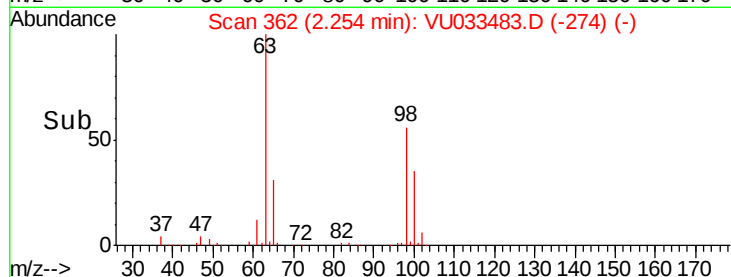
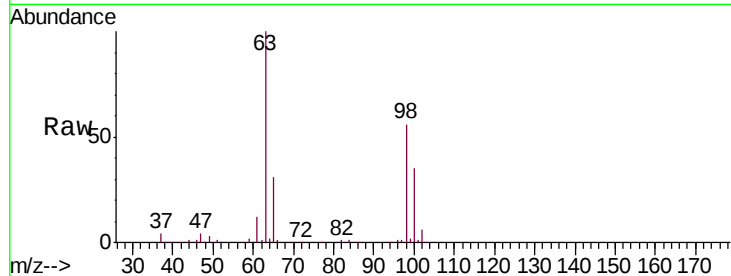
Tgt Ion:101 Resp: 1407

Ion Ratio Lower Upper

101 100

85 2.9 35.8 53.8#

151 3.6 58.6 87.8#



#12

1,1-Dichloroethene

Concen: 0.716 ug/L

RT: 2.26 min Scan# 363

Delta R.T. -0.01 min

Lab File: VU033483.D

Acq: 30 Jul 2019 10:11

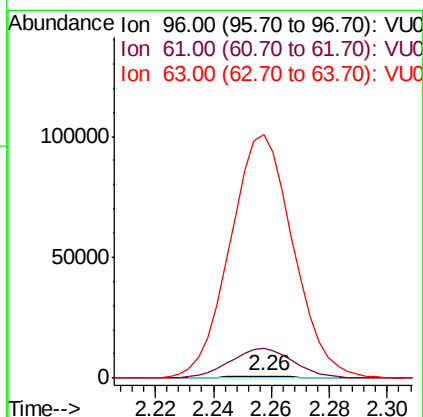
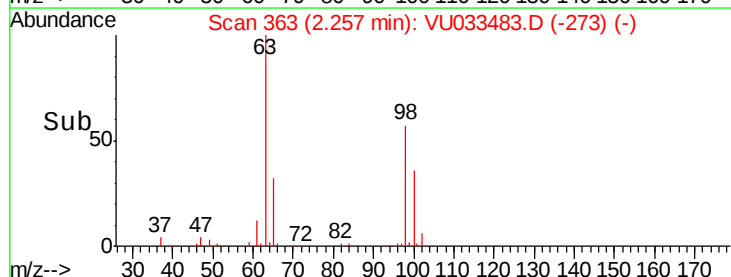
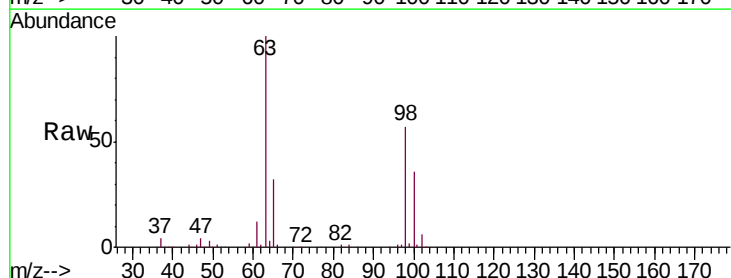
Tgt Ion: 96 Resp: 1465

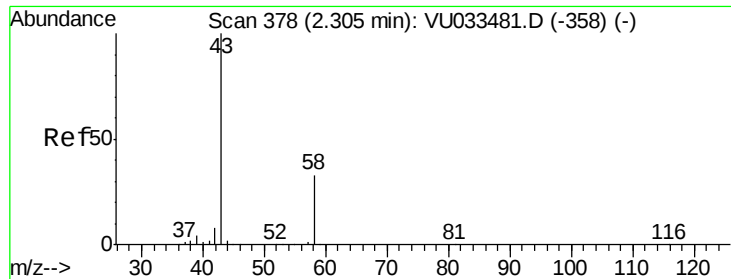
Ion Ratio Lower Upper

96 100

61 1287.6 124.1 230.5#

63 10409.1 101.8 189.2#





#13

Acetone

Concen: 0.562 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: VU033483.D

Acq: 30 Jul 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

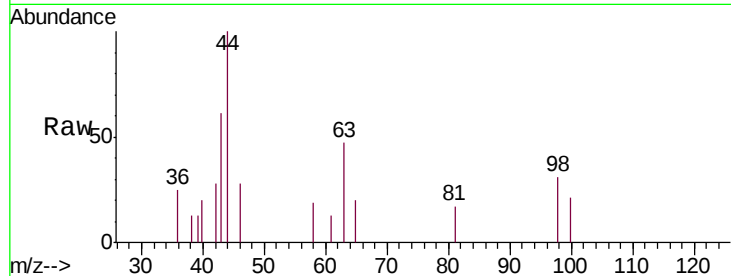
VBLK33

Tgt Ion: 43 Resp: 810

Ion Ratio Lower Upper

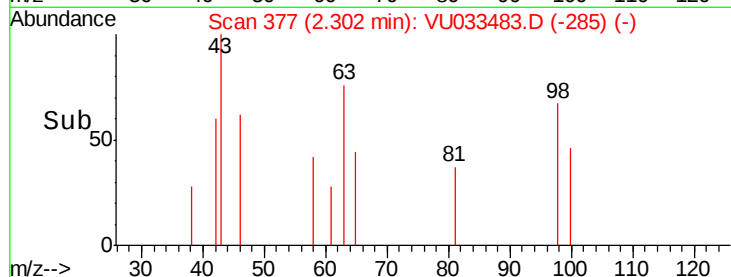
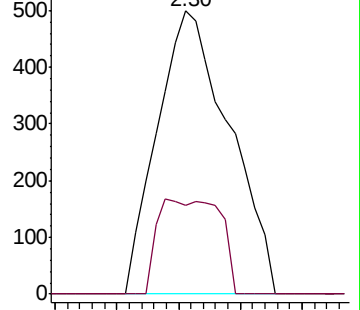
43 100

58 14.6 0.0 67.4

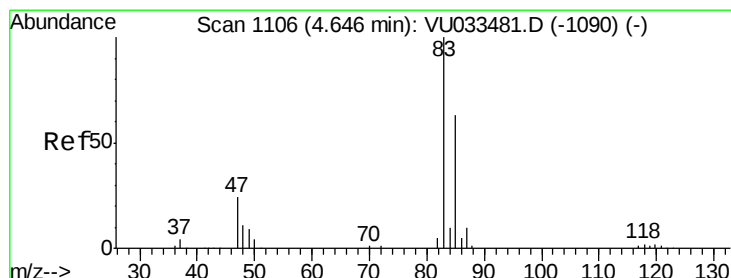


Abundance Ion 43.00 (42.70 to 43.70): VU033483.D (-377) (-)

Ion 58.00 (57.70 to 58.70): VU033483.D (-377) (-)



Time-->



#25

Chloroform

Concen: 4.239 ug/L

RT: 4.65 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VU033483.D

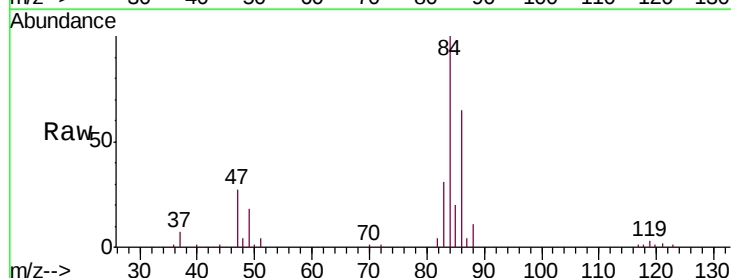
Acq: 30 Jul 2019 10:11

Tgt Ion: 83 Resp: 17191

Ion Ratio Lower Upper

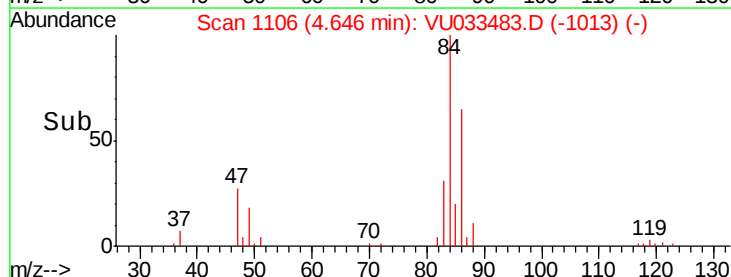
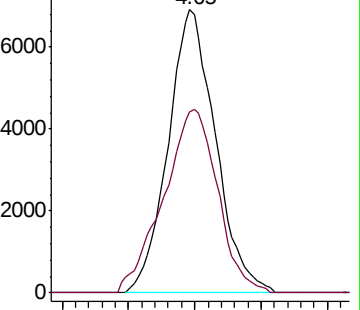
83 100

85 63.8 45.6 84.8

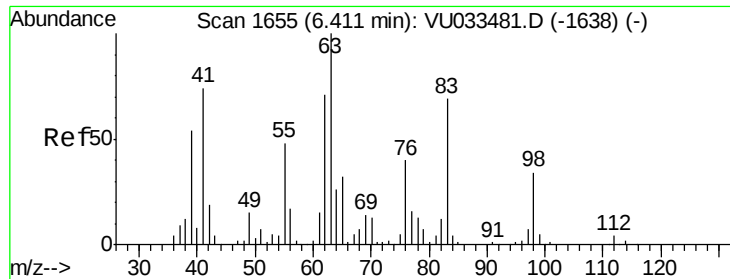


Abundance Ion 83.00 (82.70 to 83.70): VU033483.D (-1106) (-)

Ion 85.00 (84.70 to 85.70): VU033483.D (-1106) (-)



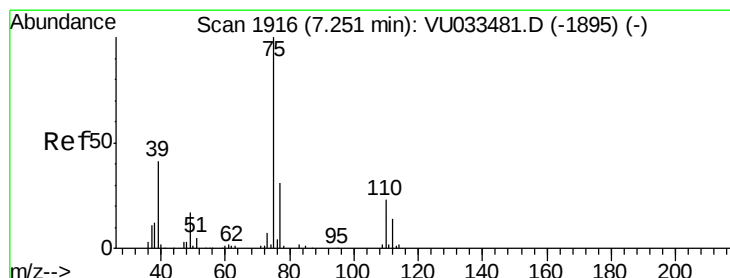
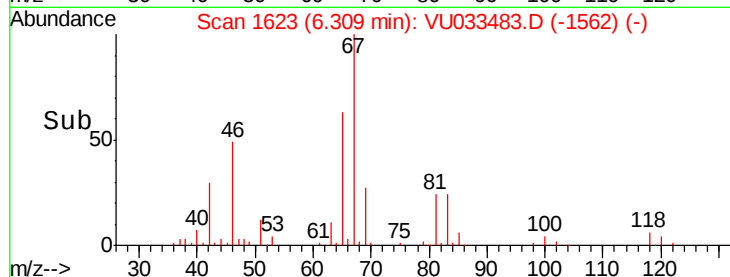
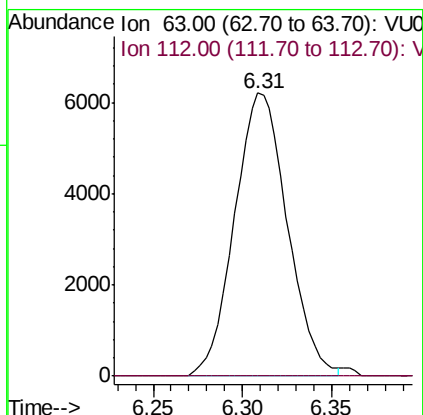
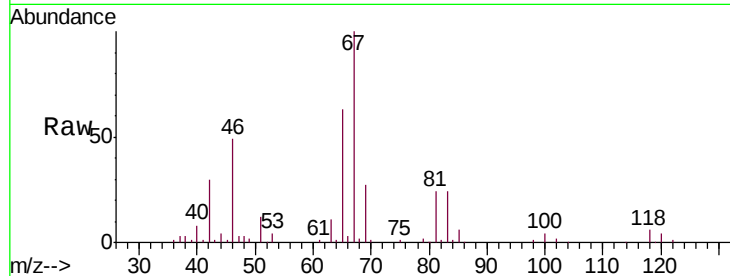
Time-->



#37
 1,2-Dichloropropane
 Concen: 5.589 ug/L
 RT: 6.31 min Scan# 1623
 Delta R.T. -0.10 min
 Lab File: VU033483.D
 Acq: 30 Jul 2019 10:11

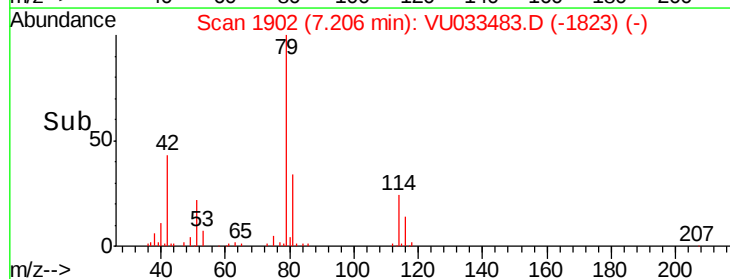
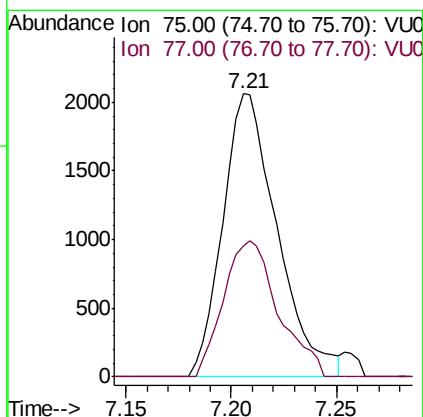
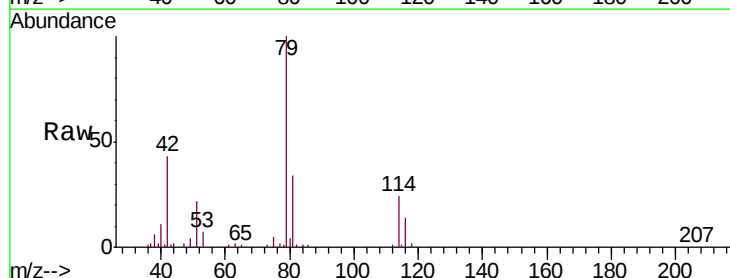
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK33

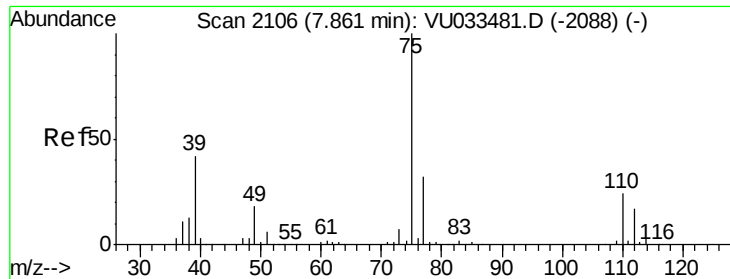
Tgt Ion: 63 Resp: 12801
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 1.083 ug/L
 RT: 7.21 min Scan# 1902
 Delta R.T. -0.04 min
 Lab File: VU033483.D
 Acq: 30 Jul 2019 10:11

Tgt Ion: 75 Resp: 3698
 Ion Ratio Lower Upper
 75 100
 77 46.4 21.6 40.2#





#44

trans-1,3-Dichloropropene

Concen: 0.815 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.03 min

Lab File: VU033483.D

Acq: 30 Jul 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

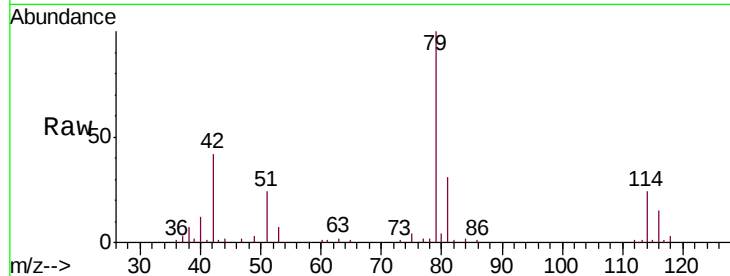
VBLK33

Tgt Ion: 75 Resp: 2527

Ion Ratio Lower Upper

75 100

77 38.2 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VU033483.D (-2096) (-)

Ion 77.00 (76.70 to 77.70): VU033483.D (-2096) (-)

7.83

1500

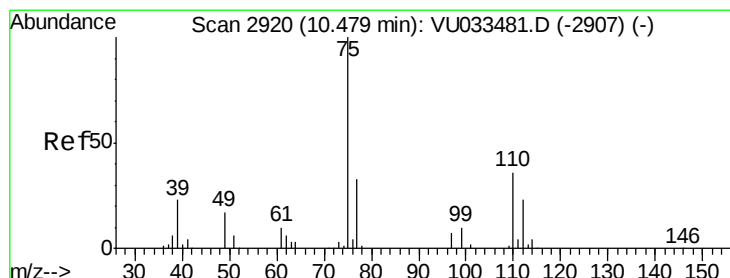
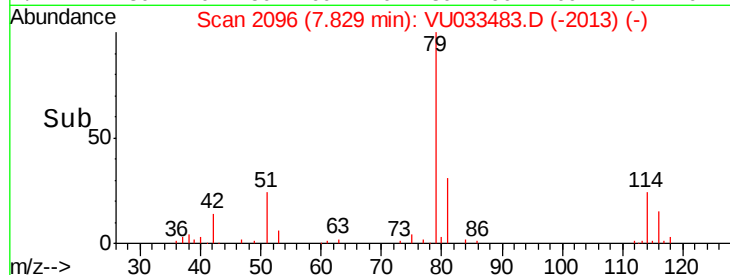
1000

500

0

7.80 7.85 7.90

Time-->



#60

1,2,3-Trichloropropane

Concen: 0.038 ug/L

RT: 10.48 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VU033483.D

Acq: 30 Jul 2019 10:11

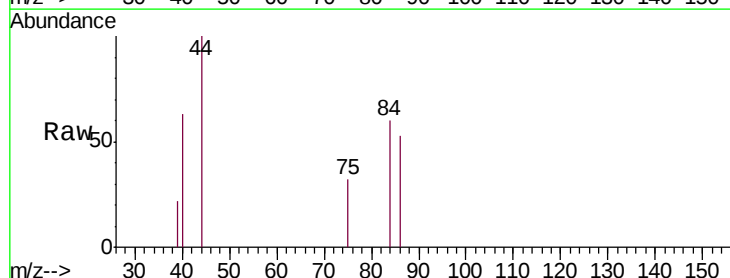
Tgt Ion: 75 Resp: 102

Ion Ratio Lower Upper

75 100

77 0.0 25.9 38.9#

110 0.0 30.2 45.4#



Abundance Ion 75.00 (74.70 to 75.70): VU033483.D (-2298) (-)

Ion 77.00 (76.70 to 77.70): VU033483.D (-2298) (-)

Ion 110.00 (109.70 to 110.70): VU033483.D (-2298) (-)

10.48

200

150

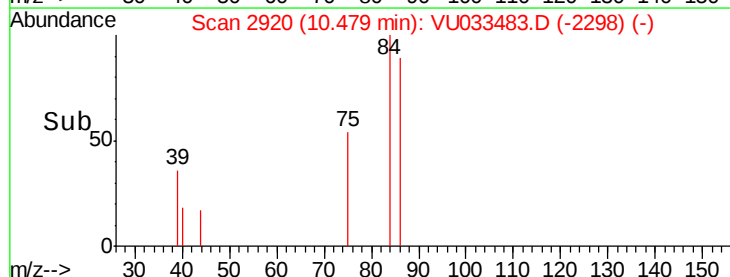
100

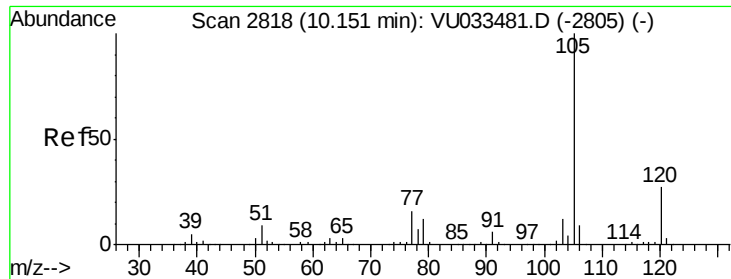
50

0

10.47 10.48 10.49

Time-->





#61

Isopropylbenzene

Concen: 0.047 ug/L

RT: 10.16 min Scan# 2820

Delta R.T. 0.01 min

Lab File: VU033483.D

Acq: 30 Jul 2019 10:11

Instrument :

MSVOA_U

ClientSampleId :

VBLK33

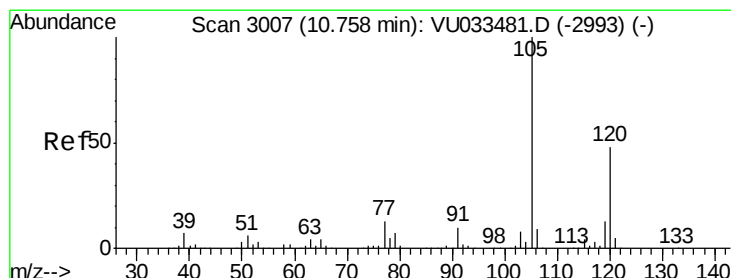
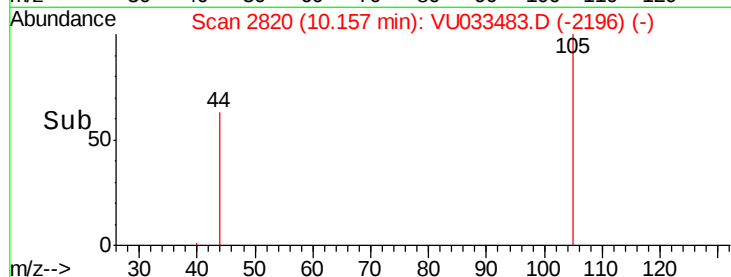
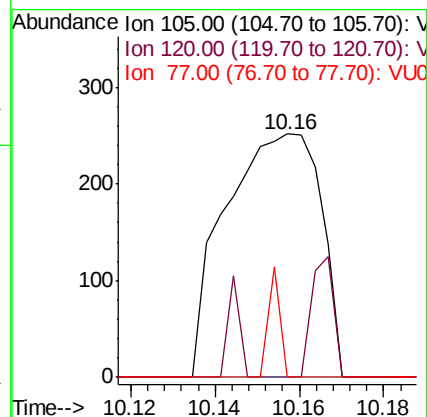
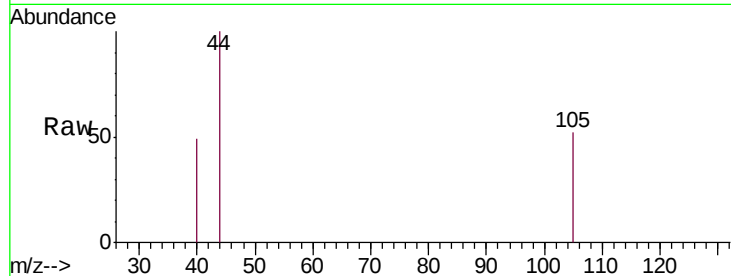
Tgt Ion:105 Resp: 396

Ion Ratio Lower Upper

105 100

120 11.4 21.7 32.5#

77 0.0 12.6 19.0#



#62

1,3,5-Trimethylbenzene

Concen: 0.023 ug/L

RT: 10.76 min Scan# 3008

Delta R.T. 0.00 min

Lab File: VU033483.D

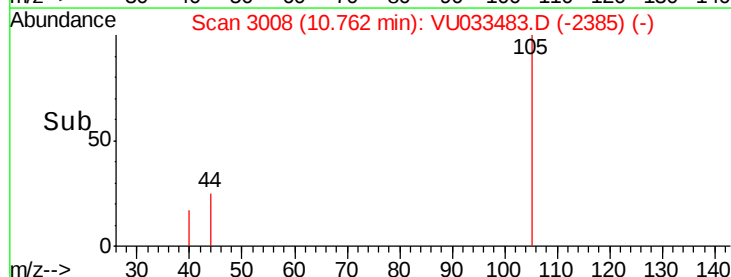
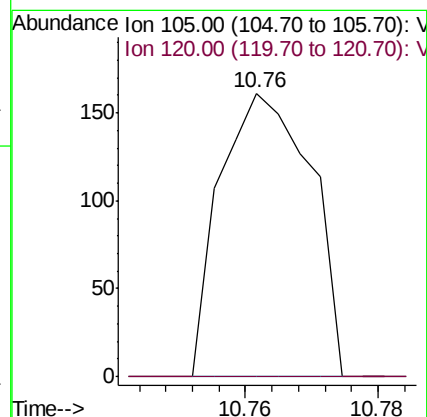
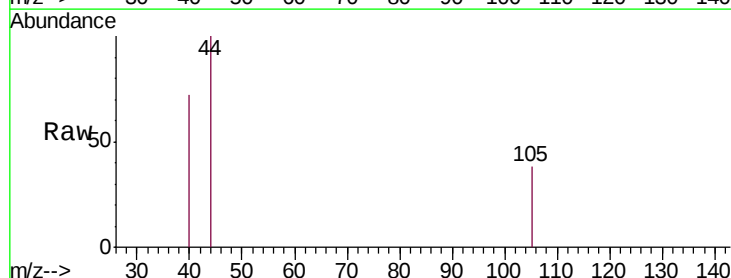
Acq: 30 Jul 2019 10:11

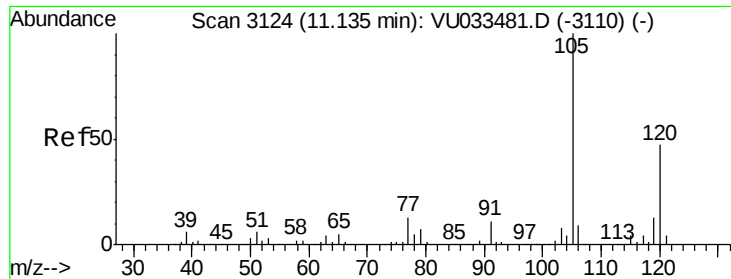
Tgt Ion:105 Resp: 153

Ion Ratio Lower Upper

105 100

120 0.0 39.0 58.6#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.071 ug/L
 RT: 11.14 min Scan# 3125
 Delta R.T. 0.00 min
 Lab File: VU033483.D
 Acq: 30 Jul 2019 10:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK33

Tgt Ion:105 Resp: 477
 Ion Ratio Lower Upper
 105 100
 120 25.2 36.6 55.0#

