

Data File : VU030537.D
Acq On : 29 Mar 2019 12:19
Operator : JC/SP
Sample : VU0329WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK01

Quant Time: Mar 30 01:12:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Mar 30 00:57:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	218669	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	221075	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91464	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82530	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.68	69	69802	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.60%
11) 1,1-Dichloroethene-d2	2.27	63	124614	3.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.80%
20) 2-Butanone-d5	4.22	46	213376	49.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	4.65	84	135023	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.31	65	73941	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.34	84	277425	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	96199	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.56	98	236002	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	7.85	79	31457	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.32	63	145674	46.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.40%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65710	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	75523	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

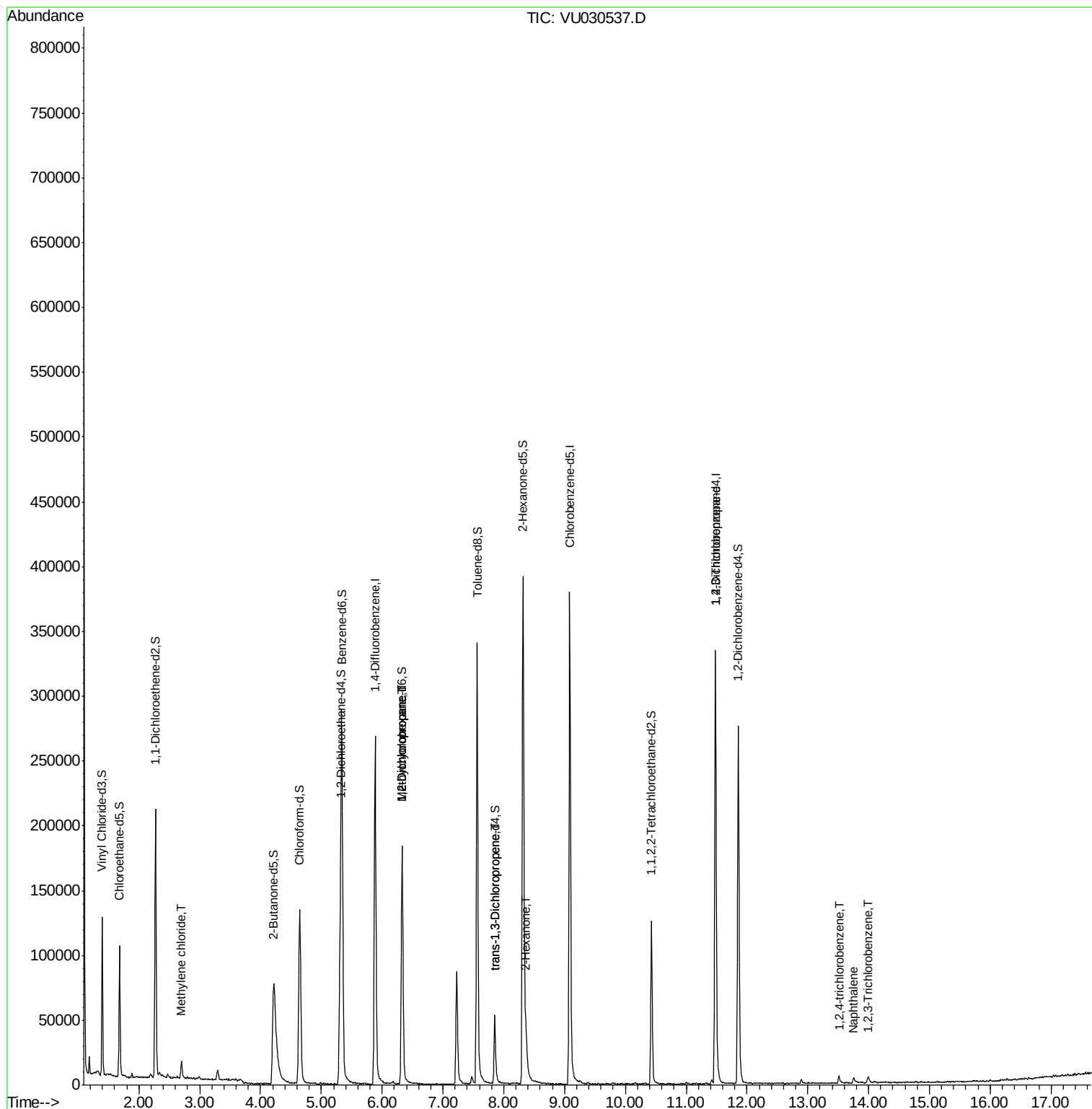
						Qvalue
16) Methylene chloride	2.70	84	5582	0.300	ug/L	97
35) Methylcyclohexane	6.33	83	20512	0.687	ug/L #	14
37) 1,2-Dichloropropane	6.33	63	9872	0.480	ug/L #	91
44) trans-1,3-Dichloropropene	7.85	75	1709	0.080	ug/L	86
48) 2-Hexanone	8.37	43	19418	2.183	ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	12606	1.096	ug/L	93
68) 1,2,4-trichlorobenzene	13.51	180	2342	0.141	ug/L	92
69) Naphthalene	13.75	128	4506	0.169	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.99	180	2408	0.155	ug/L #	91

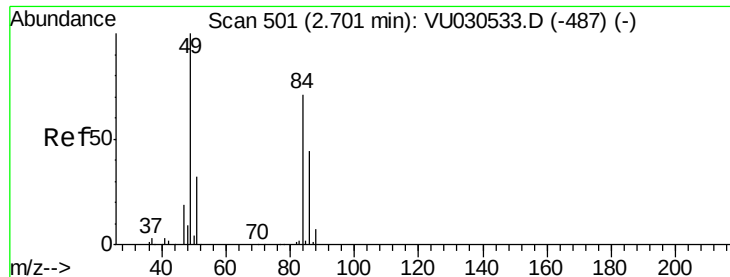
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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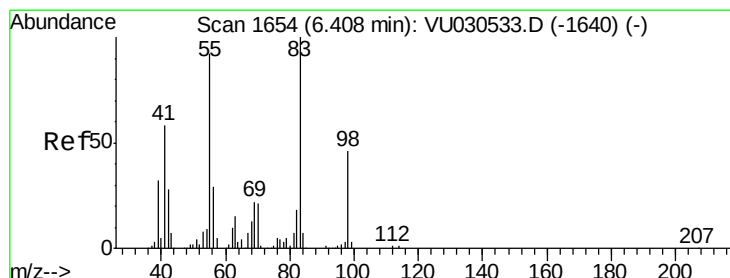
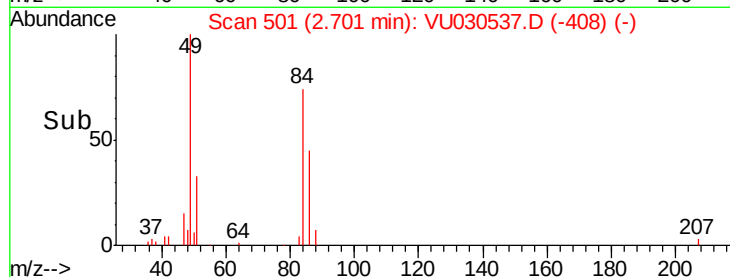
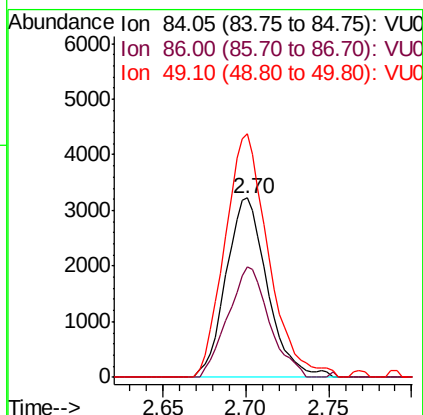
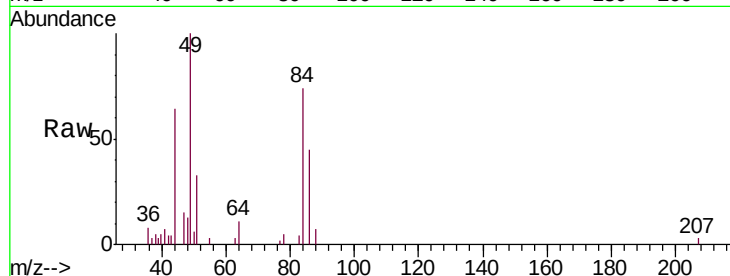




#16
Methylene chloride
Concen: 0.300 ug/L
RT: 2.70 min Scan# 501
Delta R.T. -0.00 min
Lab File: VU030537.D
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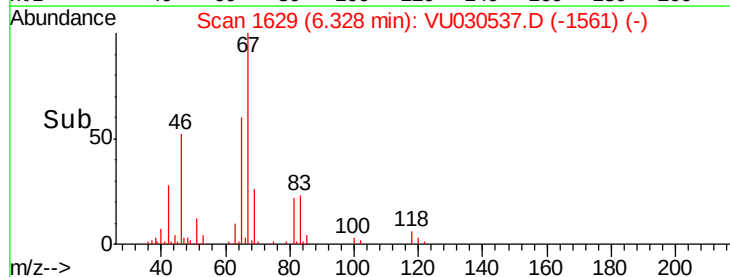
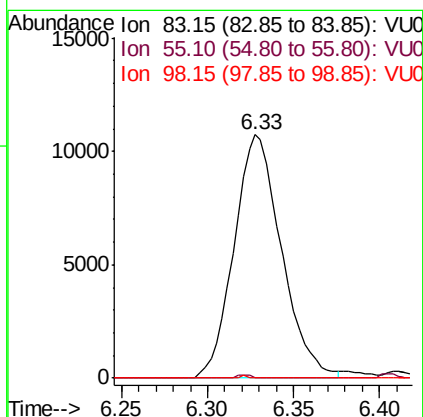
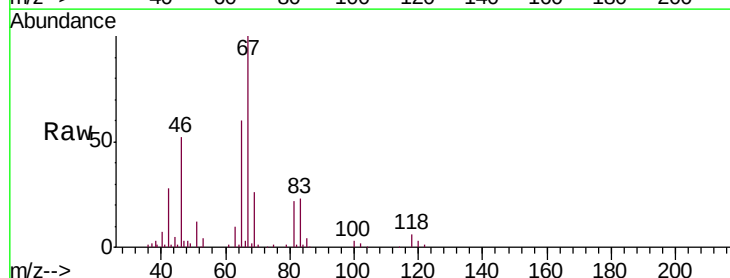
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MSVOA_U
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VBLK01

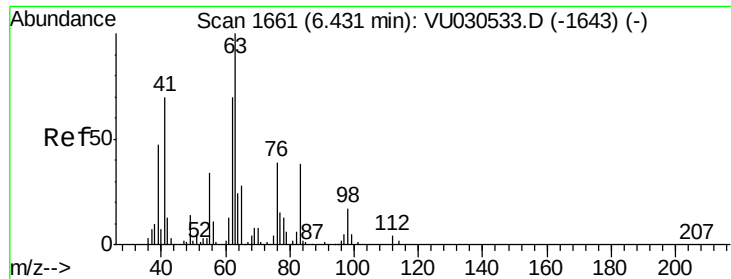
Tgt Ion: 84 Resp: 5582
Ion Ratio Lower Upper
84 100
86 61.3 43.4 80.6
49 135.8 98.5 182.9



#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU030537.D
Acq: 29 Mar 2019 12:19

Tgt Ion: 83 Resp: 20512
Ion Ratio Lower Upper
83 100
55 0.4 72.6 108.8#
98 0.1 35.0 52.6#

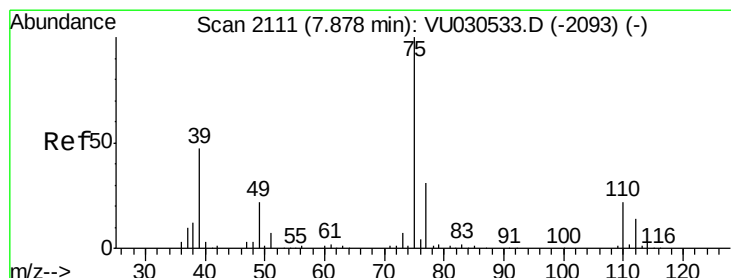
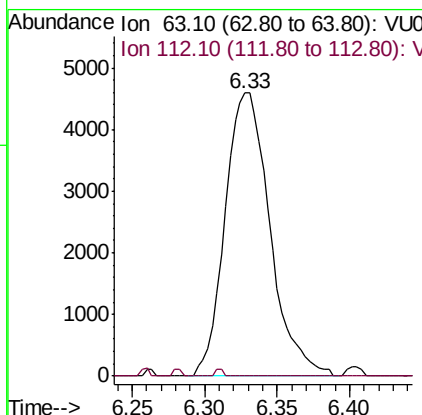
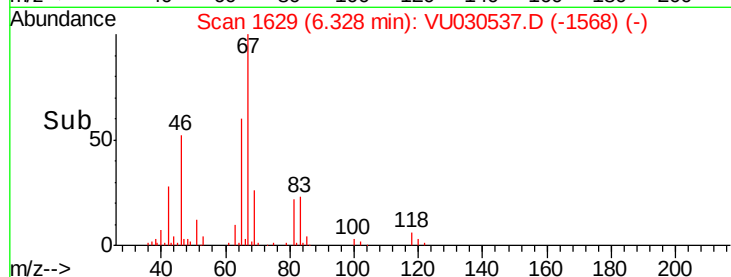
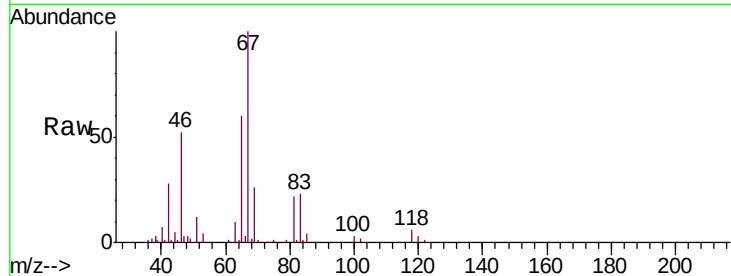




#37
 1,2-Dichloropropane
 Concen: 0.480 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU030537.D
 Acq: 29 Mar 2019 12:19

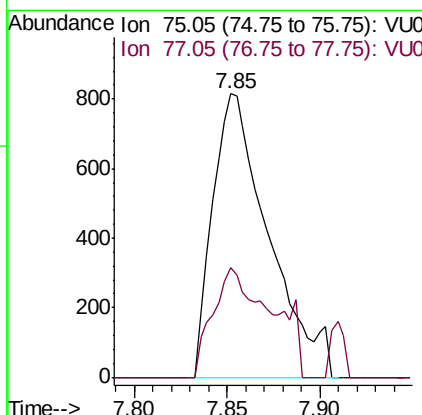
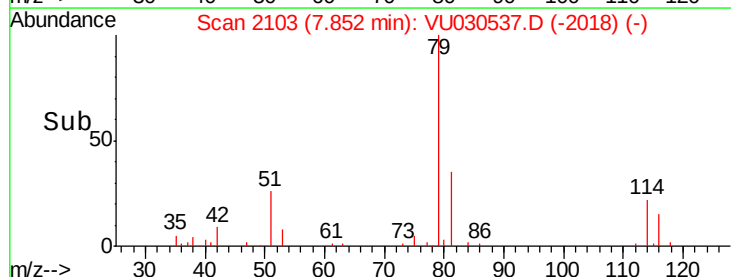
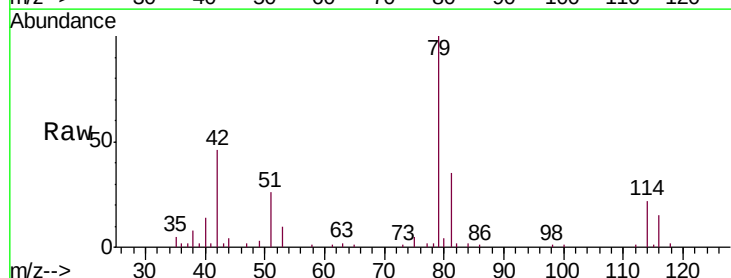
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK01

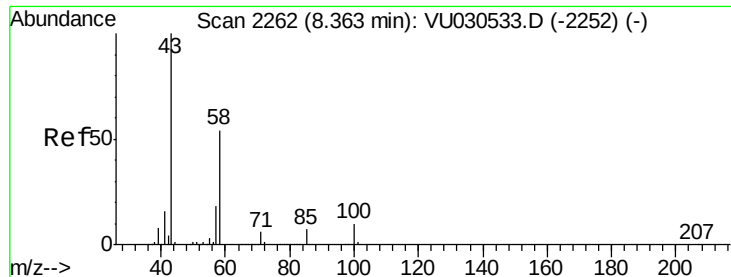
Tgt Ion: 63 Resp: 9872
 Ion Ratio Lower Upper
 63 100
 112 0.4 2.8 4.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.03 min
 Lab File: VU030537.D
 Acq: 29 Mar 2019 12:19

Tgt Ion: 75 Resp: 1709
 Ion Ratio Lower Upper
 75 100
 77 38.7 21.6 40.0





#48

2-Hexanone

Concen: 2.183 ug/L

RT: 8.37 min Scan# 2263

Delta R.T. 0.00 min

Lab File: VU030537.D

Acq: 29 Mar 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

VBLK01

Tgt Ion: 43 Resp: 19418

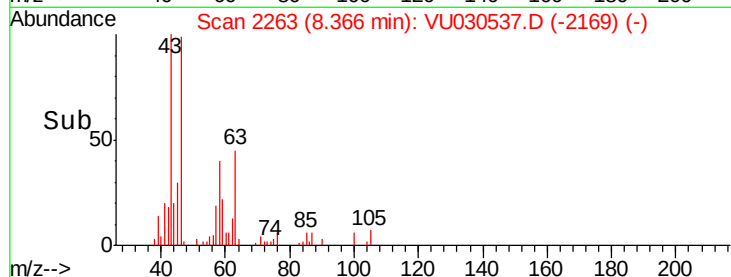
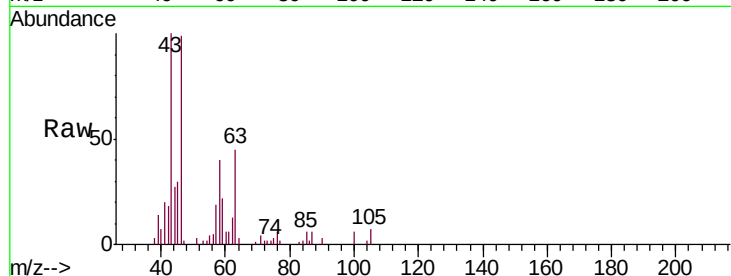
Ion Ratio Lower Upper

43 100

58 39.8 42.5 63.7#

57 14.0 13.9 20.9

100 5.6 7.1 10.7#

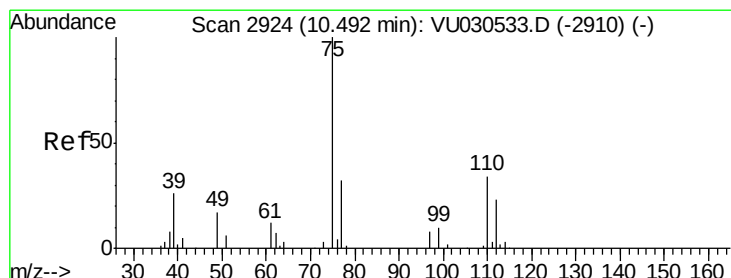
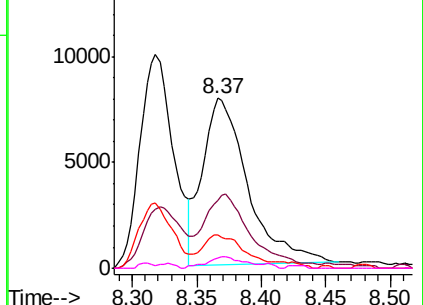


Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0



#59

1,2,3-Trichloropropane

Concen: 1.096 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU030537.D

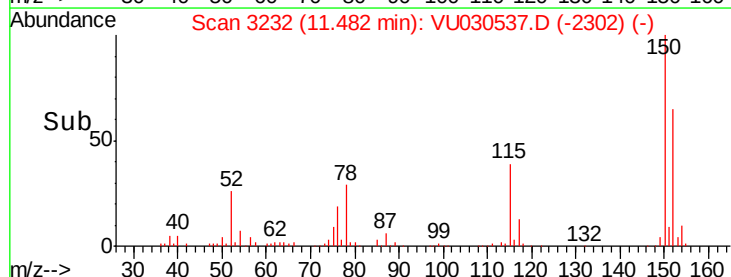
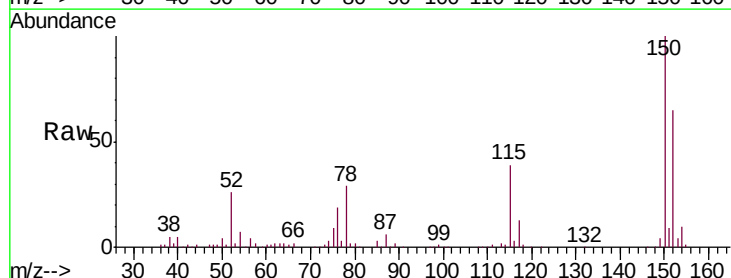
Acq: 29 Mar 2019 12:19

Tgt Ion: 75 Resp: 12606

Ion Ratio Lower Upper

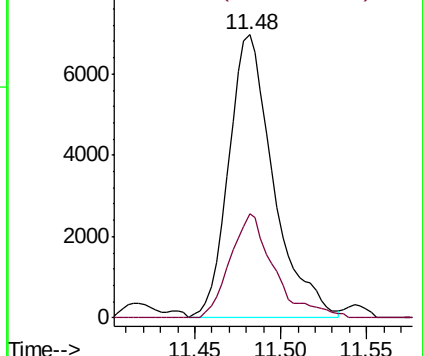
75 100

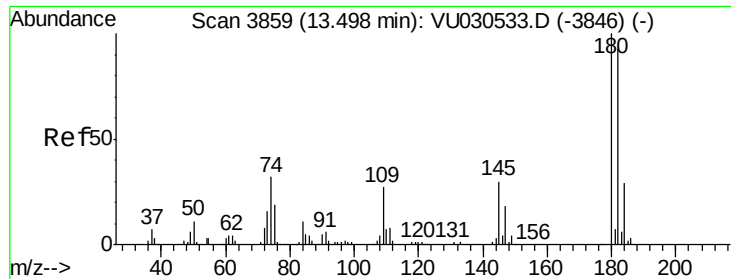
77 36.1 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

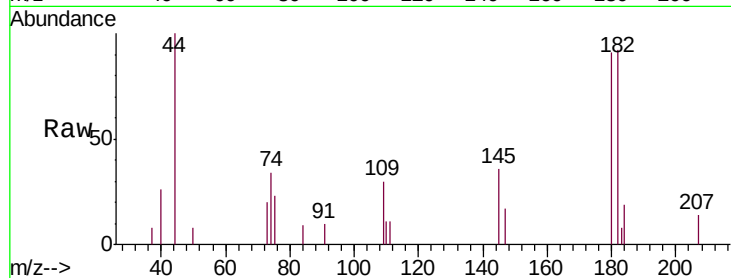




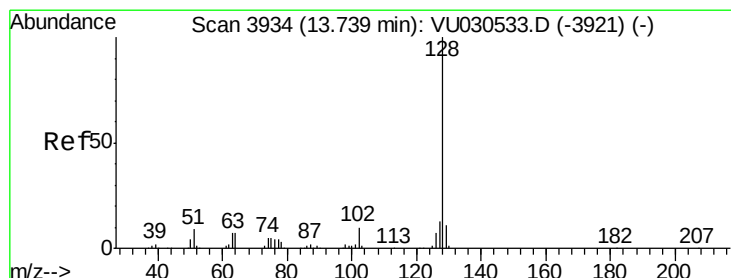
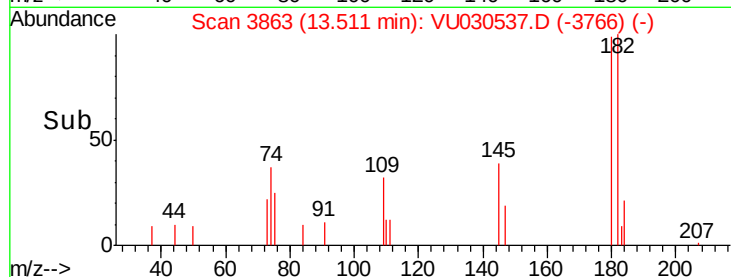
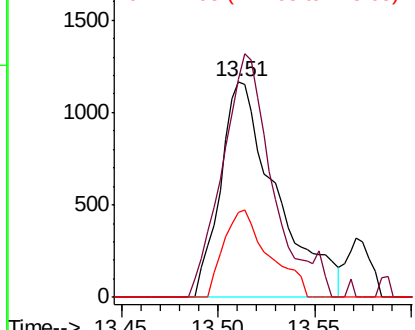
#68
 1,2,4-trichlorobenzene
 Concen: 0.141 ug/L
 RT: 13.51 min Scan# 3863
 Delta R.T. 0.01 min
 Lab File: VU030537.D
 Acq: 29 Mar 2019 12:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK01

Tgt Ion:180 Resp: 2342
 Ion Ratio Lower Upper
 180 100
 182 101.9 74.6 111.8
 145 32.7 23.6 35.4

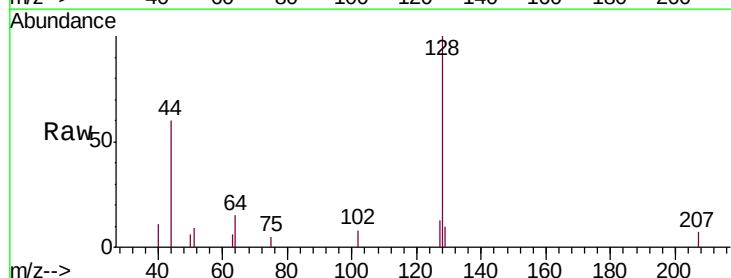


Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V

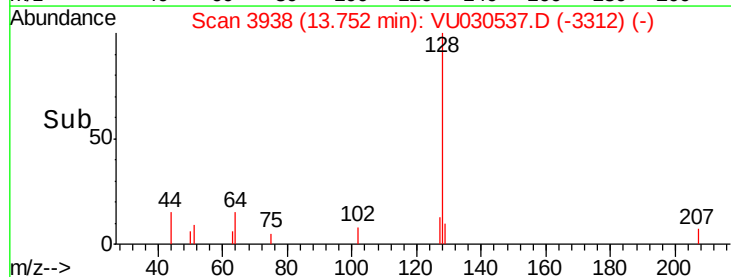
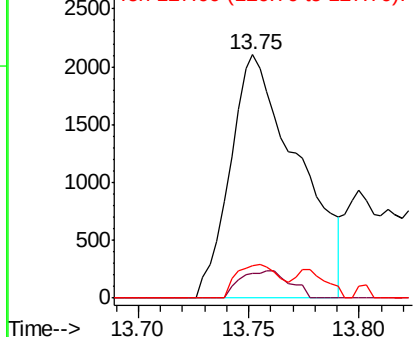


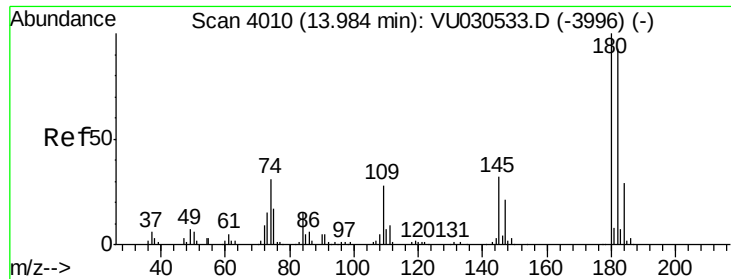
#69
 Naphthalene
 Concen: 0.169 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU030537.D
 Acq: 29 Mar 2019 12:19

Tgt Ion:128 Resp: 4506
 Ion Ratio Lower Upper
 128 100
 129 8.1 8.3 12.5#
 127 8.7 10.5 15.7#



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: 0.155 ug/L
 RT: 13.99 min Scan# 4012
 Delta R.T. 0.01 min
 Lab File: VU030537.D
 Acq: 29 Mar 2019 12:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK01

Tgt Ion:180 Resp: 2408
 Ion Ratio Lower Upper
 180 100
 182 91.8 76.8 115.2
 145 20.7 26.7 40.1#

