

Data File : VU039823.D
Acq On : 10 Aug 2020 14:23
Operator : SY/MD
Sample : VU0810WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK17

Quant Time: Aug 11 01:14:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Aug 10 09:26:04 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	78602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	23315	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	1.92	69	21266	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.57	63	36075	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.65	46	79600	42.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.80%
24) Chloroform-d	5.08	84	46810	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.72	65	28371	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.74	84	91325	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.70	67	29543	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.90	98	75396	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.18	79	10363	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.64	63	55831	42.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.04%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	24673	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	33161	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

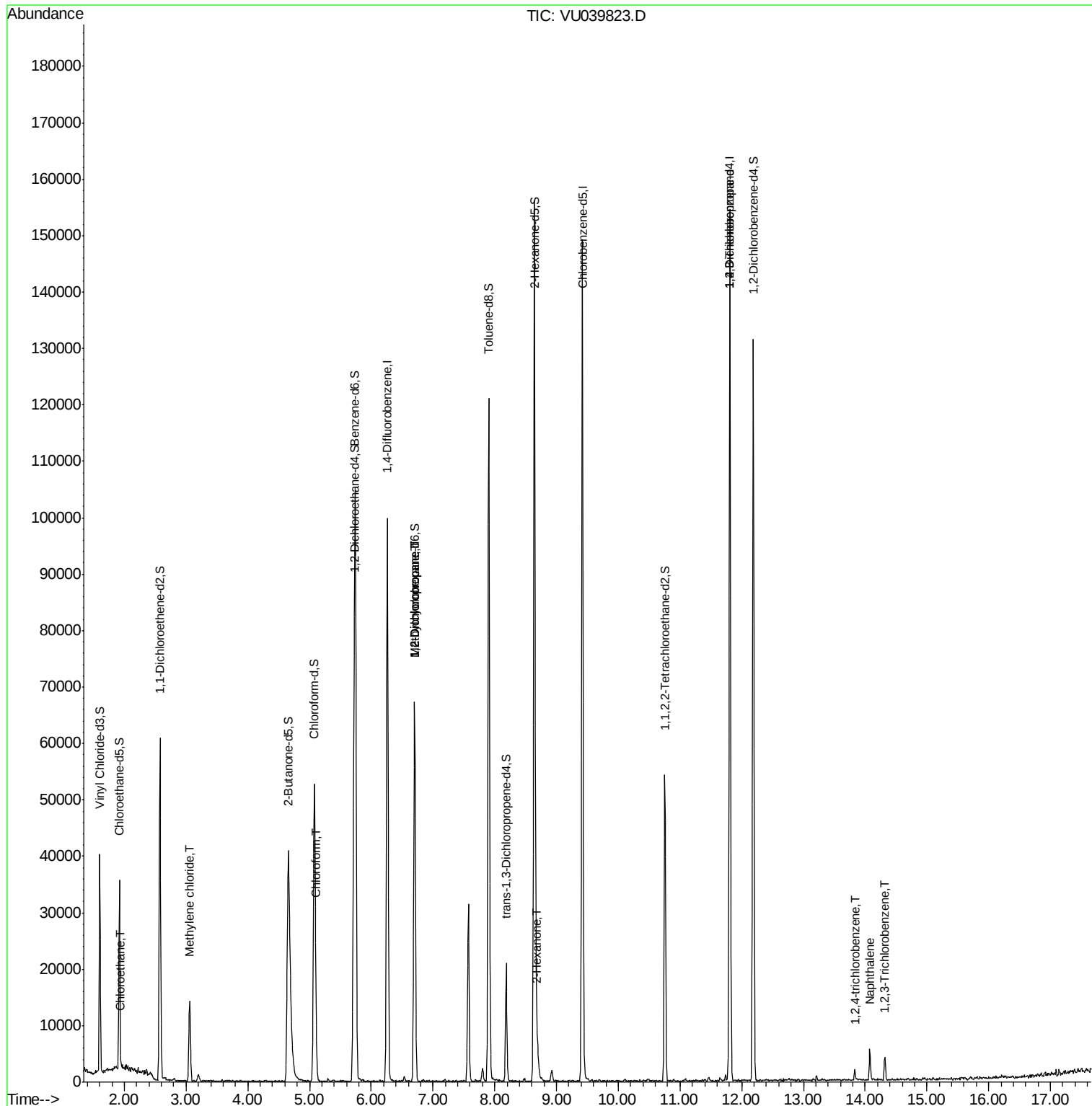
					Qvalue
8) Chloroethane	1.95	64	598	0.128 ug/L #	43
16) Methylene chloride	3.06	84	6362	0.847 ug/L	85
25) Chloroform	5.11	83	2864	0.278 ug/L	98
35) Methylcyclohexane	6.70	83	6923	0.780 ug/L #	19
37) 1,2-Dichloropropane	6.70	63	3614	0.635 ug/L #	86
48) 2-Hexanone	8.69	43	2931	0.955 ug/L #	87
59) 1,2,3-Trichloropropane	11.81	75	5232	1.275 ug/L #	86
68) 1,2,4-Trichlorobenzene	13.83	180	866	0.121 ug/L #	89
69) Naphthalene	14.08	128	4082	0.320 ug/L #	96
70) 1,2,3-Trichlorobenzene	14.32	180	1571	0.245 ug/L	97

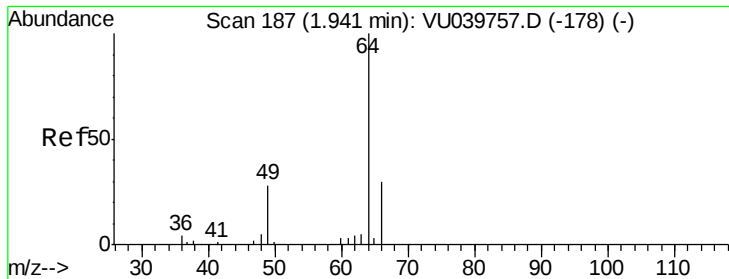
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.128 ug/L

RT: 1.95 min Scan# 190

Delta R.T. 0.01 min

Lab File: VU039823.D

Acq: 10 Aug 2020 14:23

Instrument :

MSVOA_U

ClientSampleId :

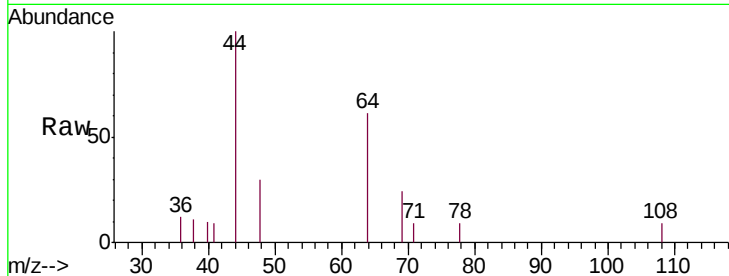
VBLK17

Tgt Ion: 64 Resp: 598

Ion Ratio Lower Upper

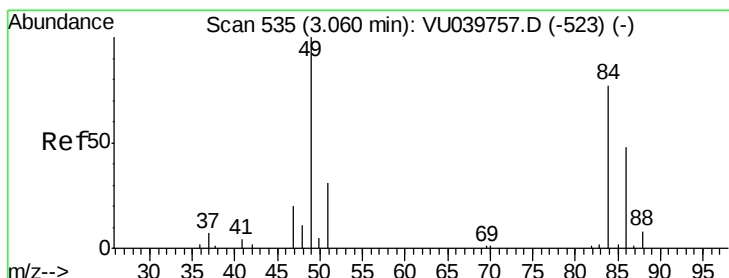
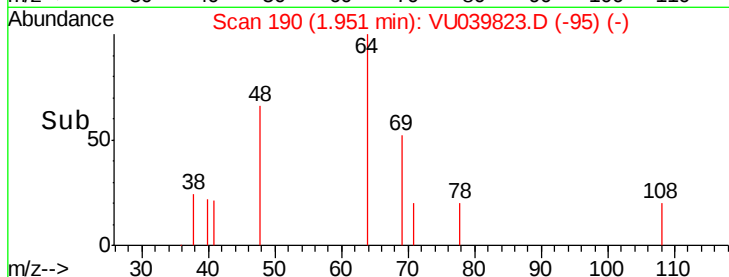
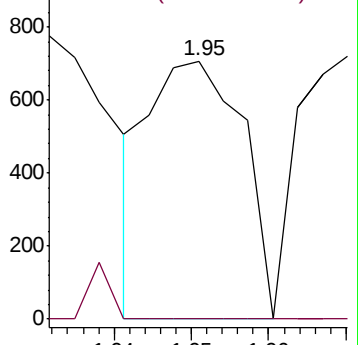
64 100

66 0.0 22.3 41.3#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#16

Methylene chloride

Concen: 0.847 ug/L

RT: 3.06 min Scan# 534

Delta R.T. -0.01 min

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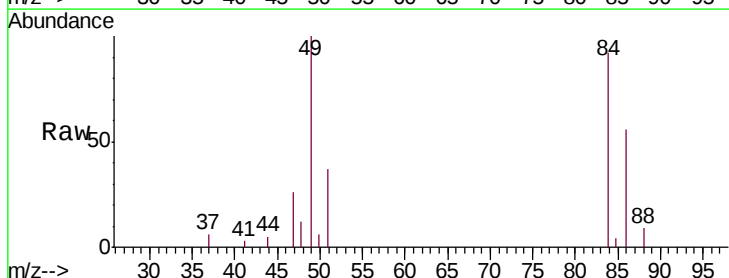
Tgt Ion: 84 Resp: 6362

Ion Ratio Lower Upper

84 100

86 61.0 43.9 81.5

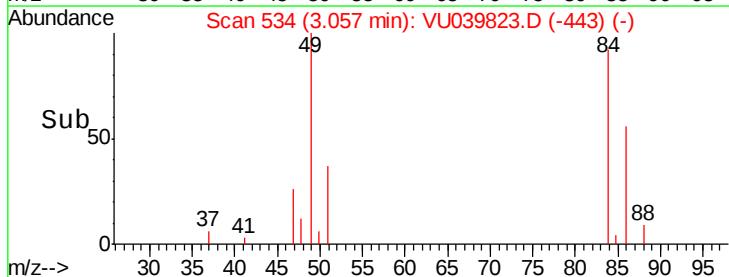
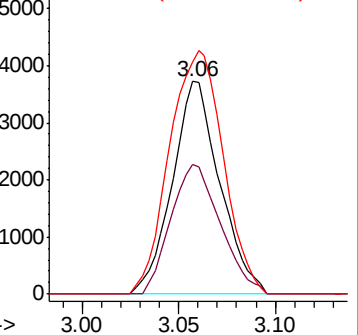
49 109.2 94.4 175.4

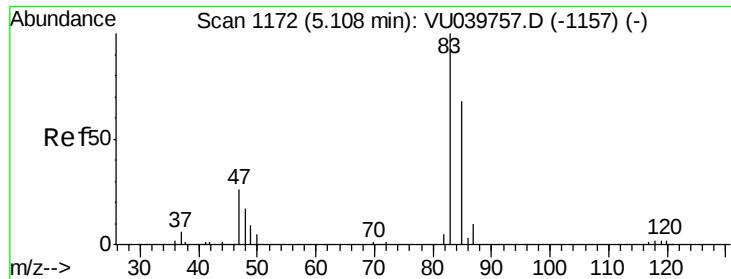


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

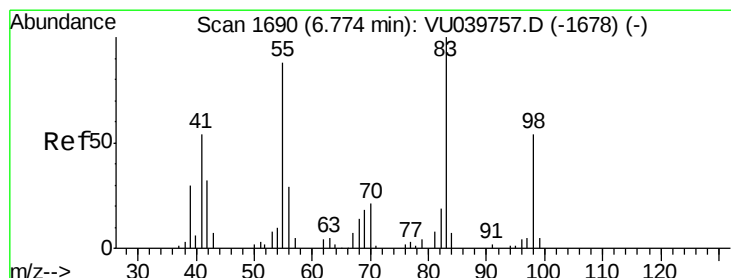
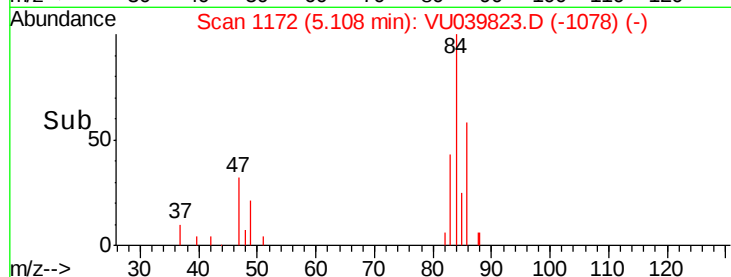
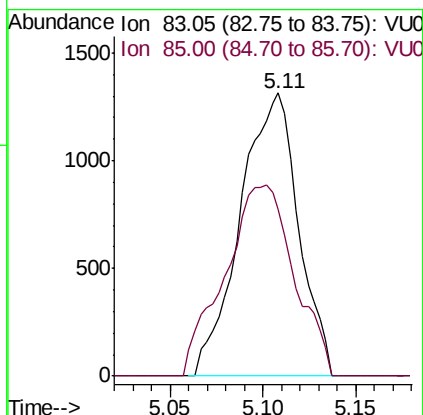
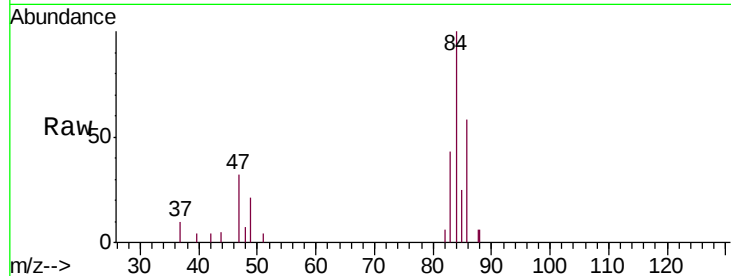




#25
Chloroform
Concen: 0.278 ug/L
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039823.D
Acq: 10 Aug 2020 14:23

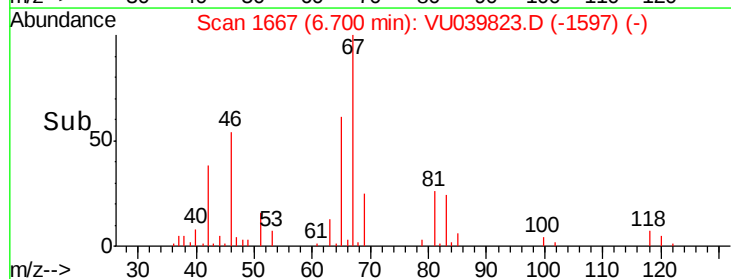
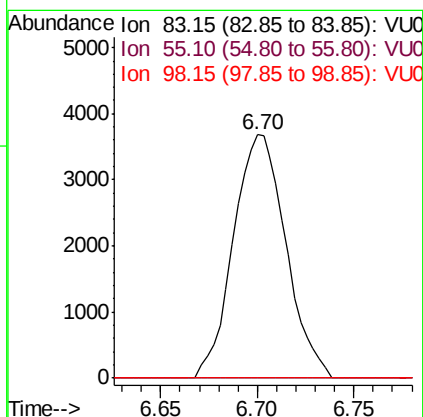
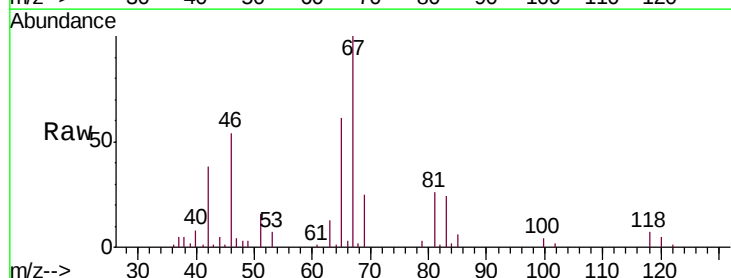
Instrument :
MSVOA_U
ClientSampled :
VBLK17

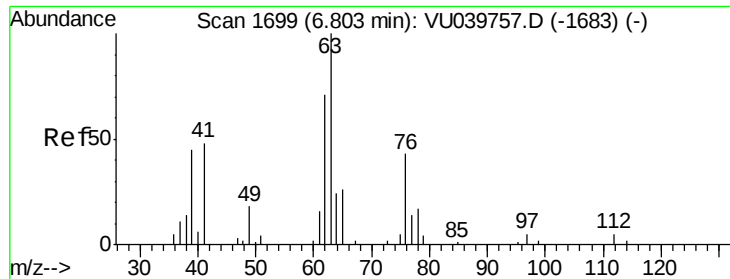
Tgt Ion: 83 Resp: 2864
Ion Ratio Lower Upper
83 100
85 59.0 42.1 78.3



#35
Methylcyclohexane
Concen: 0.780 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU039823.D
Acq: 10 Aug 2020 14:23

Tgt Ion: 83 Resp: 6923
Ion Ratio Lower Upper
83 100
55 0.0 59.4 89.0#
98 0.3 39.0 58.4#

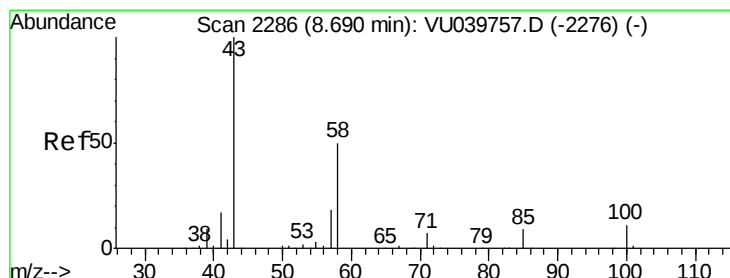
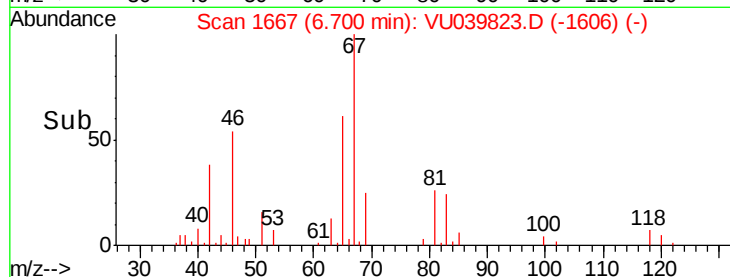
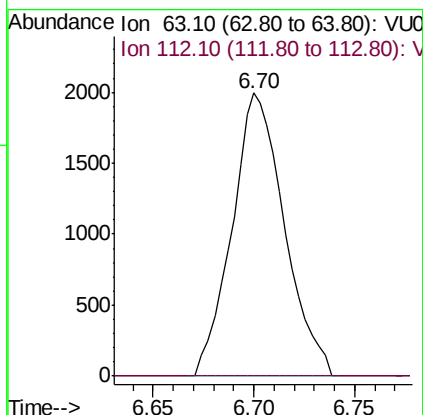
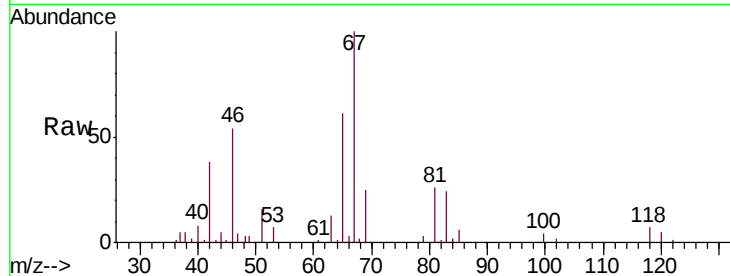




#37
 1,2-Dichloropropane
 Concen: 0.635 ug/L
 RT: 6.70 min Scan# 1667
 Delta R.T. -0.10 min
 Lab File: VU039823.D
 Acq: 10 Aug 2020 14:23

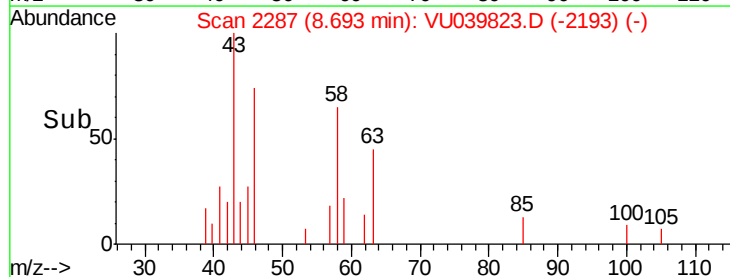
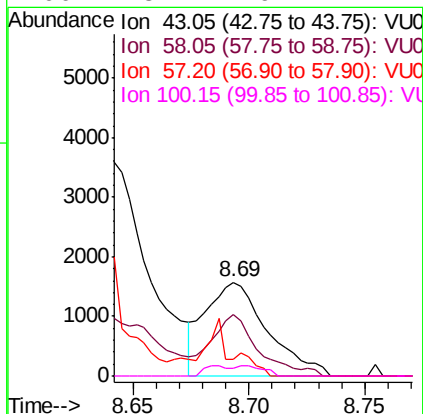
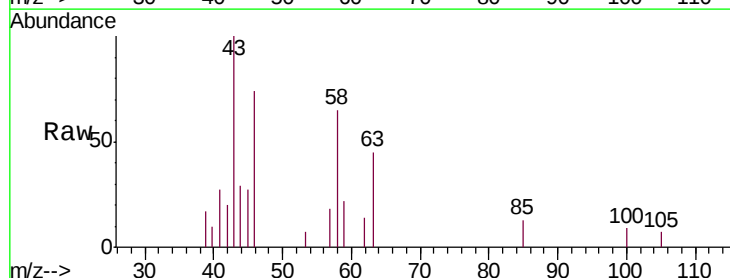
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

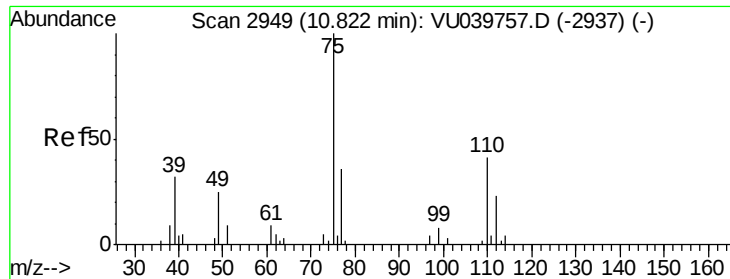
Tgt Ion: 63 Resp: 3614
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#48
 2-Hexanone
 Concen: 0.955 ug/L
 RT: 8.69 min Scan# 2287
 Delta R.T. 0.00 min
 Lab File: VU039823.D
 Acq: 10 Aug 2020 14:23

Tgt Ion: 43 Resp: 2931
 Ion Ratio Lower Upper
 43 100
 58 50.3 41.8 62.8
 57 0.0 14.2 21.4#
 100 5.4 9.4 14.2#

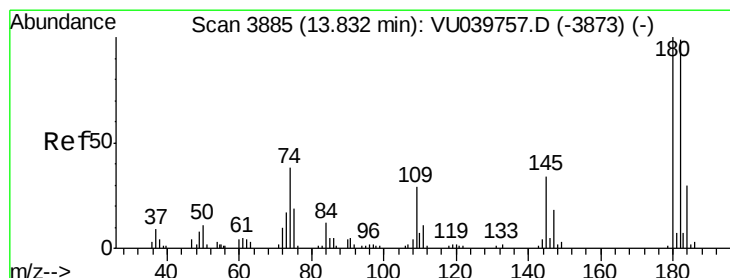
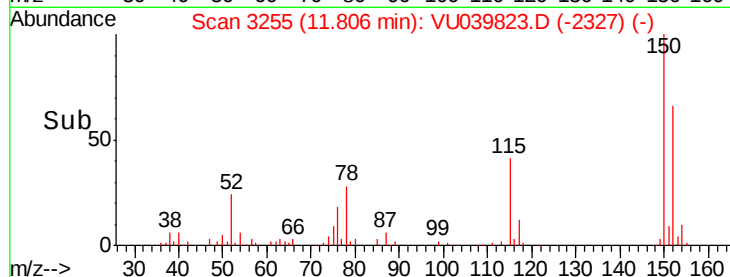
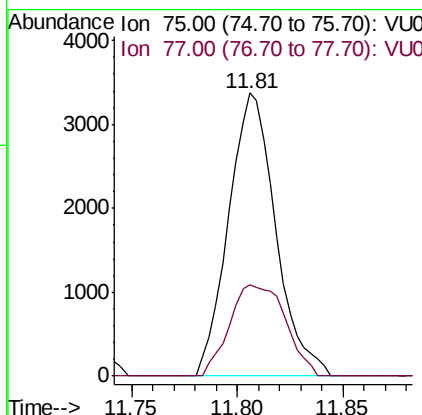
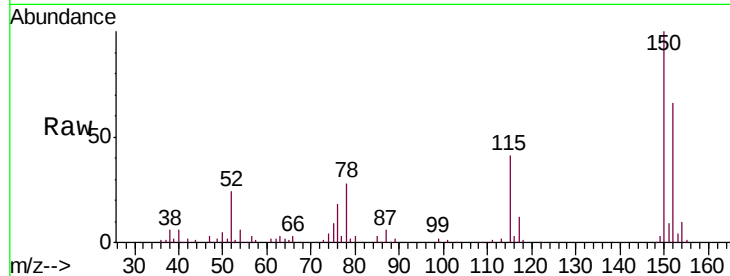




#59
 1,2,3-Trichloropropane
 Concen: 1.275 ug/L
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.98 min
 Lab File: VU039823.D
 Acq: 10 Aug 2020 14:23

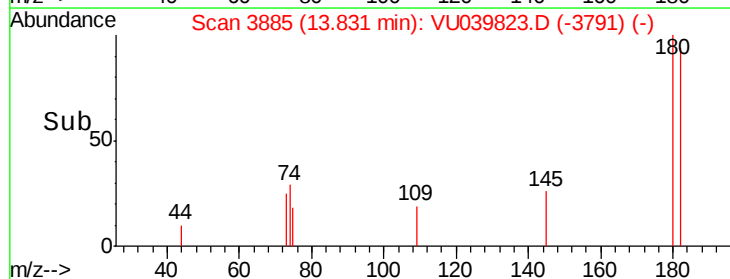
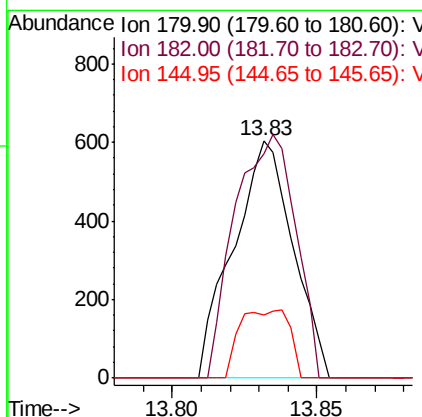
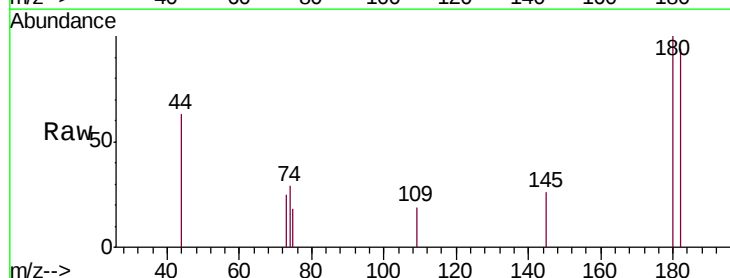
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK17

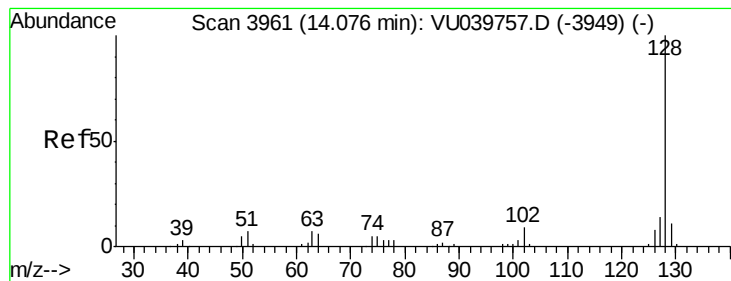
Tgt Ion: 75 Resp: 5232
 Ion Ratio Lower Upper
 75 100
 77 38.3 24.6 37.0#



#68
 1,2,4-trichlorobenzene
 Concen: 0.121 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039823.D
 Acq: 10 Aug 2020 14:23

Tgt Ion: 180 Resp: 866
 Ion Ratio Lower Upper
 180 100
 182 104.3 75.7 113.5
 145 24.0 25.1 37.7#





#69

Naphthalene

Concen: 0.320 ug/L

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU039823.D

Acq: 10 Aug 2020 14:23

Instrument :

MSVOA_U

ClientSampleId :

VBLK17

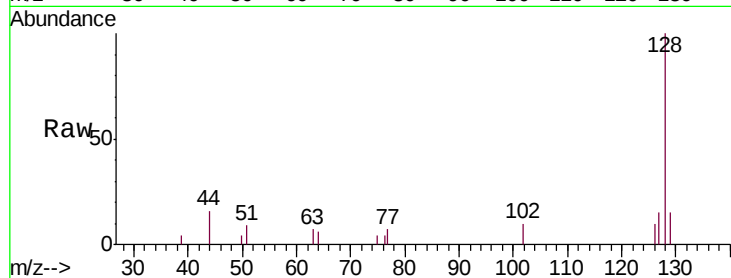
Tgt Ion:128 Resp: 4082

Ion Ratio Lower Upper

128 100

129 13.4 8.9 13.3#

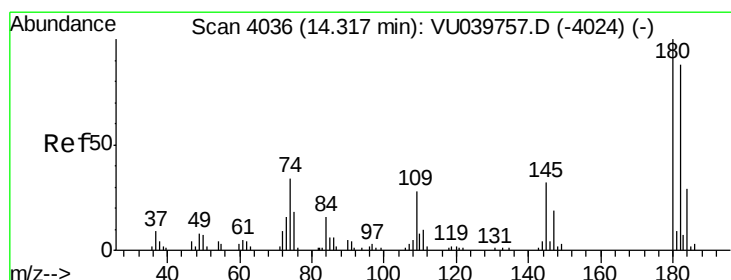
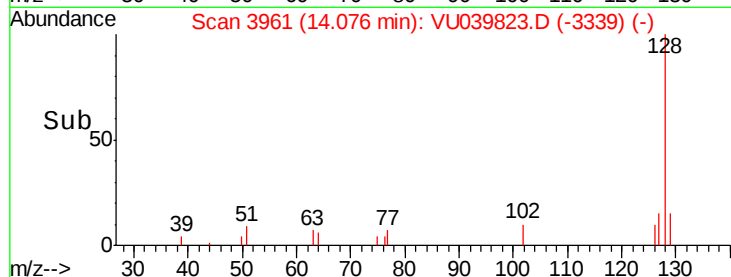
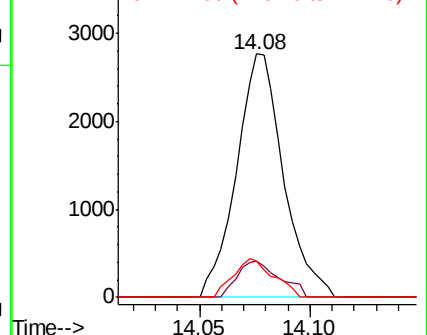
127 13.6 10.1 15.1



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: 0.245 ug/L

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU039823.D

Acq: 10 Aug 2020 14:23

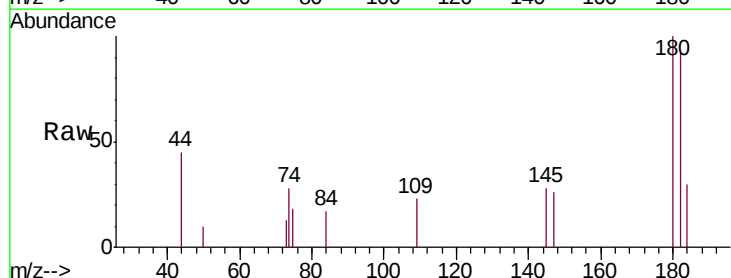
Tgt Ion:180 Resp: 1571

Ion Ratio Lower Upper

180 100

182 98.7 76.1 114.1

145 34.3 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

