

Data File : VU033537.D
Acq On : 01 Aug 2019 09:45
Operator : JC/SP
Sample : VU0801MBL01
Misc : 5.00g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK37

Quant Time: Aug 02 01:52:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM073119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 02 01:49:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	301035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	293907	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	135522	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	98279	44.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.80%
7) Chloroethane-d5	1.67	69	85774	45.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.36%
11) 1,1-Dichloroethene-d2	2.26	63	135205	34.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.08%
21) 2-Butanone-d5	4.17	46	171072	118.01	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.01%
24) Chloroform-d	4.62	84	179475	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
26) 1,2-Dichloroethane-d4	5.29	65	120860	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.32	84	359766	49.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.76%
36) 1,2-Dichloropropane-d6	6.31	67	118302	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.55	98	317864	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%
43) trans-1,3-Dichloropropene-	7.83	79	55765	49.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.44%
47) 2-Hexanone-d5	8.30	63	123120	113.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.54%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	180291	51.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.38%
64) 1,2-Dichlorobenzene-d4	11.85	152	129248	52.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.16%

Target Compounds

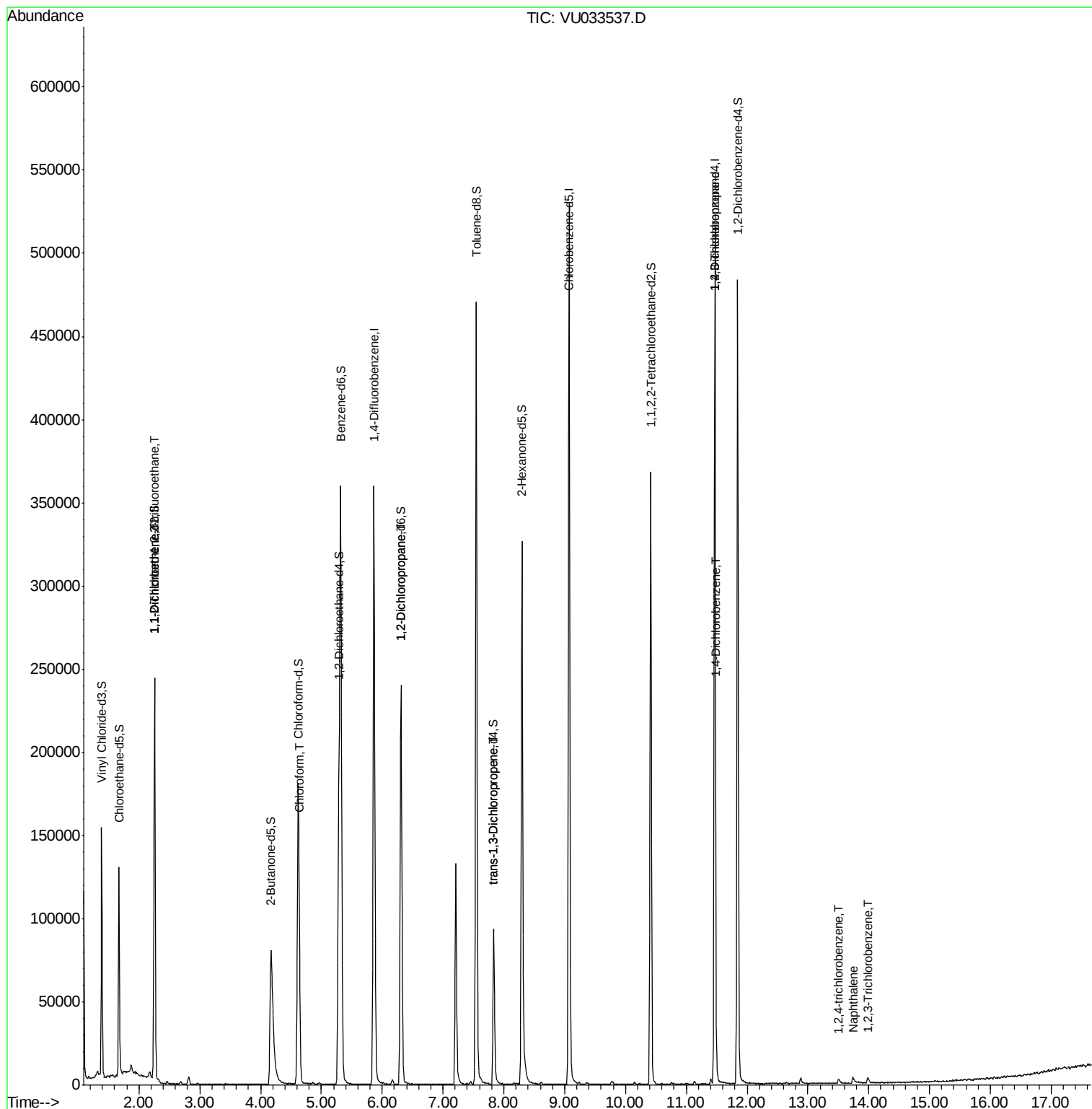
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1354	0.666 ug/L #	19
12) 1,1-Dichloroethene	2.26	96	1151	0.590 ug/L #	1
25) Chloroform	4.64	83	2899	0.719 ug/L #	69
37) 1,2-Dichloropropane	6.31	63	12089	5.327 ug/L #	88
44) trans-1,3-Dichloropropene	7.84	75	2352	0.735 ug/L	96
59) 1,2,3-Trichloropropane	11.47	75	16027	5.350 ug/L	89
63) 1,4-Dichlorobenzene	11.49	146	2312	0.535 ug/L	92
68) 1,2,4-trichlorobenzene	13.50	180	1327	0.463 ug/L #	94
69) Naphthalene	13.74	128	4403	0.535 ug/L #	85
70) 1,2,3-Trichlorobenzene	13.98	180	1811	0.600 ug/L #	89

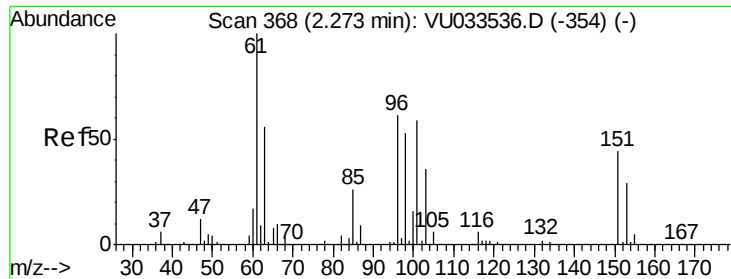
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 02 01:49:55 2019
Response via : Initial Calibration





#10

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

Concen: 0.666 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033537.D

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Instrument :

MSVOA_U

ClientSampleId :

VBLK37

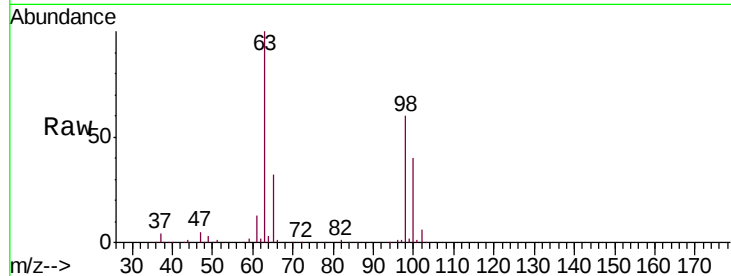
Tgt Ion: 101 Resp: 1354

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

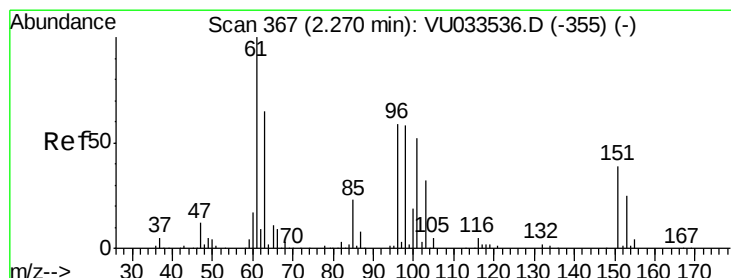
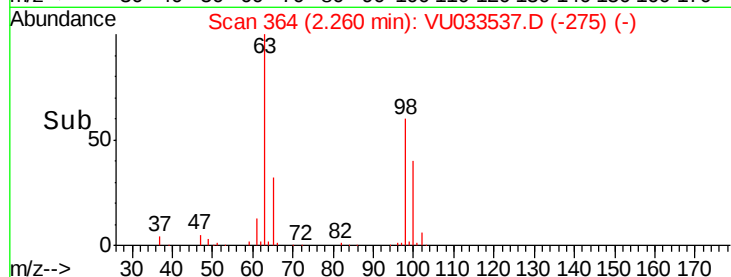
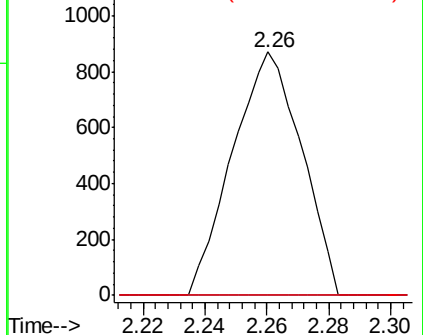
151 0.0 60.1 90.1#



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



#12

1,1-Dichloroethene

Concen: 0.590 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033537.D

Acq: 01 Aug 2019 09:45

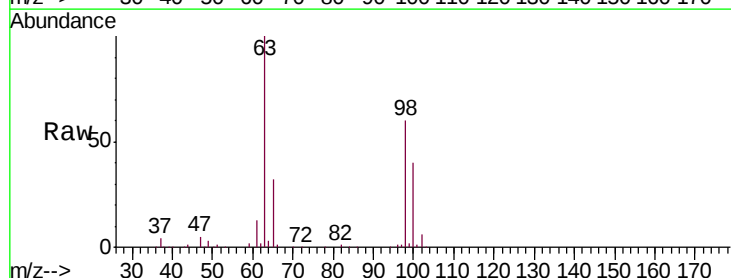
Tgt Ion: 96 Resp: 1151

Ion Ratio Lower Upper

96 100

61 1435.1 119.3 221.5#

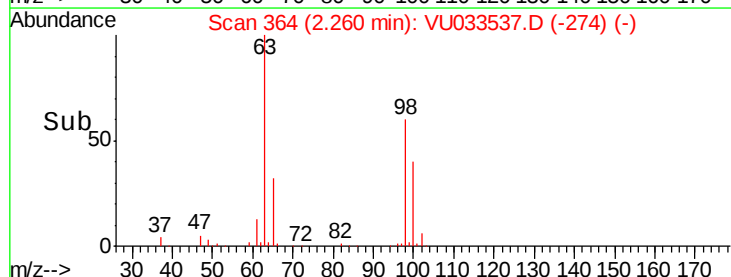
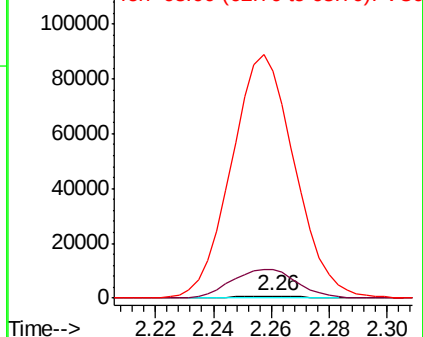
63 11442.4 86.6 160.8#

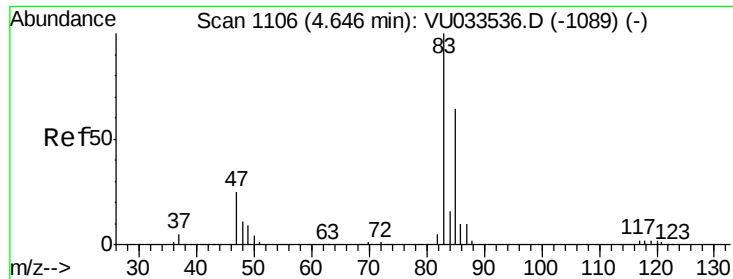


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#25

Chloroform

Concen: 0.719 ug/L

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU033537.D

Acq: 01 Aug 2019 09:45

Instrument :

MSVOA_U

ClientSampleId :

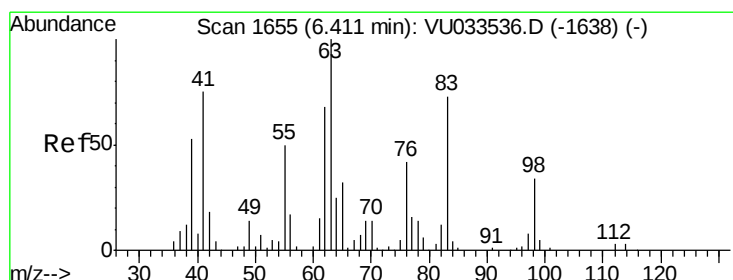
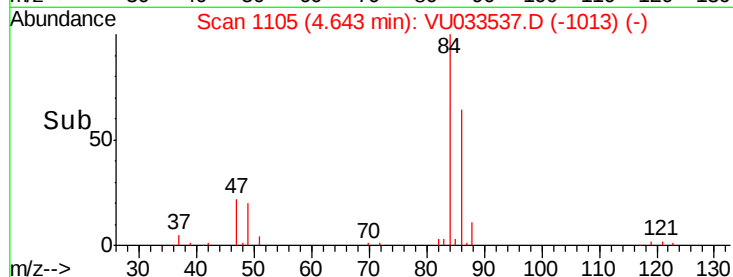
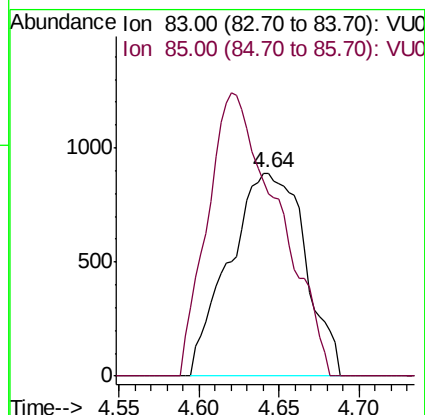
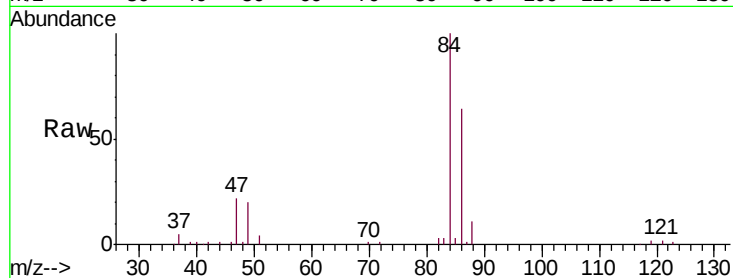
VBLK37

Tgt Ion: 83 Resp: 2899

Ion Ratio Lower Upper

83 100

85 89.9 45.6 84.8#



#37

1,2-Dichloropropane

Concen: 5.327 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.10 min

Lab File: VU033537.D

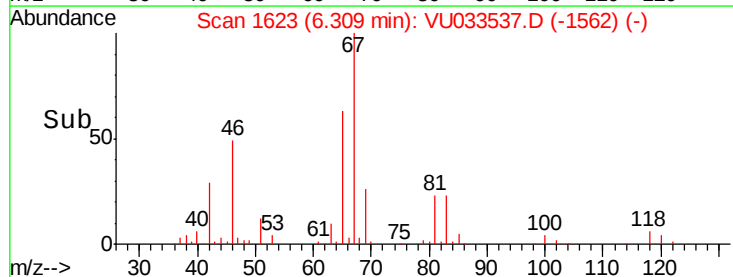
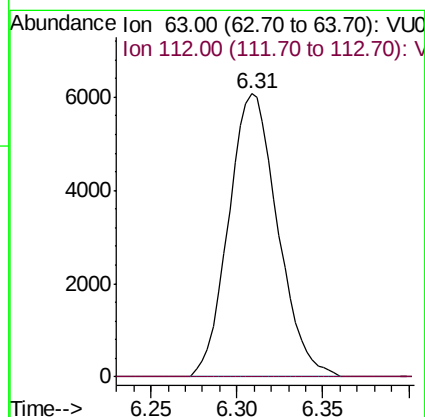
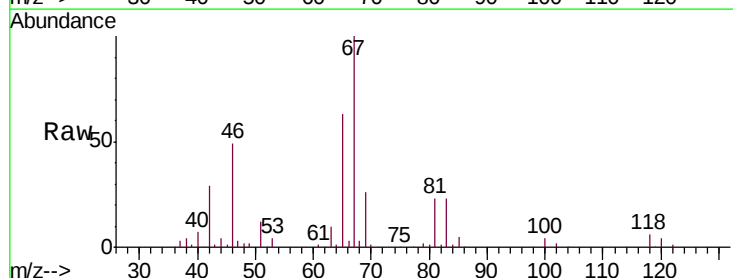
Acq: 01 Aug 2019 09:45

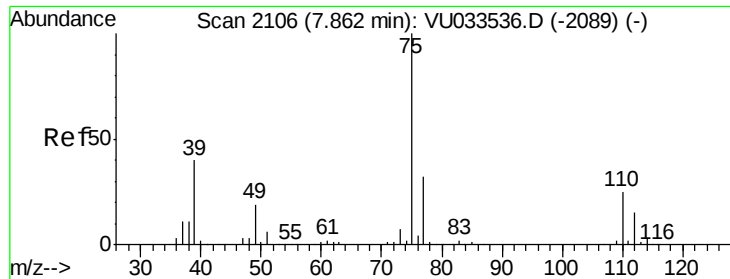
Tgt Ion: 63 Resp: 12089

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#





#44

trans-1,3-Dichloropropene

Concen: 0.735 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU033537.D

Acq: 01 Aug 2019 09:45

Instrument :

MSVOA_U

ClientSampled :

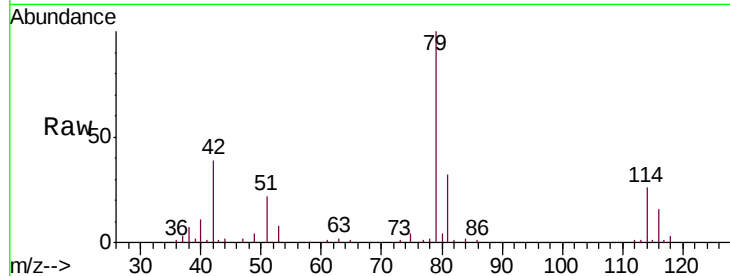
VBLK37

Tgt Ion: 75 Resp: 2352

Ion Ratio Lower Upper

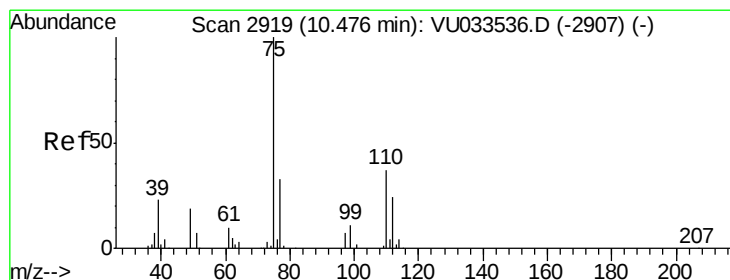
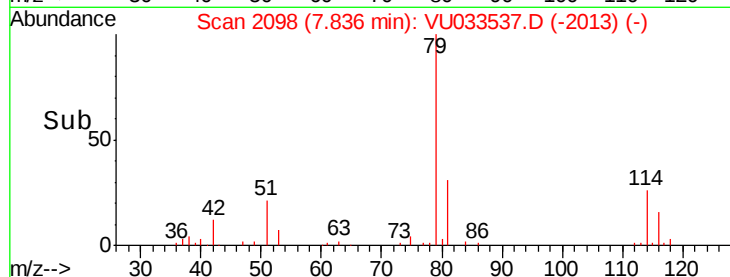
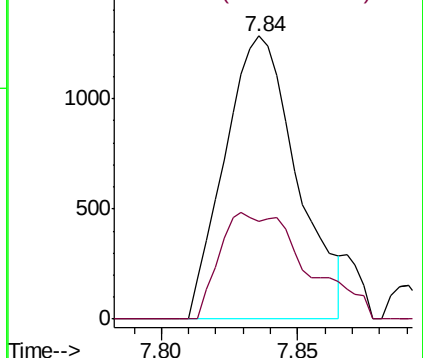
75 100

77 34.5 22.7 42.1



Abundance Ion 75.00 (74.70 to 75.70): VU033536.D (-2089) (-)

Ion 77.00 (76.70 to 77.70): VU033536.D (-2089) (-)



#59

1,2,3-Trichloropropane

Concen: 5.350 ug/L

RT: 11.47 min Scan# 3228

Delta R.T. 0.99 min

Lab File: VU033537.D

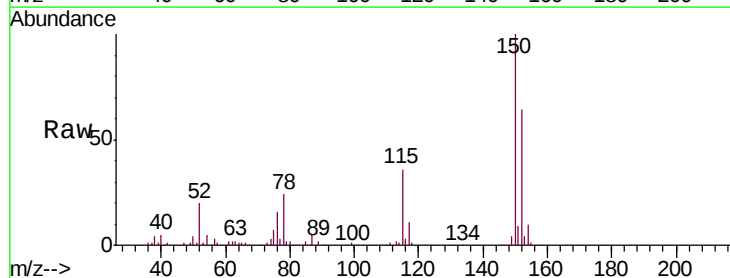
Acq: 01 Aug 2019 09:45

Tgt Ion: 75 Resp: 16027

Ion Ratio Lower Upper

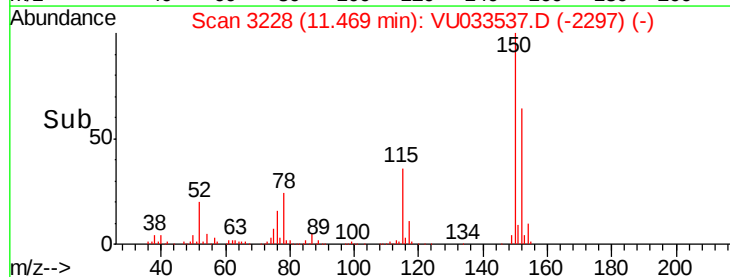
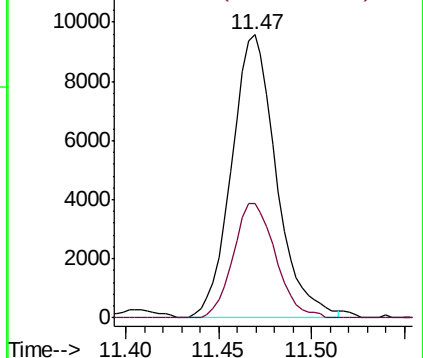
75 100

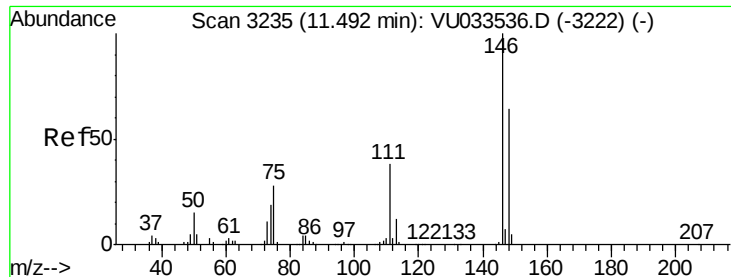
77 38.2 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VU033536.D (-2907) (-)

Ion 77.00 (76.70 to 77.70): VU033536.D (-2907) (-)

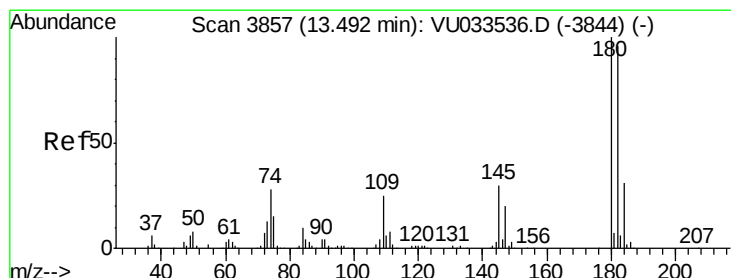
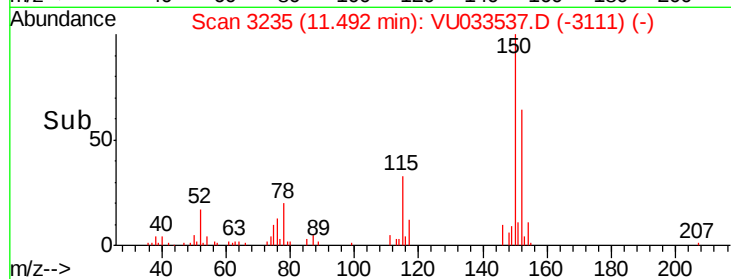
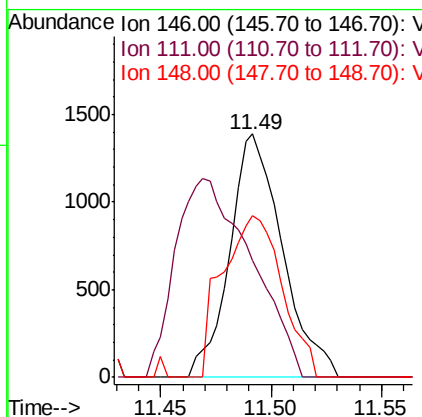
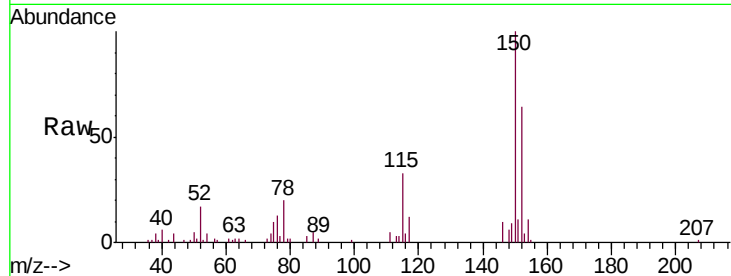




#63
 1,4-Dichlorobenzene
 Concen: 0.535 ug/L
 RT: 11.49 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU033537.D
 Acq: 01 Aug 2019 09:45

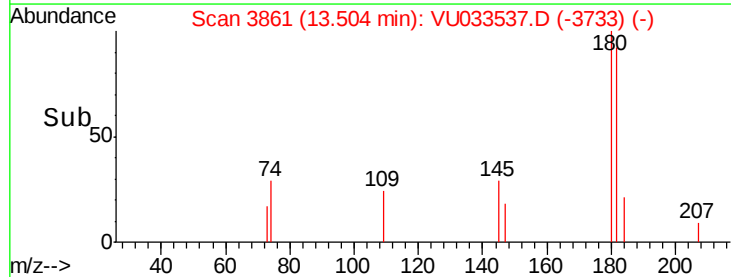
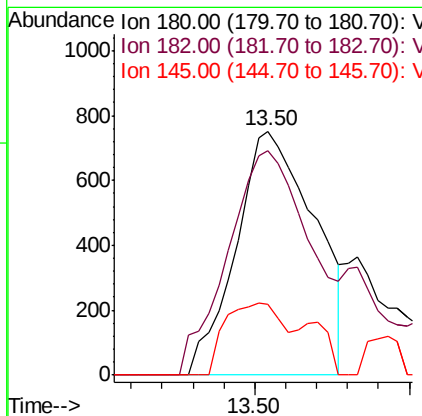
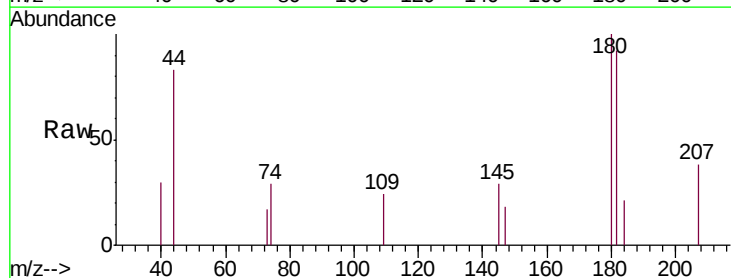
Instrument :
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 VBLK37

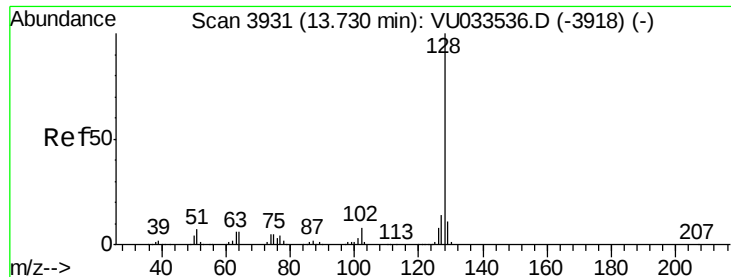
Tgt Ion:146 Resp: 2312
 Ion Ratio Lower Upper
 146 100
 111 47.9 27.2 50.4
 148 66.3 44.5 82.7



#68
 1,2,4-trichlorobenzene
 Concen: 0.463 ug/L
 RT: 13.50 min Scan# 3861
 Delta R.T. 0.01 min
 Lab File: VU033537.D
 Acq: 01 Aug 2019 09:45

Tgt Ion:180 Resp: 1327
 Ion Ratio Lower Upper
 180 100
 182 97.1 75.8 113.8
 145 21.6 24.3 36.5#





#69

Naphthalene

Concen: 0.535 ug/L

RT: 13.74 min Scan# 3935

Delta R.T. 0.01 min

Lab File: VU033537.D

Acq: 01 Aug 2019 09:45

Instrument :

MSVOA_U

ClientSampled :

VBLK37

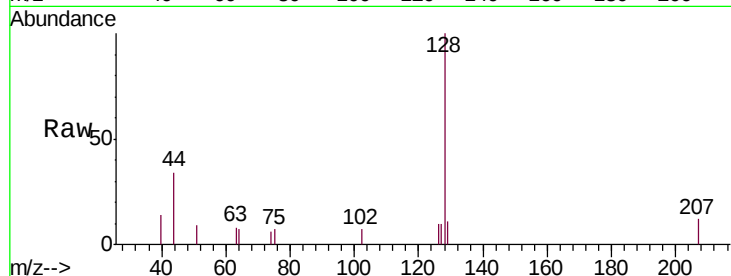
Tgt Ion:128 Resp: 4403

Ion Ratio Lower Upper

128 100

127 6.4 10.8 16.2#

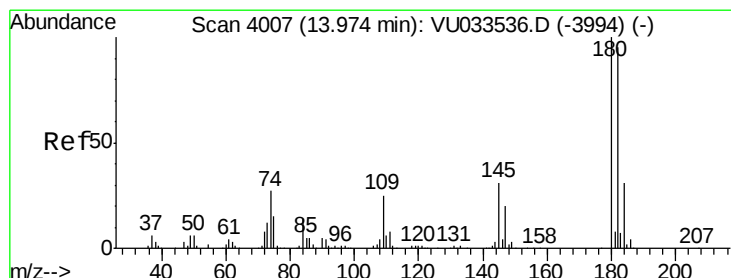
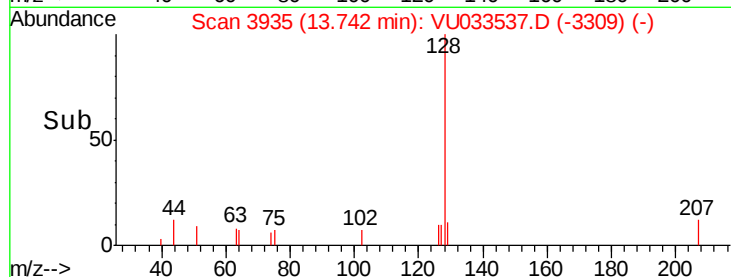
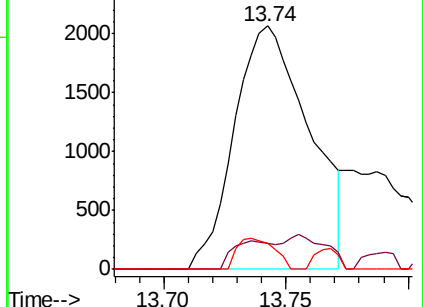
129 6.3 8.7 13.1#



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



#70

1,2,3-Trichlorobenzene

Concen: 0.600 ug/L

RT: 13.98 min Scan# 4009

Delta R.T. 0.01 min

Lab File: VU033537.D

Acq: 01 Aug 2019 09:45

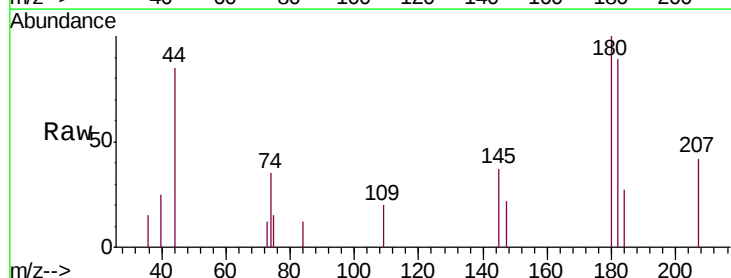
Tgt Ion:180 Resp: 1811

Ion Ratio Lower Upper

180 100

182 86.7 75.5 113.3

145 19.2 24.4 36.6#



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

