

Data File : VU031820.D
Acq On : 08 May 2019 13:23
Operator : JC/SP
Sample : VU0508WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK11

Quant Time: May 09 05:35:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 09 05:32:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	328018	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	332447	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	134580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	102396	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.68	69	89332	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.80%
11) 1,1-Dichloroethene-d2	2.27	63	154894	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.20	46	431351	49.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.84%
24) Chloroform-d	4.64	84	226384	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.31	65	134263	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.33	84	425552	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.32	67	151762	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	7.56	98	318417	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
43) trans-1,3-Dichloropropene-	7.85	79	48415	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
46) 2-Hexanone-d5	8.31	63	258058	46.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106536	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	112756	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

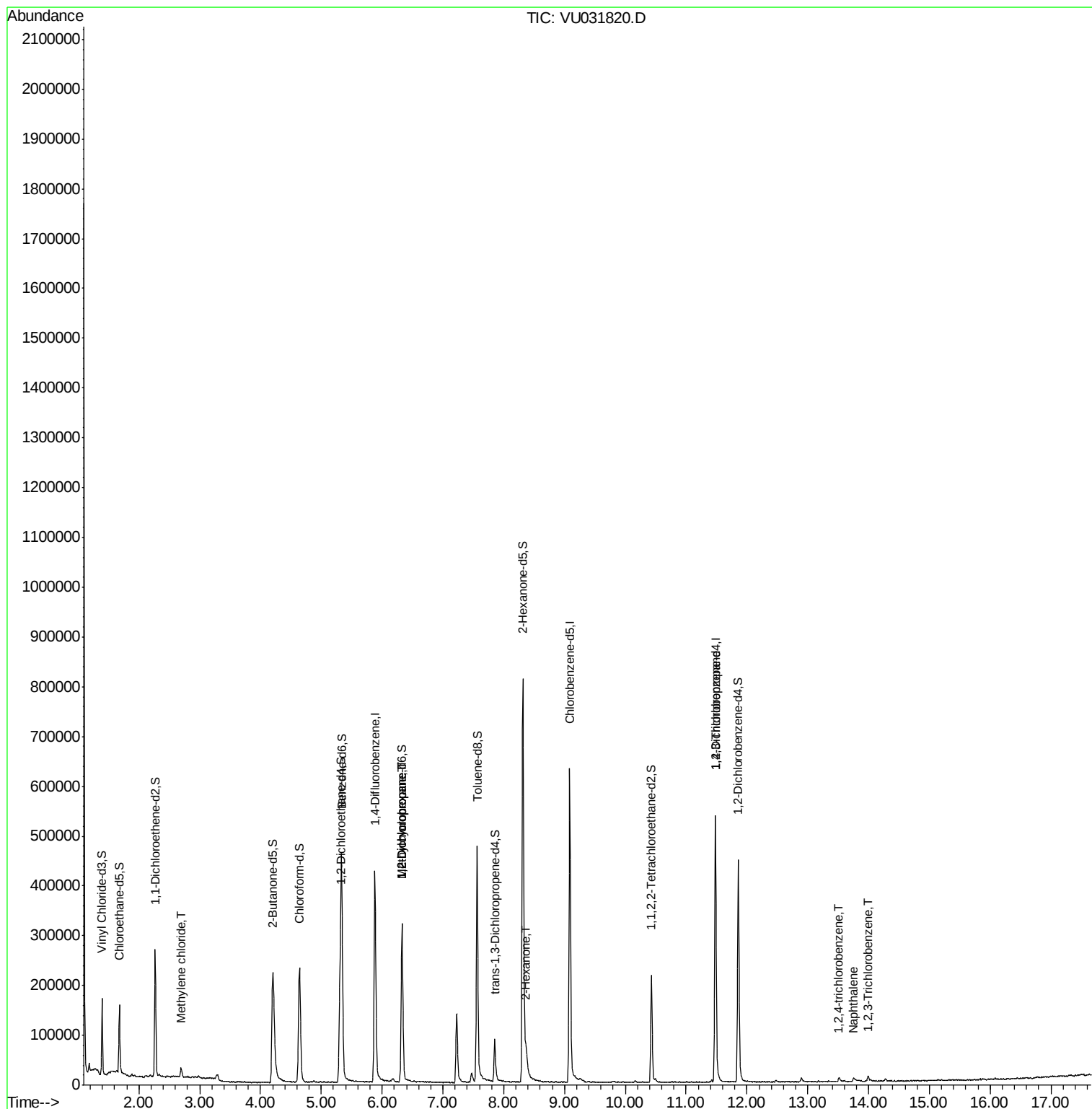
					Qvalue
16) Methylene chloride	2.69	84	7097	0.229 ug/L	92
35) Methylcyclohexane	6.32	83	31626	0.753 ug/L #	12
37) 1,2-Dichloropropane	6.32	63	18841	0.568 ug/L #	92
48) 2-Hexanone	8.37	43	36162	2.279 ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	20595	1.049 ug/L	96
68) 1,2,4-trichlorobenzene	13.51	180	3671	0.153 ug/L #	85
69) Naphthalene	13.76	128	5872	0.143 ug/L #	89
70) 1,2,3-Trichlorobenzene	13.99	180	3318	0.149 ug/L #	59

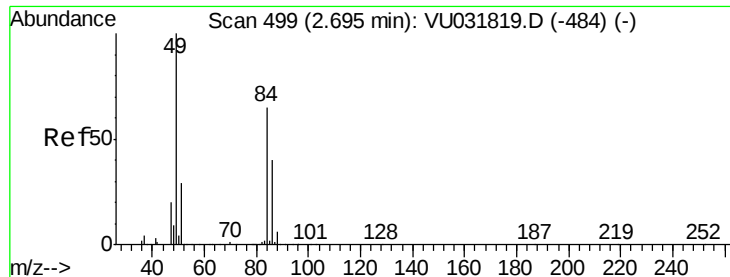
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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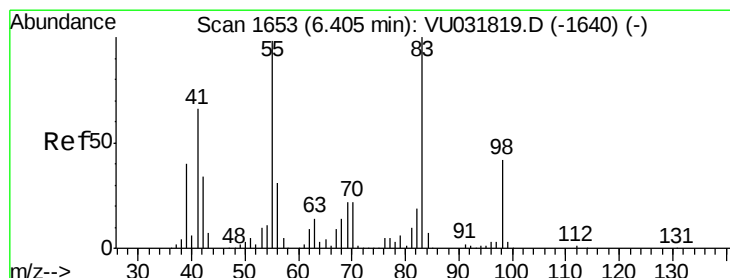
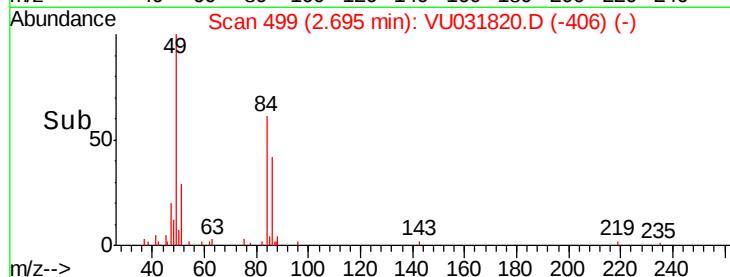
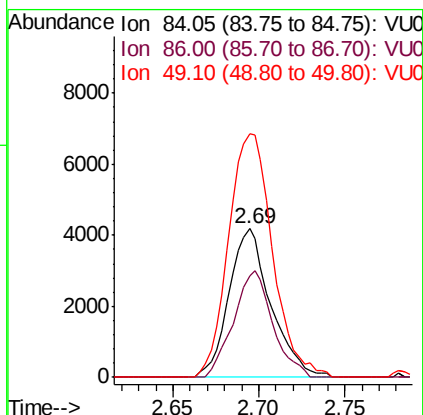
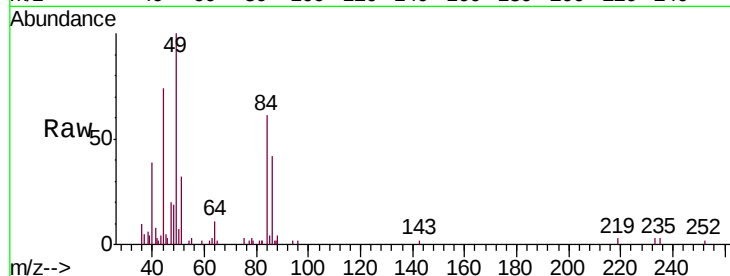




#16
Methylene chloride
Concen: 0.229 ug/L
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031820.D
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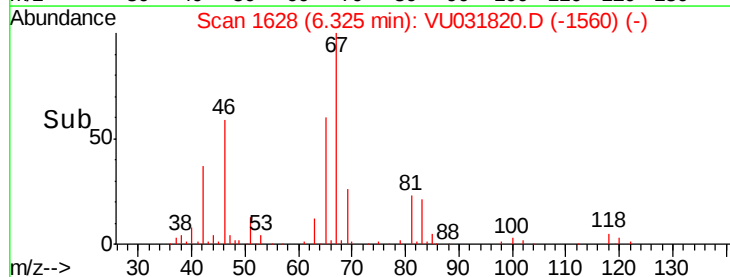
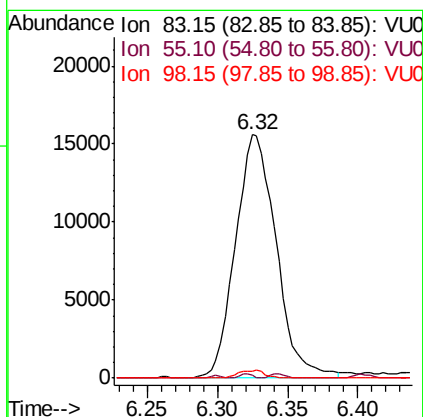
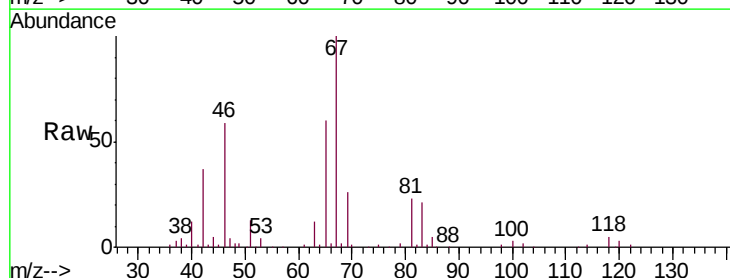
Instrument :
MSVOA_U
ClientSampleId :
VBLK11

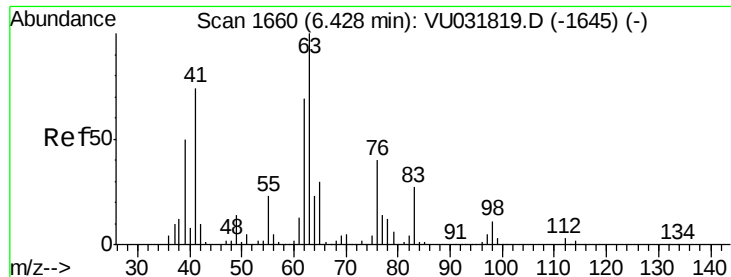
Tgt Ion: 84 Resp: 7097
Ion Ratio Lower Upper
84 100
86 68.3 45.6 84.8
49 164.0 106.7 198.1



#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU031820.D
Acq: 08 May 2019 13:23

Tgt Ion: 83 Resp: 31626
Ion Ratio Lower Upper
83 100
55 0.5 79.2 118.8#
98 2.0 34.0 51.0#

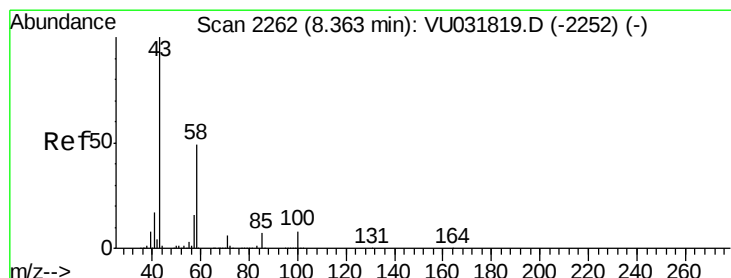
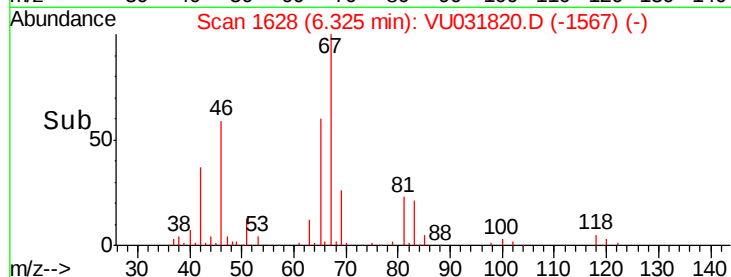
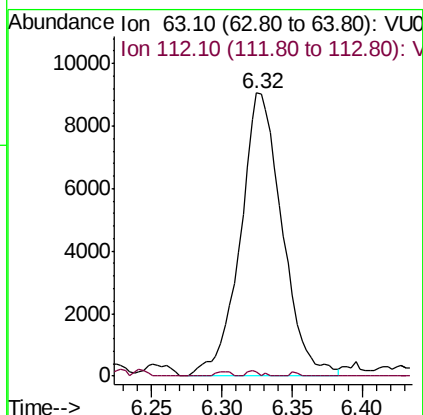
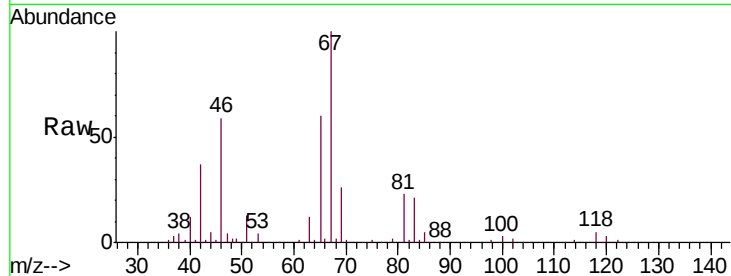




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU031820.D
 Acq: 08 May 2019 13:23

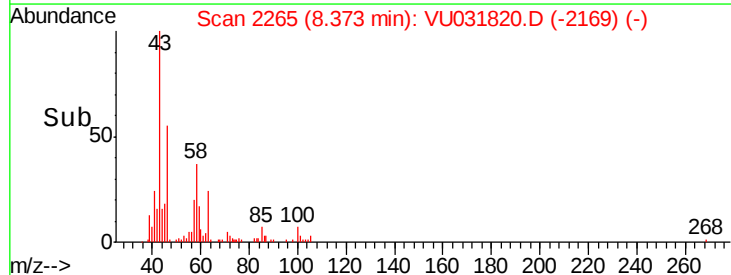
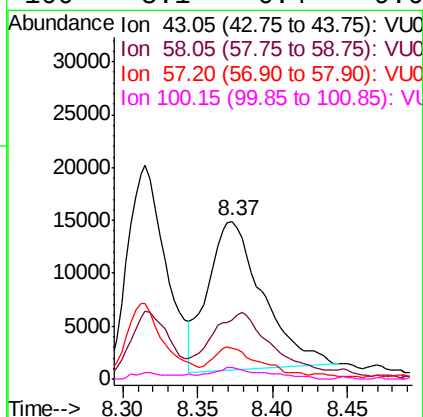
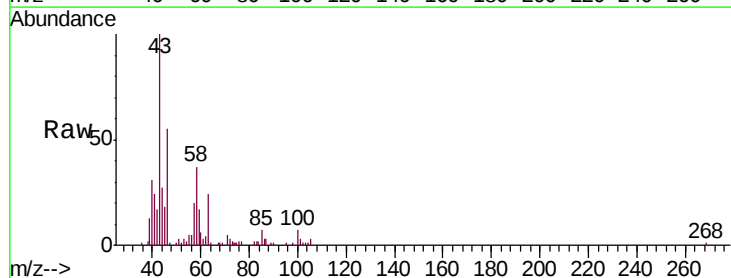
Instrument :
 MSVOA_U
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 VBLK11

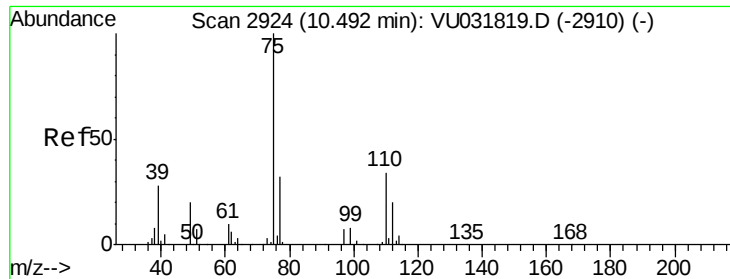
Tgt Ion: 63 Resp: 18841
 Ion Ratio Lower Upper
 63 100
 112 0.6 2.5 3.7#



#48
 2-Hexanone
 Concen: 2.279 ug/L
 RT: 8.37 min Scan# 2265
 Delta R.T. 0.01 min
 Lab File: VU031820.D
 Acq: 08 May 2019 13:23

Tgt Ion: 43 Resp: 36162
 Ion Ratio Lower Upper
 43 100
 58 42.3 40.2 60.2
 57 18.4 13.8 20.6
 100 8.1 6.4 9.6





#59

1,2,3-Trichloropropane

Concen: 1.049 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU031820.D

Acq: 08 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

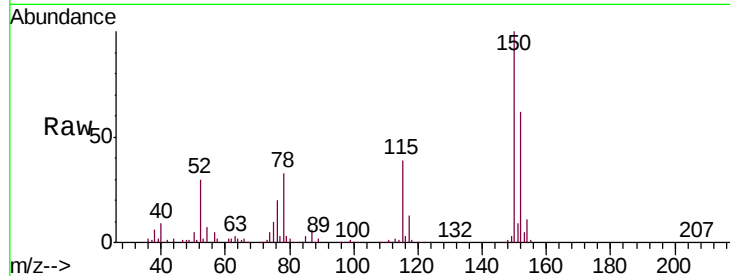
VBLK11

Tgt Ion: 75 Resp: 20595

Ion Ratio Lower Upper

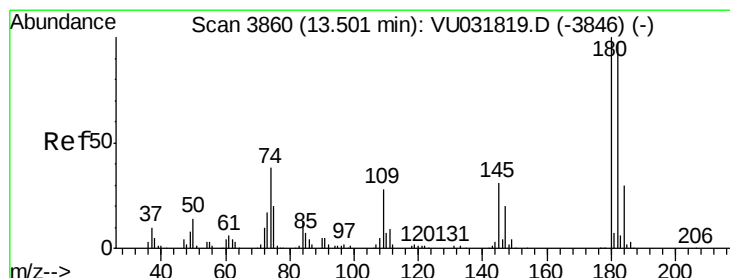
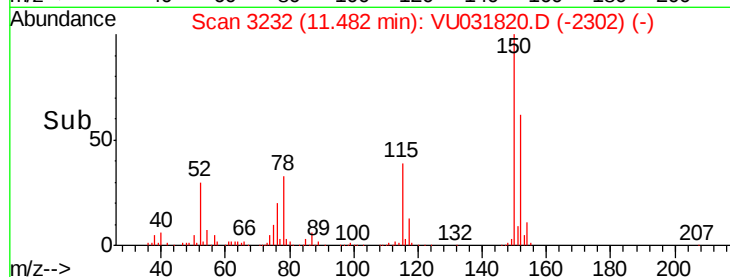
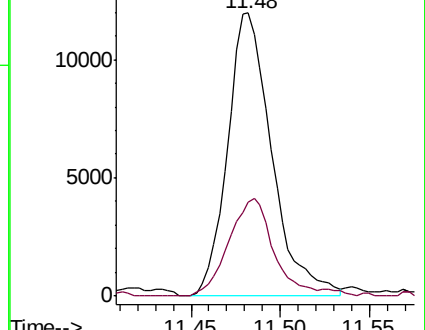
75 100

77 35.0 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU031819.D (-2910) (-)

Ion 77.00 (76.70 to 77.70): VU031819.D (-2910) (-)



#68

1,2,4-trichlorobenzene

Concen: 0.153 ug/L

RT: 13.51 min Scan# 3864

Delta R.T. 0.01 min

Lab File: VU031820.D

Acq: 08 May 2019 13:23

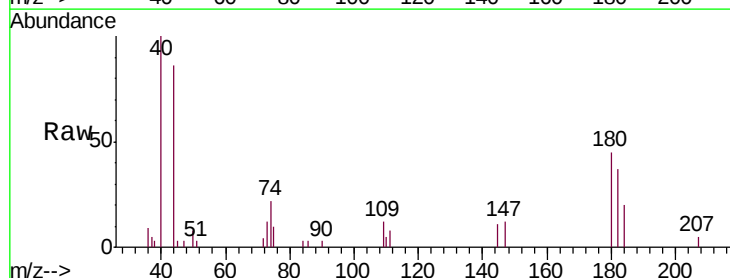
Tgt Ion: 180 Resp: 3671

Ion Ratio Lower Upper

180 100

182 80.9 74.8 112.2

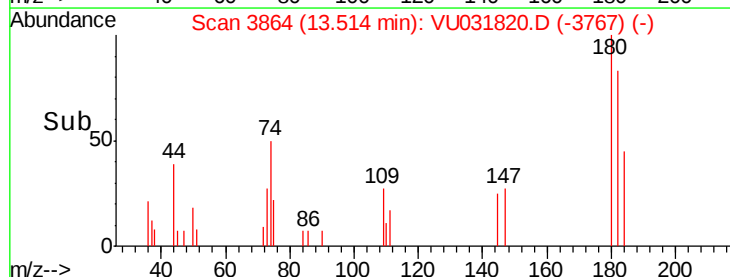
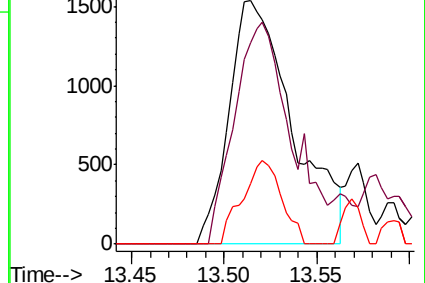
145 21.1 25.4 38.2#

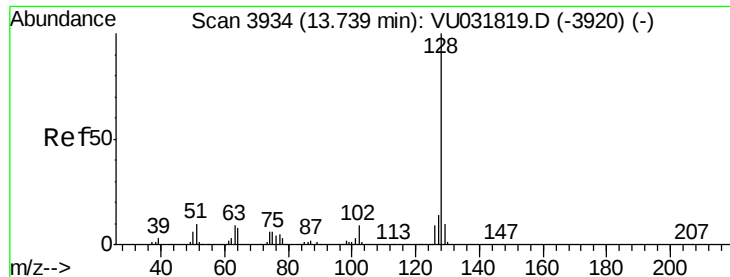


Abundance Ion 179.90 (179.60 to 180.60): VU031819.D (-3846) (-)

Ion 182.00 (181.70 to 182.70): VU031819.D (-3846) (-)

Ion 144.95 (144.65 to 145.65): VU031819.D (-3846) (-)





#69

Naphthalene

Concen: 0.143 ug/L

RT: 13.76 min Scan# 3940

Delta R.T. 0.02 min

Lab File: VU031820.D

Acq: 08 May 2019 13:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK11

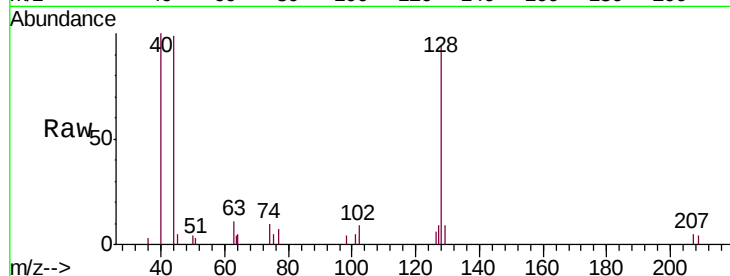
Tgt Ion:128 Resp: 5872

Ion Ratio Lower Upper

128 100

129 8.0 8.0 12.0#

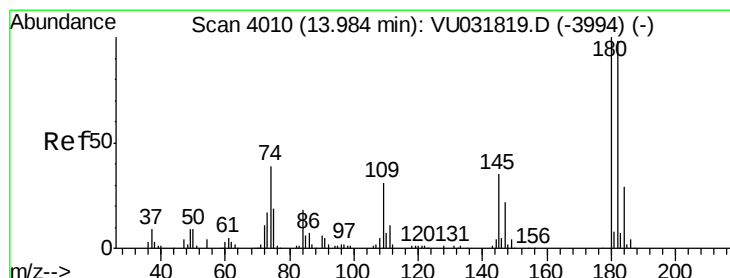
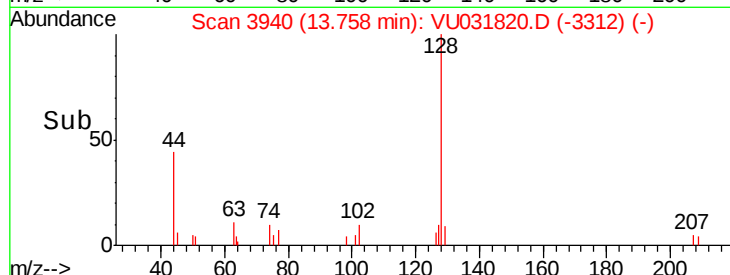
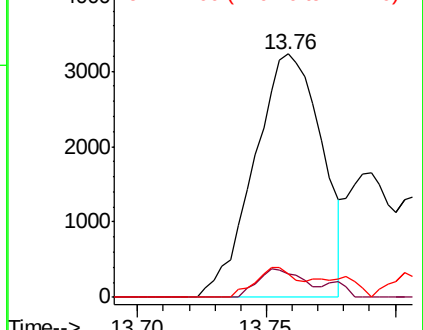
127 7.5 10.7 16.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.149 ug/L

RT: 13.99 min Scan# 4013

Delta R.T. 0.01 min

Lab File: VU031820.D

Acq: 08 May 2019 13:23

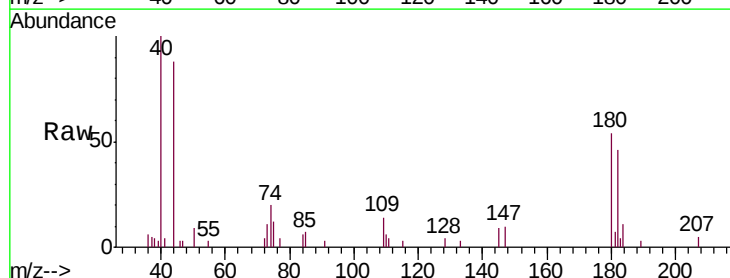
Tgt Ion:180 Resp: 3318

Ion Ratio Lower Upper

180 100

182 140.0 78.4 117.6#

145 12.3 27.4 41.0#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

