

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111920\
 Data File : VU041340.D
 Acq On : 19 Nov 2020 13:48
 Operator : SY/MD
 Sample : VU1118WBL02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK26

Quant Time: Nov 20 05:57:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 20 05:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66035	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	67238	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	27134	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20073	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	18415	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.58	63	35773	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	4.66	46	91856	45.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.72%
24) Chloroform-d	5.08	84	52462	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.72	65	33641	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.74	84	93232	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.70	67	31357	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.90	98	79098	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.19	79	13134	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.64	63	64142	44.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.34%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	26920	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	29887	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

					Ovalue
3) Chloromethane	1.52	50	377	0.064 ug/L #	78
8) Chloroethane	1.96	64	124	0.033 ug/L #	43
16) Methylene chloride	3.06	84	683	0.127 ug/L	79
25) Chloroform	5.10	83	735	0.072 ug/L	96
33) Benzene	5.75	78	735	0.040 ug/L	100
35) Methylcyclohexane	6.70	83	7434	1.136 ug/L #	14
37) 1,2-Dichloropropane	6.70	63	3874	0.727 ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	882	0.119 ug/L	85
44) trans-1,3-Dichloropropene	8.19	75	613	0.087 ug/L #	77
48) 2-Hexanone	8.69	43	1998	0.607 ug/L #	92
59) 1,2,3-Trichloropropane	11.81	75	3517	0.837 ug/L #	81
63) 1,4-Dichlorobenzene	11.83	146	349	0.041 ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	439	0.091 ug/L #	79
69) Naphthalene	14.08	128	1393	0.178 ug/L #	69
70) 1,2,3-Trichlorobenzene	14.32	180	467	0.104 ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 20 05:56:10 2020
Response via : Initial Calibration

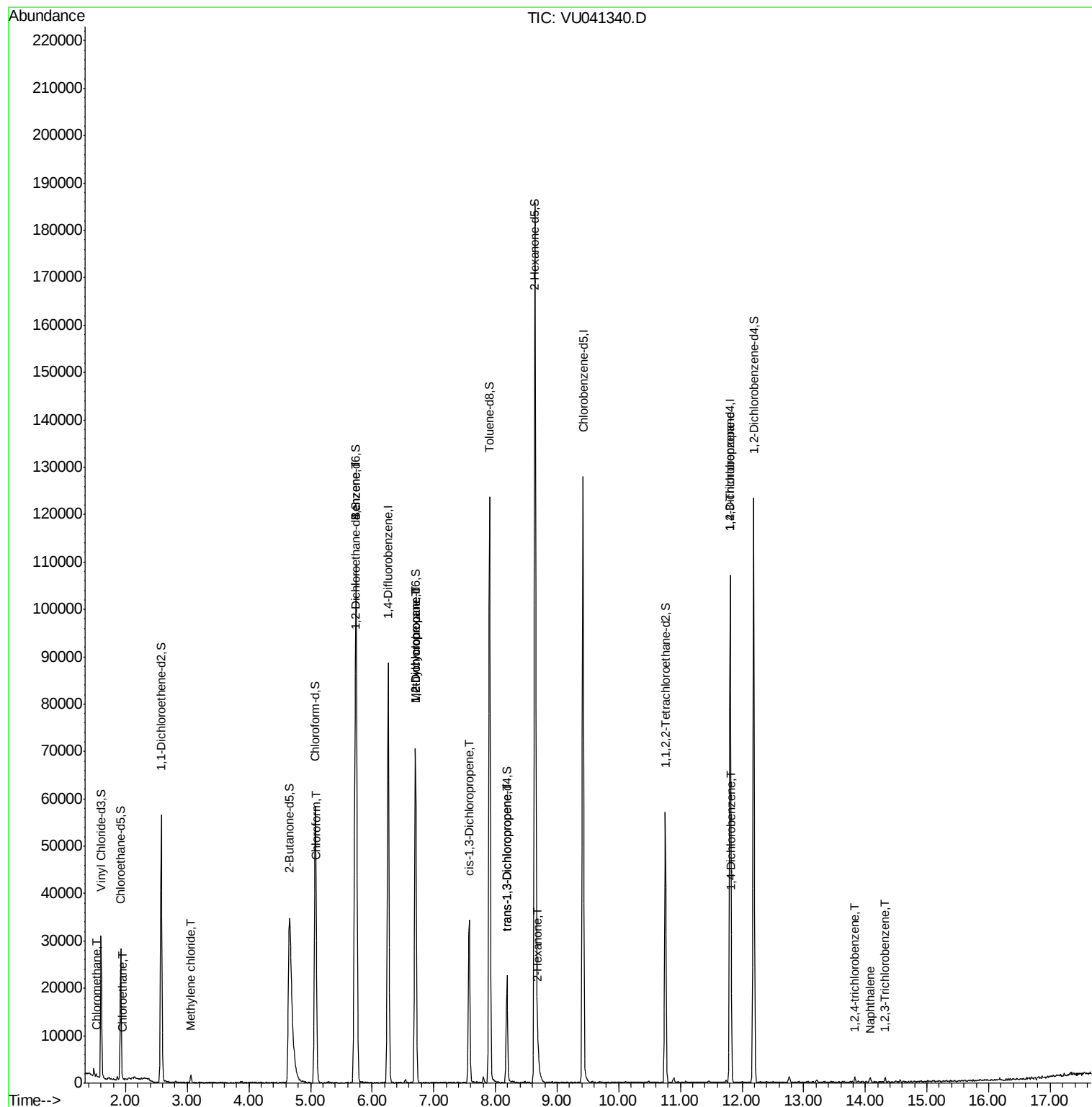
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

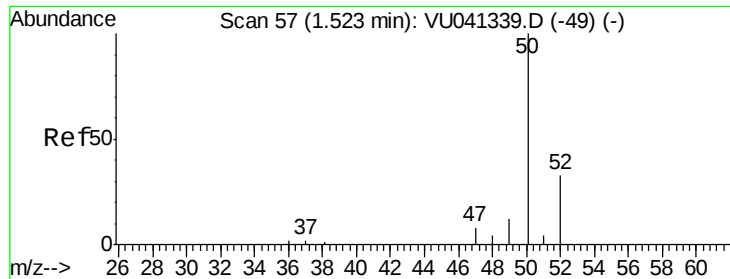
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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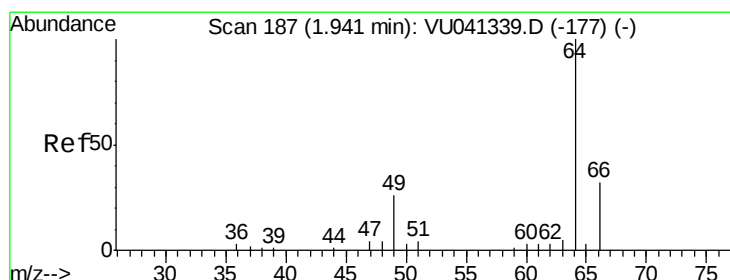
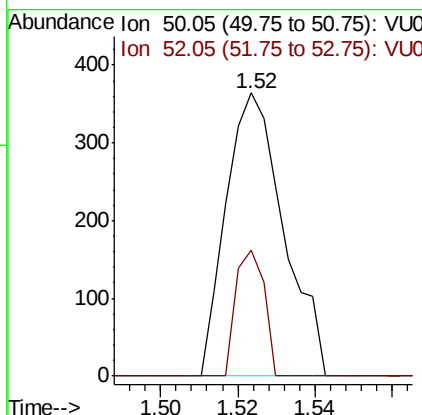
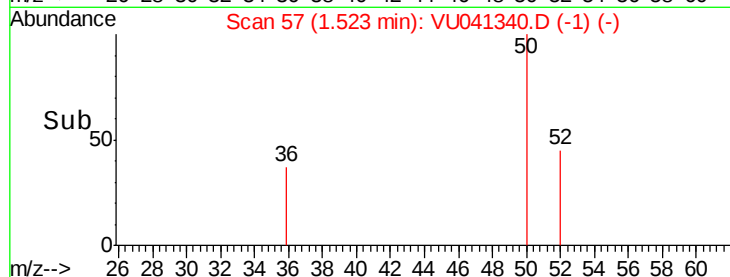
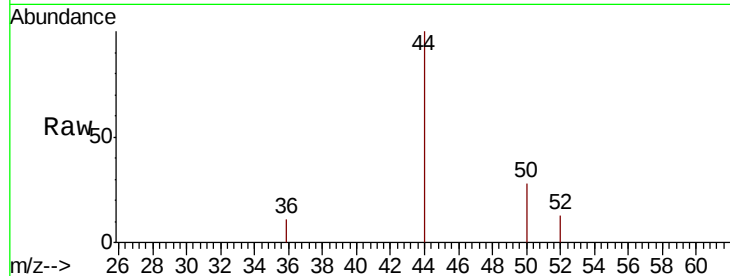




#3
Chloromethane
Concen: 0.064 ug/L
RT: 1.52 min Scan# 57
Delta R.T. 0.00 min
Lab File: VU041340.D
Acq: 19 Nov 2020 13:48

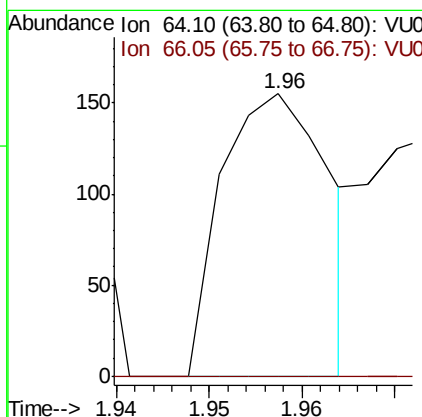
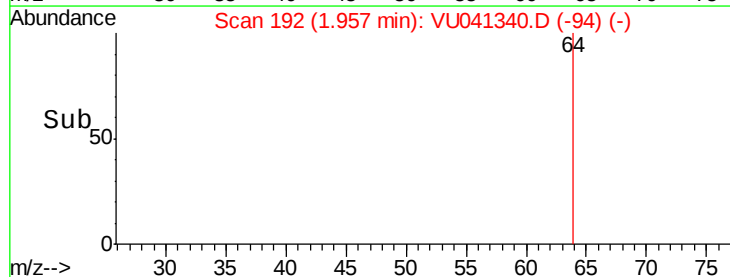
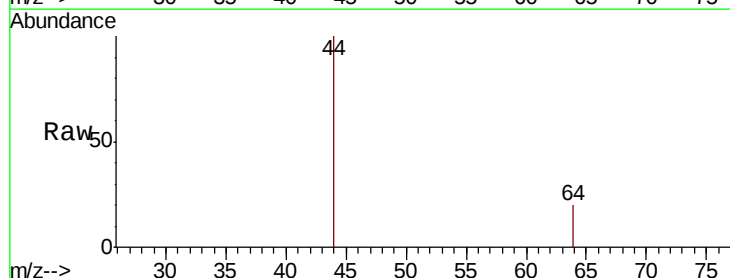
Instrument :
MSVOA_U
ClientSampleId :
VBLK26

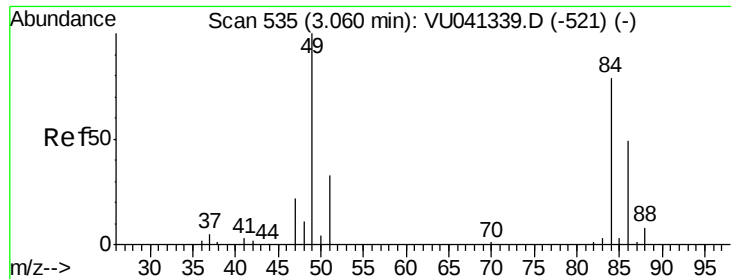
Tot Ion: 50 Resp: 377
Ion Ratio Lower Upper
50 100
52 44.5 22.4 41.6#



#8
Chloroethane
Concen: 0.033 ug/L
RT: 1.96 min Scan# 192
Delta R.T. 0.02 min
Lab File: VU041340.D
Acq: 19 Nov 2020 13:48

Tgt Ion: 64 Resp: 124
Ion Ratio Lower Upper
64 100
66 0.0 22.3 41.5#

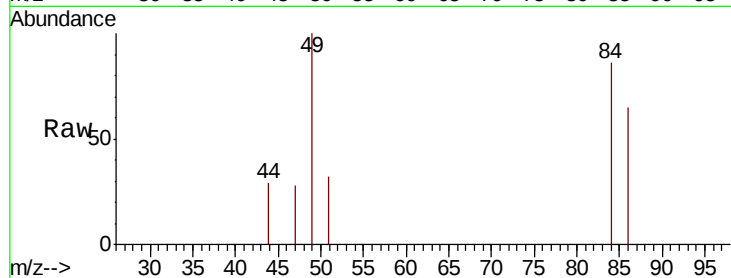




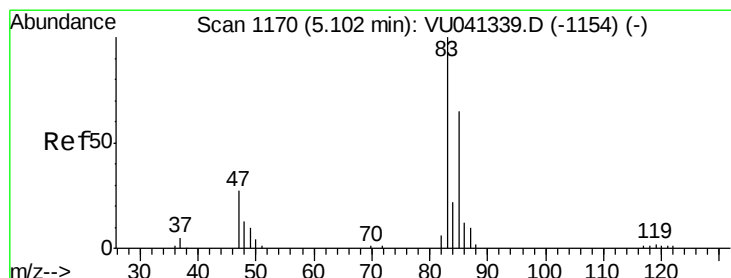
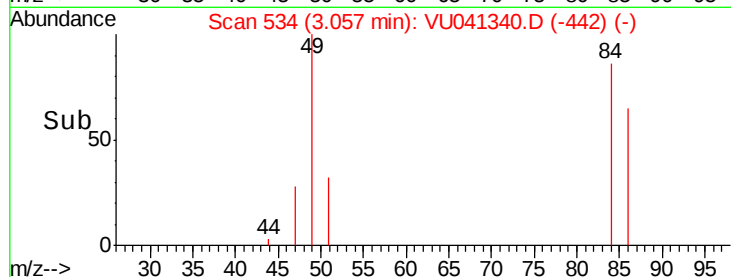
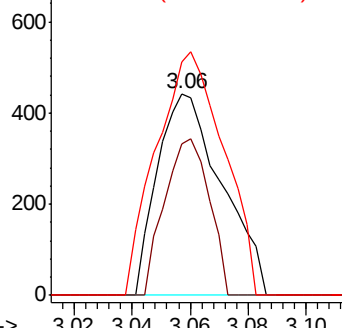
#16
Methylene chloride
Concen: 0.127 ug/L
RT: 3.06 min Scan# 534
Delta R.T. -0.00 min
Lab File: VU041340.D
Acq: 19 Nov 2020 13:48

Instrument :
MSVOA_U
ClientSampleId :
VBLK26

Tot Ion: 84 Resp: 683
Ion Ratio Lower Upper
84 100
86 75.3 42.8 79.6
49 115.8 99.5 184.7

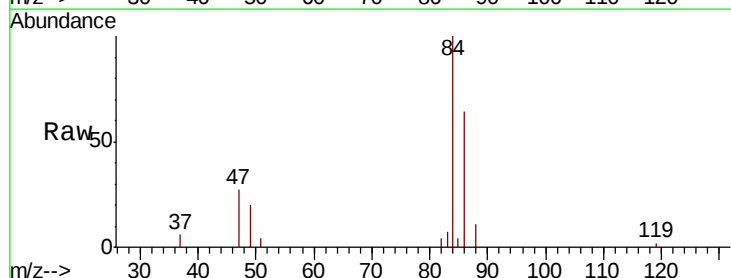


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

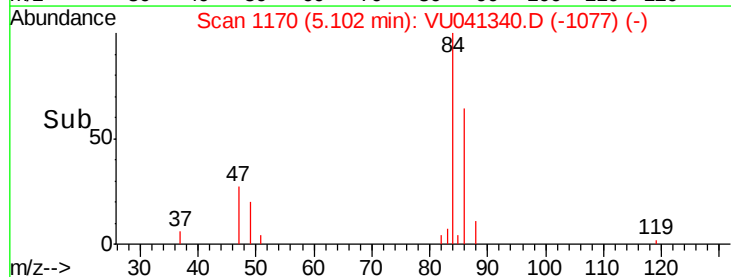
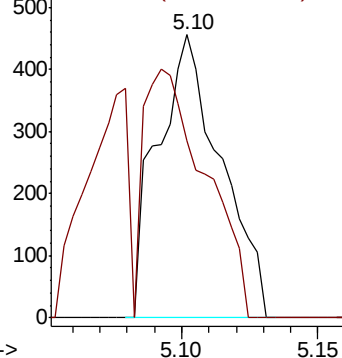


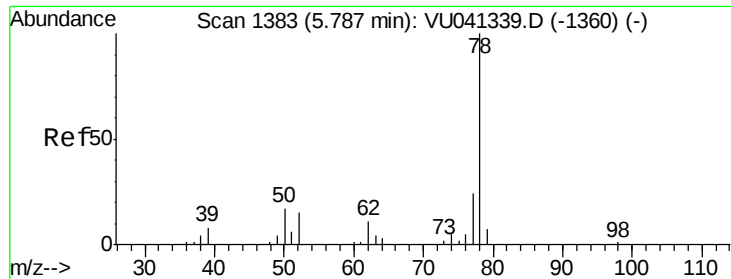
#25
Chloroform
Concen: 0.072 ug/L
RT: 5.10 min Scan# 1170
Delta R.T. 0.00 min
Lab File: VU041340.D
Acq: 19 Nov 2020 13:48

Tgt Ion: 83 Resp: 735
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU0
Ion 85.00 (84.70 to 85.70): VU0

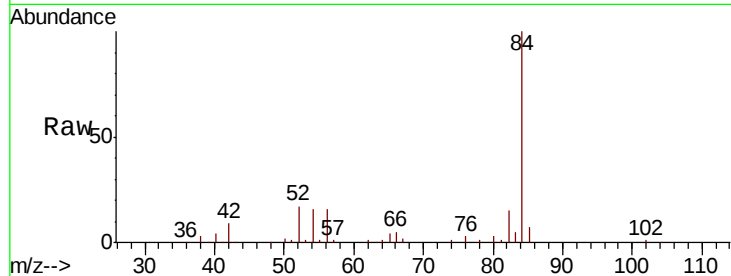




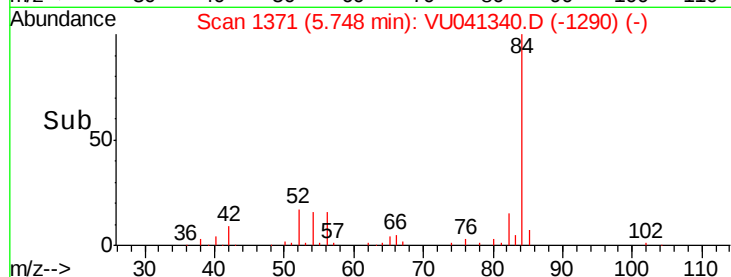
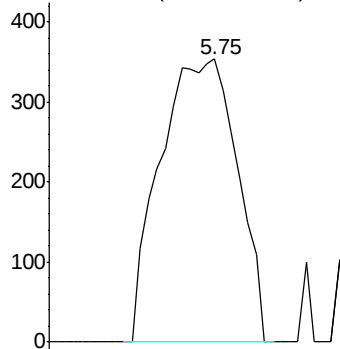
#33
Benzene
Concen: 0.040 ug/L
RT: 5.75 min Scan# 1371
Delta R.T. -0.04 min
Lab File: VU041340.D
Acq: 19 Nov 2020 13:48

Instrument :
MSVOA_U
ClientSampled :
VBLK26

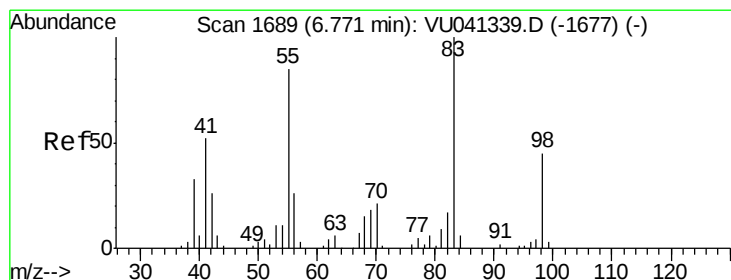
Tgt Ion: 78 Resp: 735



Abundance Ion 78.10 (77.80 to 78.80): VU0

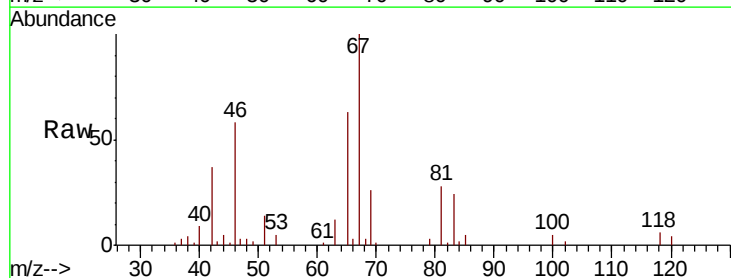


Time-->



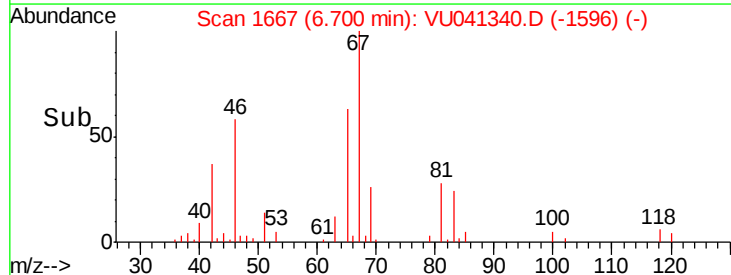
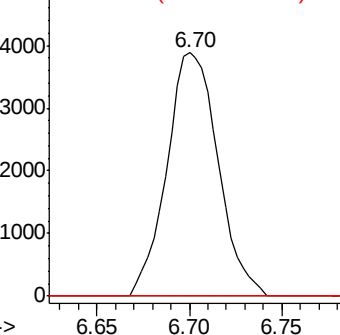
#35
Methylcyclohexane
Concen: 1.136 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041340.D
Acq: 19 Nov 2020 13:48

Tgt Ion: 83 Resp: 7434
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.6 36.6 55.0#

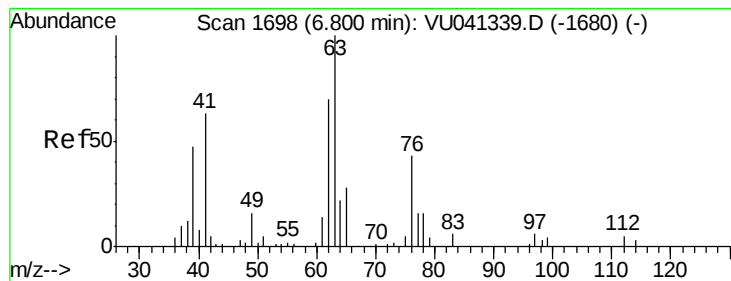


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0



Time-->



#37

1,2-Dichloropropane

Concen: 0.727 ug/L

RT: 6.70 min Scan# 1668

Delta R.T. -0.10 min

Lab File: VU041340.D

Acq: 19 Nov 2020 13:48

Instrument :

MSVOA_U

ClientSampleId :

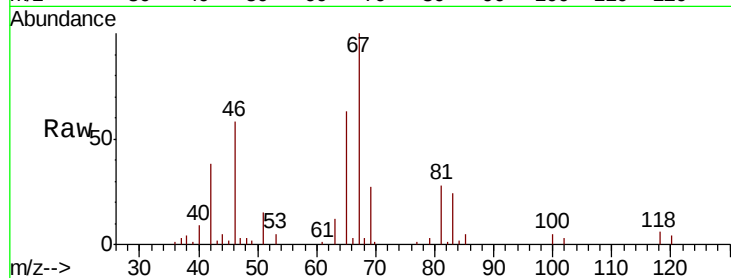
VBLK26

Tot Ion: 63 Resp: 3874

Ion Ratio Lower Upper

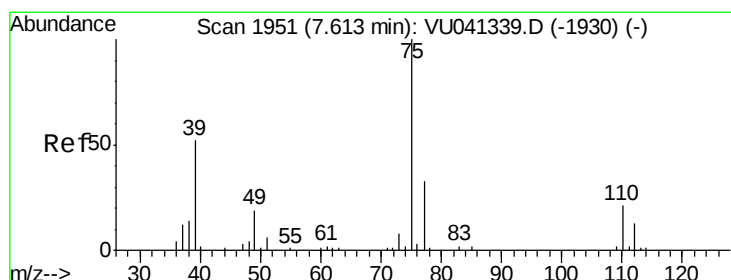
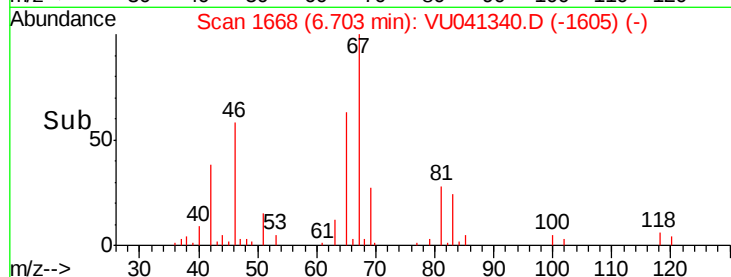
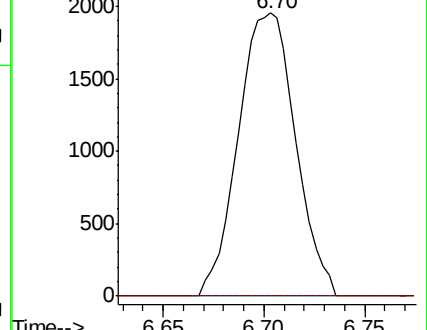
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU041339.D (-1680) (-)

Ion 112.10 (111.80 to 112.80): VU041339.D (-1680) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.119 ug/L

RT: 7.57 min Scan# 1938

Delta R.T. -0.04 min

Lab File: VU041340.D

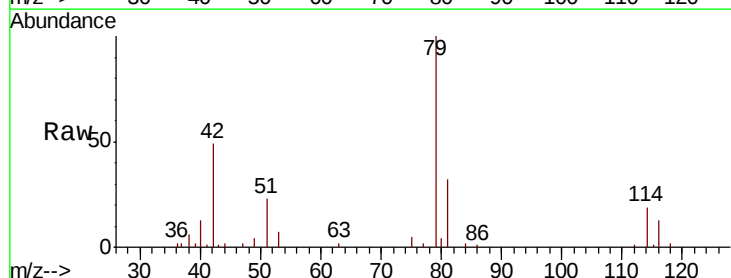
Acq: 19 Nov 2020 13:48

Tgt Ion: 75 Resp: 882

Ion Ratio Lower Upper

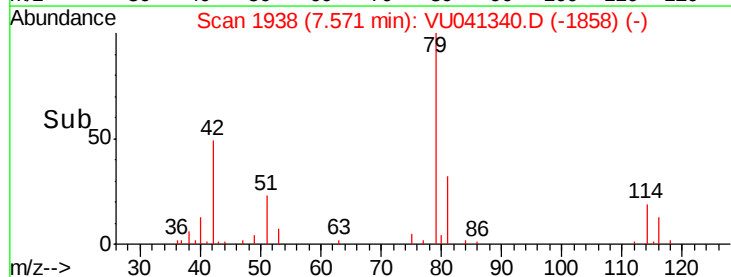
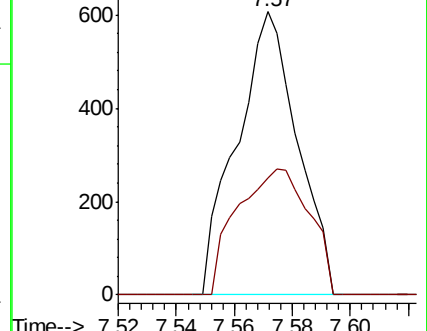
75 100

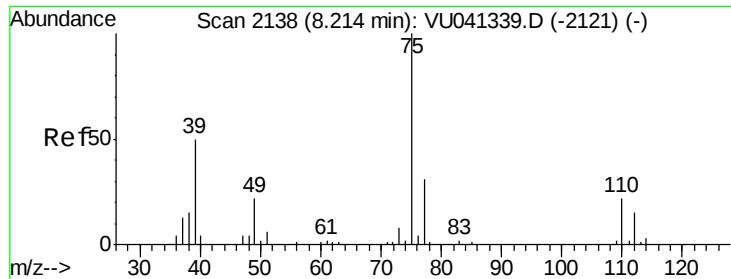
77 41.2 22.7 42.3



Abundance Ion 75.05 (74.75 to 75.75): VU041339.D (-1930) (-)

Ion 77.05 (76.75 to 77.75): VU041339.D (-1930) (-)





#44

trans-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 8.19 min Scan# 2130

Delta R.T. -0.03 min

Lab File: VU041340.D

Acq: 19 Nov 2020 13:48

Instrument :

MSVOA_U

ClientSampleId :

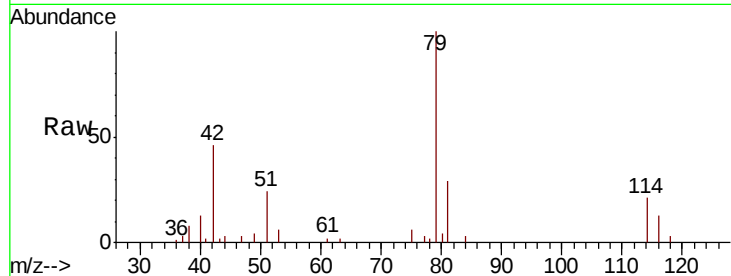
VBLK26

Tot Ion: 75 Resp: 613

Ion Ratio Lower Upper

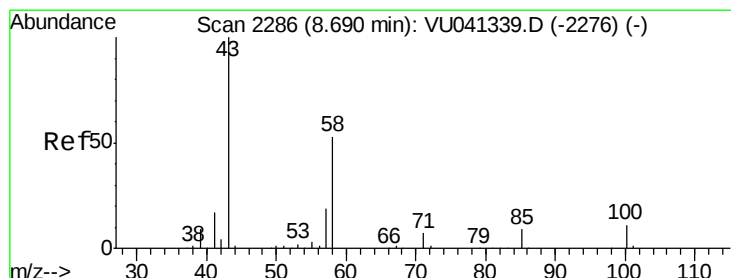
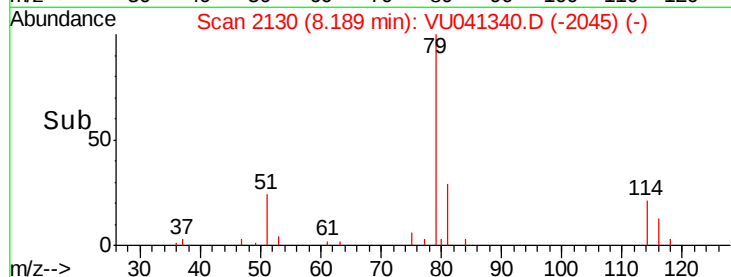
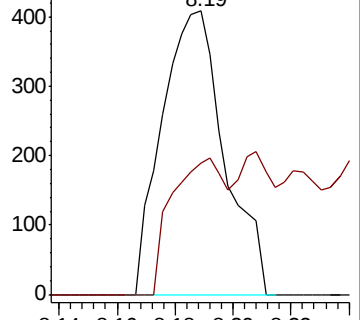
75 100

77 46.6 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 0.607 ug/L

RT: 8.69 min Scan# 2286

Delta R.T. 0.00 min

Lab File: VU041340.D

Acq: 19 Nov 2020 13:48

Tgt Ion: 43 Resp: 1998

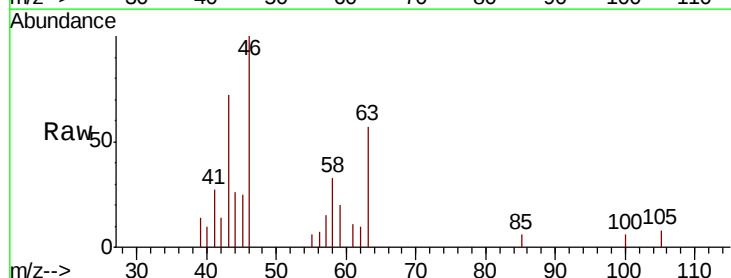
Ion Ratio Lower Upper

43 100

58 56.2 41.4 62.2

57 23.3 14.6 21.8#

100 5.8 8.3 12.5#

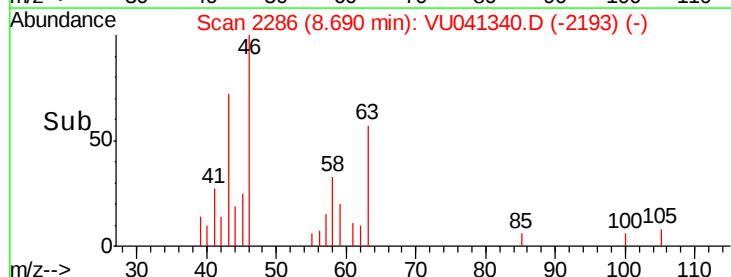
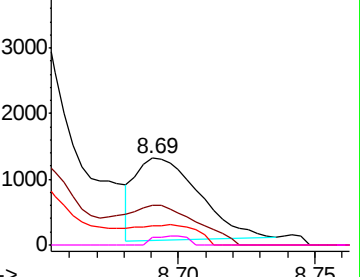


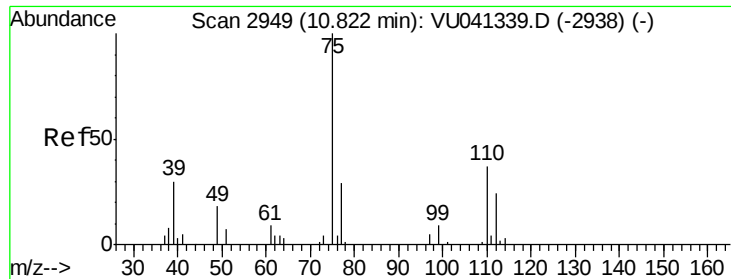
Abundance Ion 43.05 (42.75 to 43.75): VU0

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

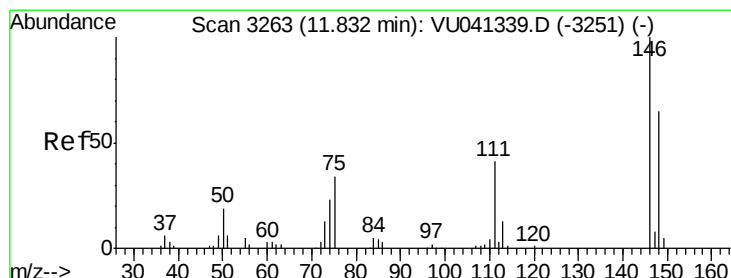
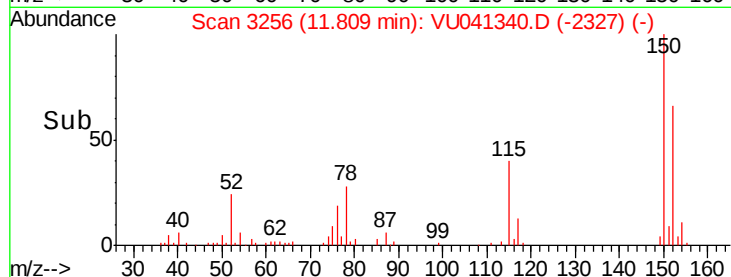
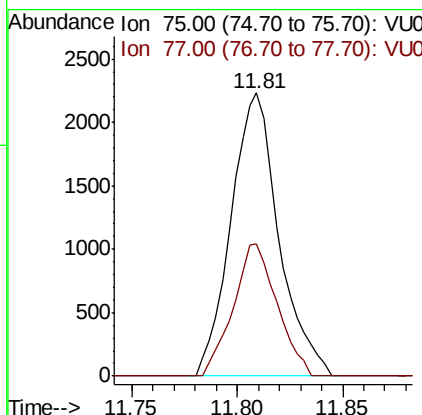
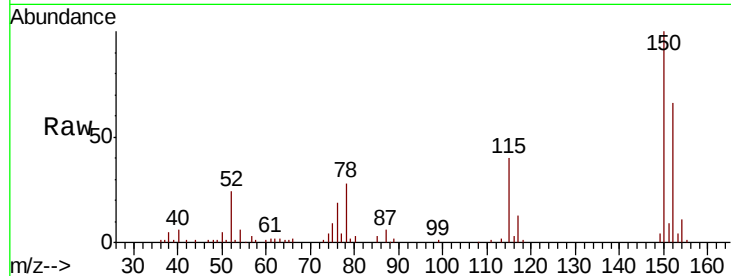




#59
 1,2,3-Trichloropropane
 Concen: 0.837 ug/L
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.99 min
 Lab File: VU041340.D
 Acq: 19 Nov 2020 13:48

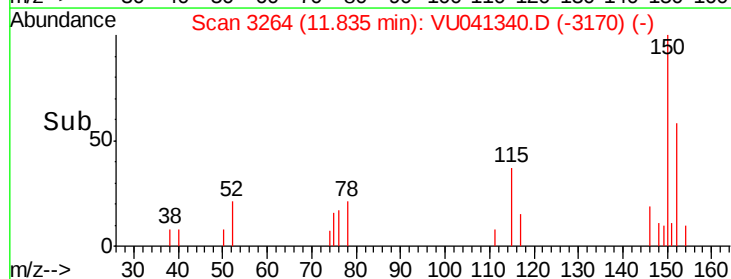
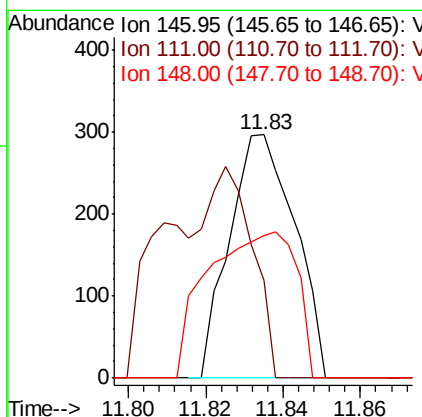
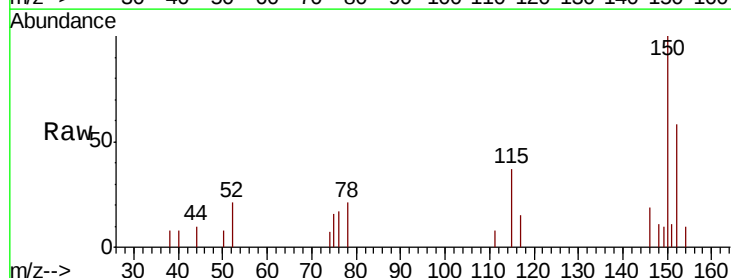
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK26

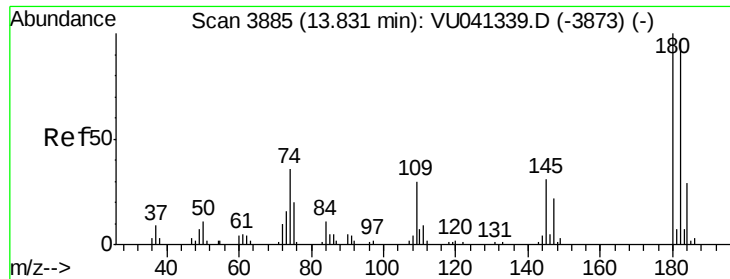
Tot Ion: 75 Resp: 3517
 Ion Ratio Lower Upper
 75 100
 77 42.8 25.7 38.5#



#63
 1,4-Dichlorobenzene
 Concen: 0.041 ug/L
 RT: 11.83 min Scan# 3264
 Delta R.T. 0.00 min
 Lab File: VU041340.D
 Acq: 19 Nov 2020 13:48

Tgt Ion: 146 Resp: 349
 Ion Ratio Lower Upper
 146 100
 111 40.1 28.3 52.7
 148 58.6 44.2 82.2

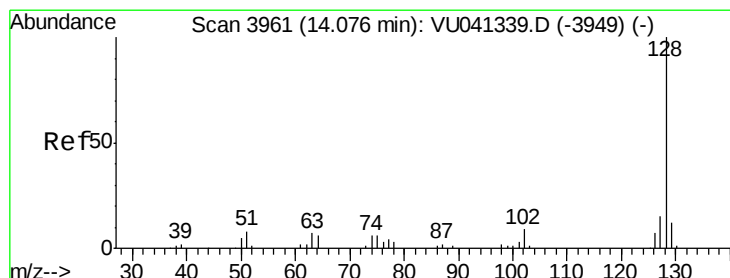
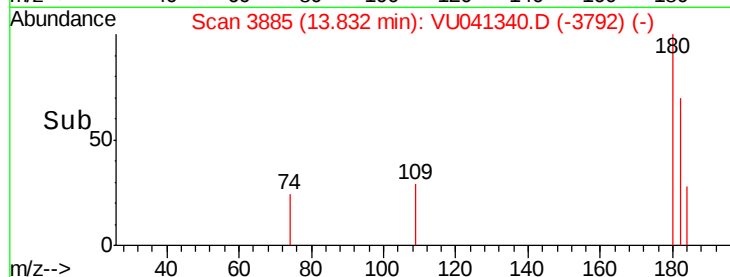
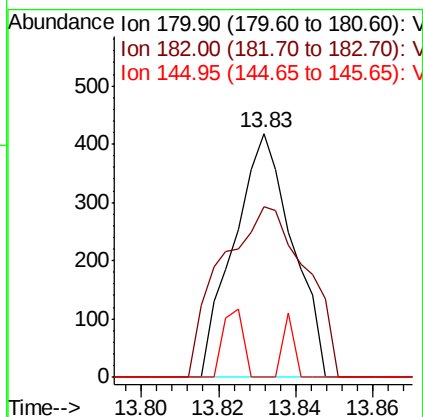
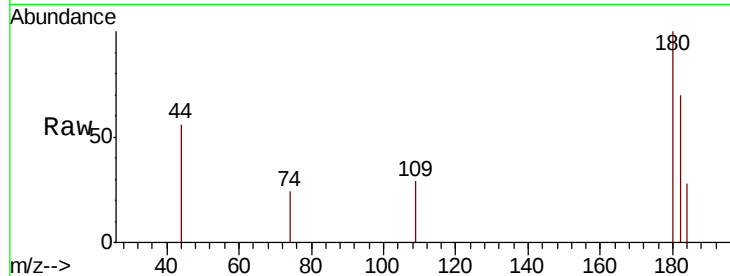




#68
 1,2,4-trichlorobenzene
 Concen: 0.091 ug/L
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU041340.D
 Acq: 19 Nov 2020 13:48

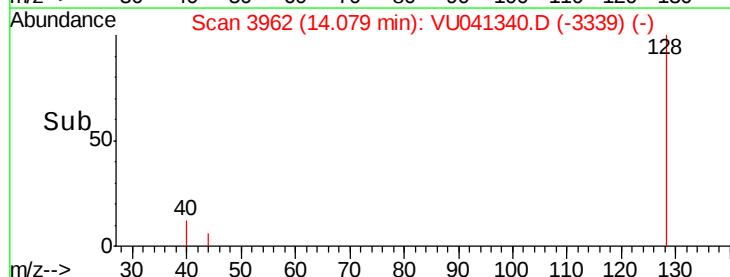
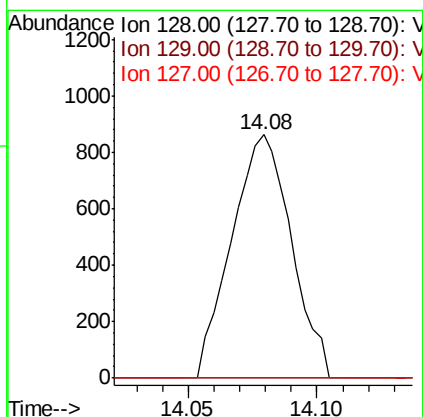
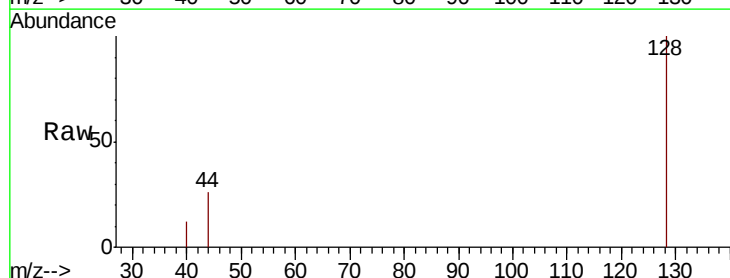
Instrument :
 MSVOA_U
 ClientSampled :
 VBLK26

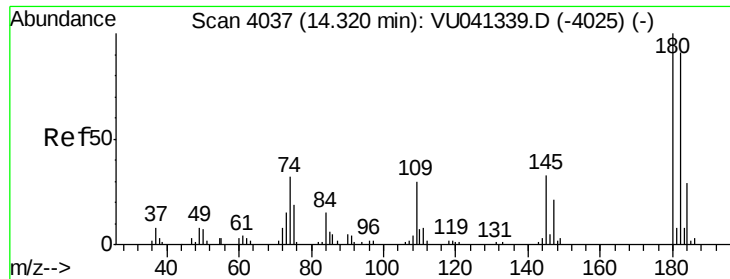
Tot Ion:180 Resp: 439
 Ion Ratio Lower Upper
 180 100
 182 101.4 73.5 110.3
 145 4.8 26.6 40.0#



#69
 Naphthalene
 Concen: 0.178 ug/L
 RT: 14.08 min Scan# 3962
 Delta R.T. 0.00 min
 Lab File: VU041340.D
 Acq: 19 Nov 2020 13:48

Tgt Ion:128 Resp: 1393
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.7 13.1#
 127 0.0 10.8 16.2#





#70

1,2,3-Trichlorobenzene

Concen: 0.104 ug/L

RT: 14.32 min Scan# 4038

Delta R.T. 0.00 min

Lab File: VU041340.D

Acq: 19 Nov 2020 13:48

Instrument :

MSVOA_U

ClientSampleId :

VBLK26

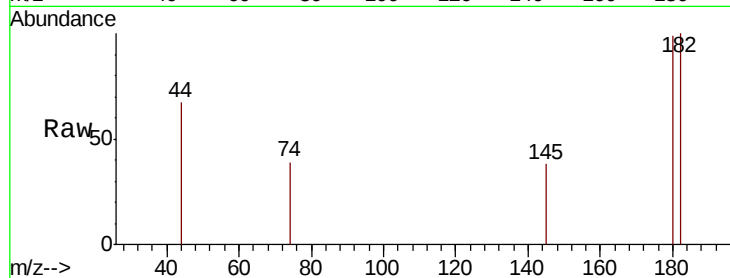
Tot Ion:180 Resp: 467

Ion Ratio Lower Upper

180 100

182 94.0 77.7 116.5

145 37.0 29.4 44.0



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

