

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041136.D
 Acq On : 09 Nov 2020 13:31
 Operator : SY/MD
 Sample : L4646-03MS
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0F9MS

Quant Time: Nov 10 01:11:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	56792	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	58895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	24924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16569	3.47	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.40%
7) Chloroethane-d5	1.92	69	15515	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	38186	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.65	46	81895	52.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.24%
24) Chloroform-d	5.08	84	41478	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	27508	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.74	84	72045	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.70	67	25773	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	58322	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
43) trans-1,3-Dichloropropene-	8.19	79	10287	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	59331	49.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.14%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	23688	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	25618	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.57	101	244	0.057	ug/L #	1
12) 1,1-Dichloroethene	2.59	96	20539	5.120	ug/L	97
13) Acetone	2.66	43	3269	3.043	ug/L	68
22) cis-1,2-Dichloroethene	4.68	96	3427	0.815	ug/L	95
25) Chloroform	5.11	83	605	0.074	ug/L	88
27) 1,2-Dichloroethane	5.78	62	1030	0.169	ug/L #	74
33) Benzene	5.79	78	93419	5.309	ug/L	100
34) Trichloroethene	6.55	95	38856	8.676	ug/L	98
35) Methylcyclohexane	6.70	83	6256	0.937	ug/L #	13
37) 1,2-Dichloropropane	6.71	63	3175	0.667	ug/L #	86
39) cis-1,3-Dichloropropene	7.57	75	682	0.104	ug/L #	74
42) Toluene	7.98	91	92428	5.180	ug/L	98
44) trans-1,3-Dichloropropene	8.18	75	412	0.067	ug/L #	53
51) Chlorobenzene	9.45	112	63030	5.570	ug/L	98
59) 1,2,3-Trichloropropane	11.81	75	3525	0.993	ug/L	91

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 10 01:04:12 2020
Response via : Initial Calibration

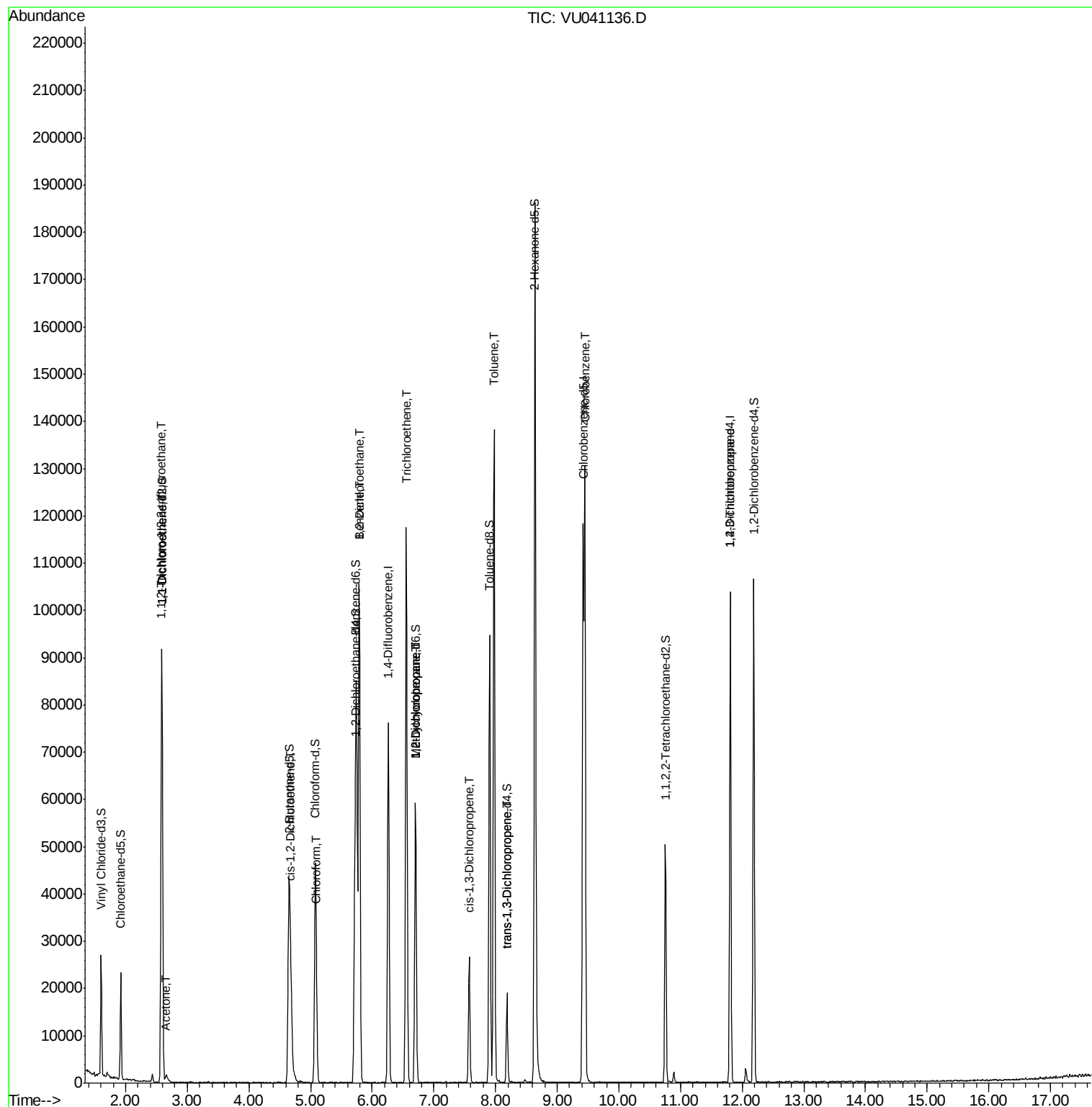
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

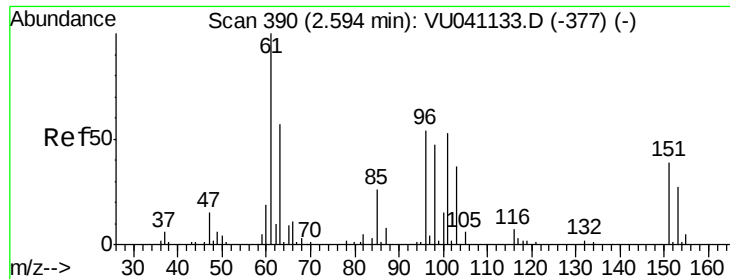
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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Response via : Initial Calibration





#10

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

Concen: 0.057 ug/L

RT: 2.57 min Scan# 384

Delta R.T. -0.02 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MS

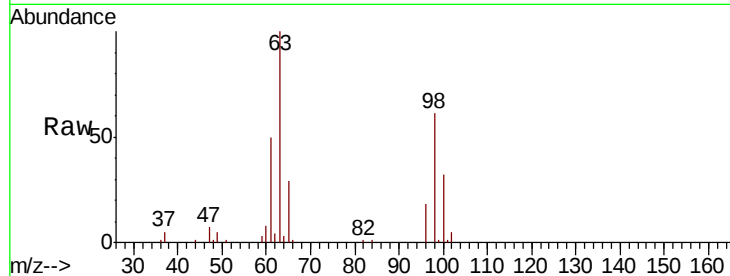
Tot Ion:101 Resp: 244

Ion Ratio Lower Upper

101 100

85 300.0 35.0 52.4#

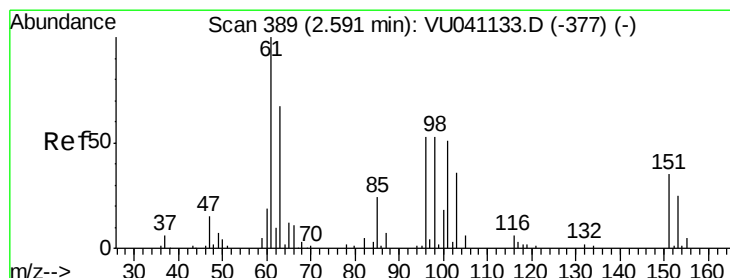
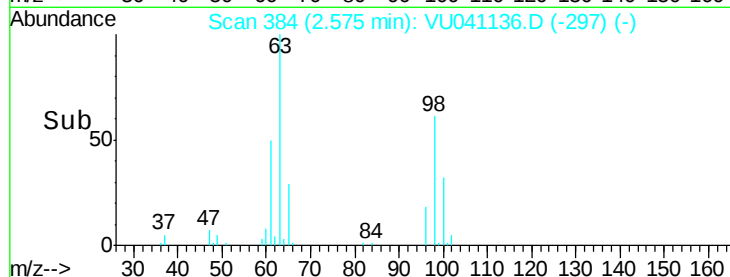
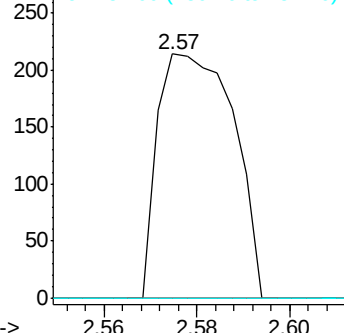
151 0.0 55.3 82.9#



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: 5.120 ug/L

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

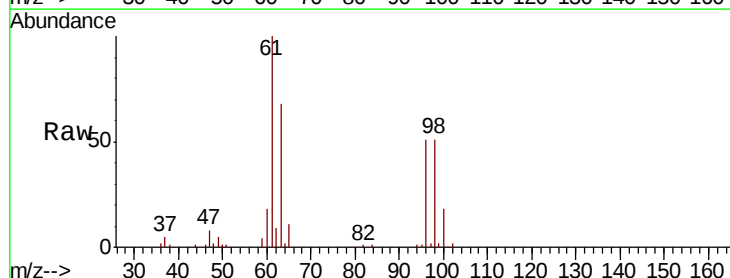
Tgt Ion: 96 Resp: 20539

Ion Ratio Lower Upper

96 100

61 196.2 134.3 249.5

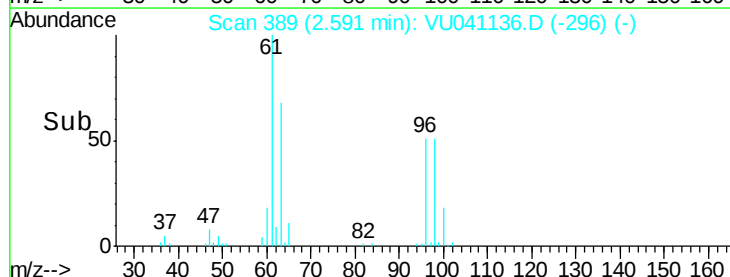
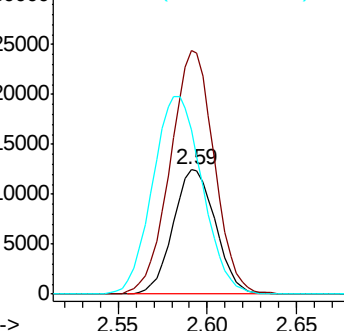
63 132.8 95.0 176.4

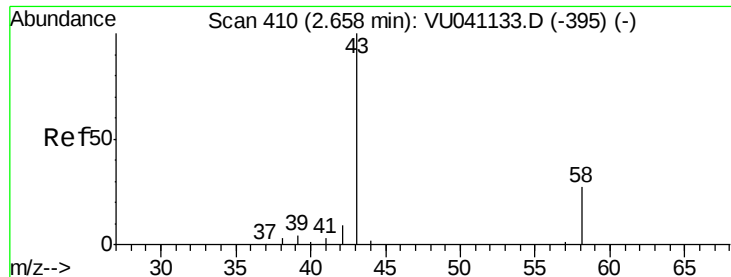


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 3.043 ug/L

RT: 2.66 min Scan# 410

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

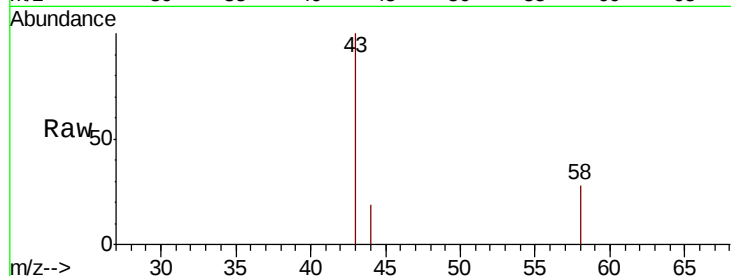
GB0F9MS

Tot Ion: 43 Resp: 3269

Ion Ratio Lower Upper

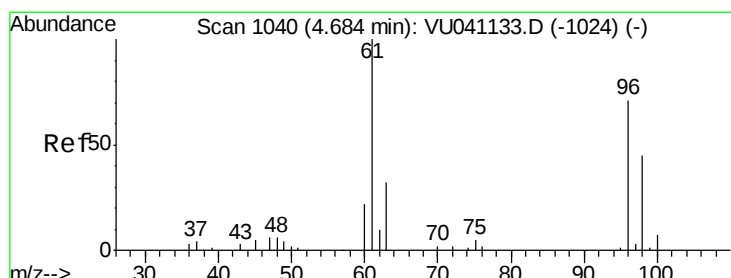
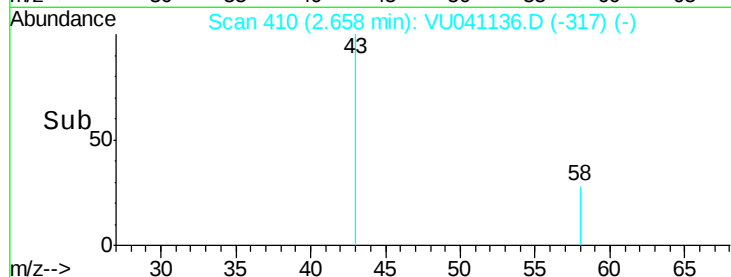
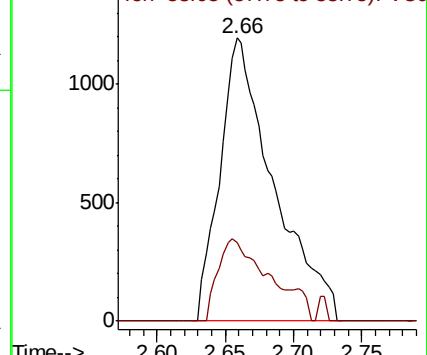
43 100

58 25.1 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#22

cis-1,2-Dichloroethene

Concen: 0.815 ug/L

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

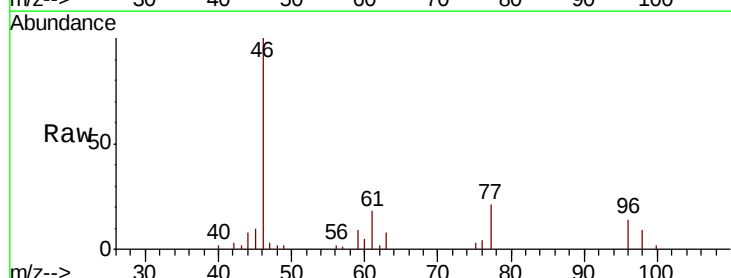
Tgt Ion: 96 Resp: 3427

Ion Ratio Lower Upper

96 100

61 132.2 97.2 180.4

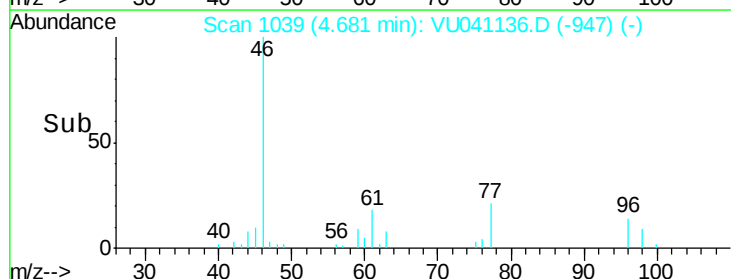
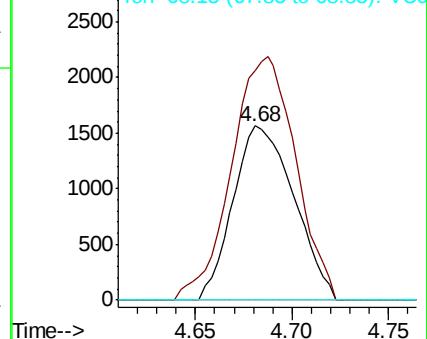
68 0.0 0.0 0.0

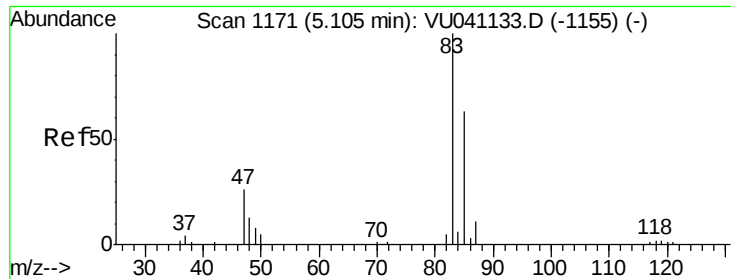


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0

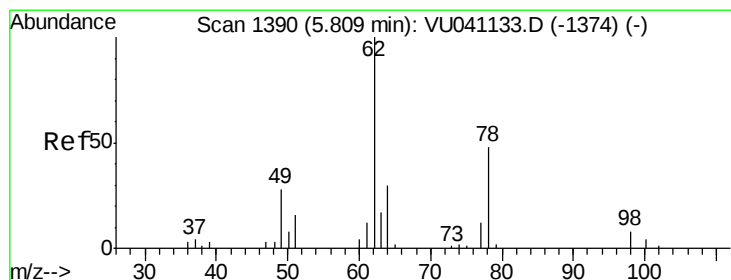
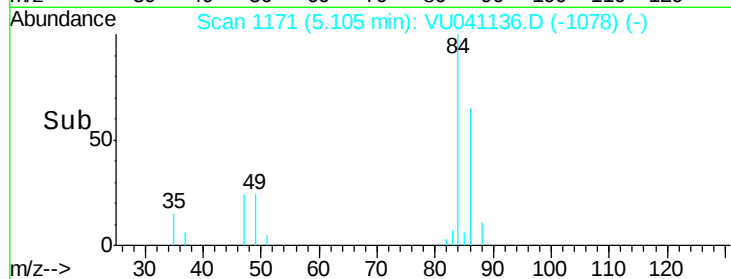
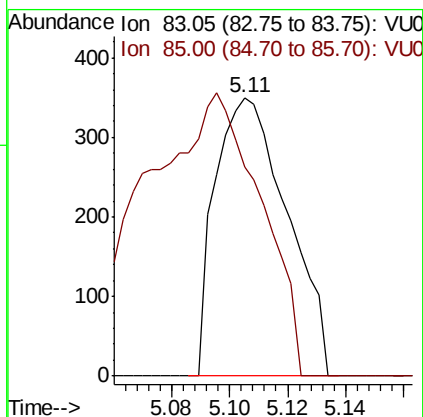
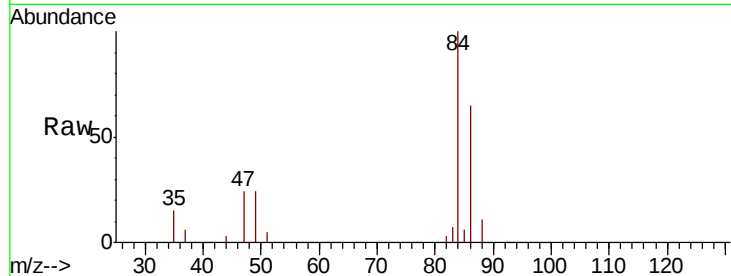




#25
Chloroform
Concen: 0.074 ug/L
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU041136.D
Acq: 09 Nov 2020 13:31

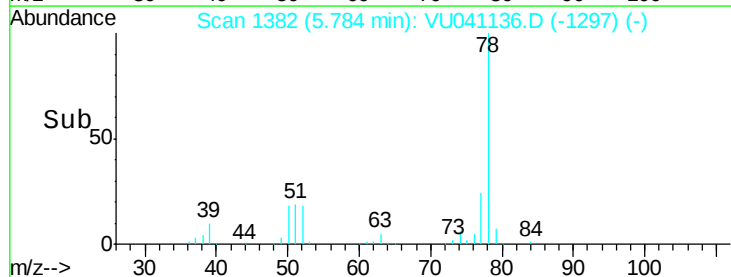
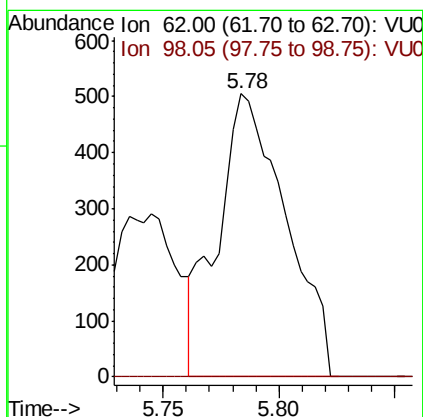
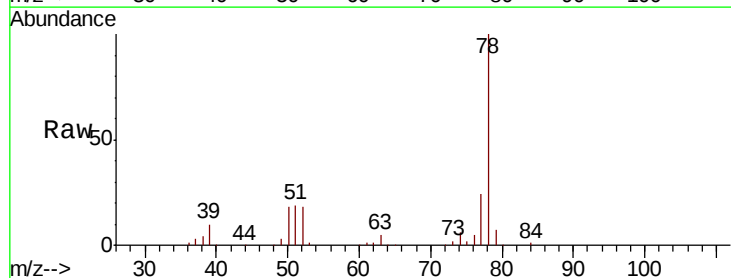
Instrument :
MSVOA_U
ClientSampleId :
GB0F9MS

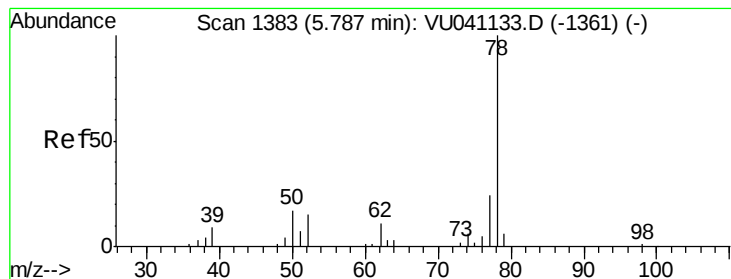
Tot Ion: 83 Resp: 605
Ion Ratio Lower Upper
83 100
85 75.1 46.1 85.7



#27
1,2-Dichloroethane
Concen: 0.169 ug/L
RT: 5.78 min Scan# 1382
Delta R.T. -0.03 min
Lab File: VU041136.D
Acq: 09 Nov 2020 13:31

Tgt Ion: 62 Resp: 1030
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#





#33

Benzene

Concen: 5.309 ug/L

RT: 5.79 min Scan# 1384

Delta R.T. 0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

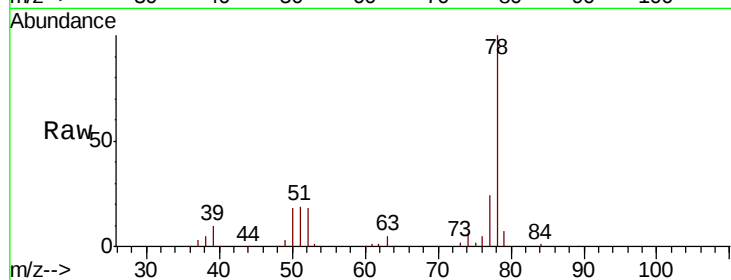
Instrument :

MSVOA_U

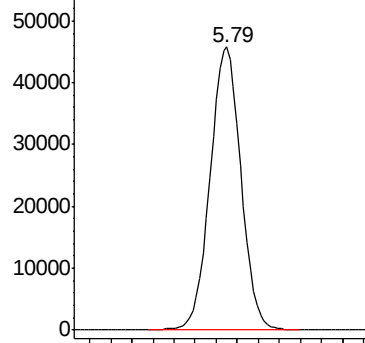
ClientSampleId :

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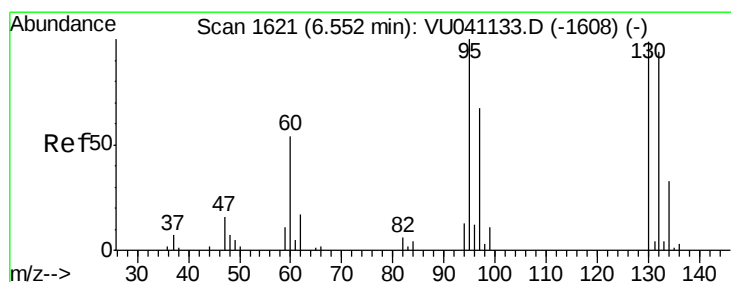
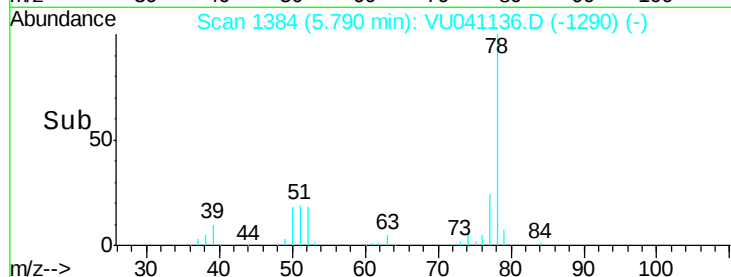
Tgt Ion: 78 Resp: 93419



Abundance Ion 78.10 (77.80 to 78.80): VU0



Time-->



#34

Trichloroethene

Concen: 8.676 ug/L

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Tgt Ion: 95 Resp: 38856

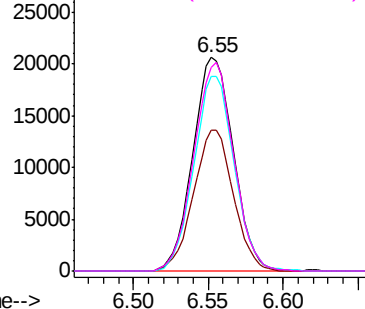
Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.6
132	91.2	64.8	120.4
130	95.4	64.8	120.4

Abundance Ion 95.00 (94.70 to 95.70): VU0

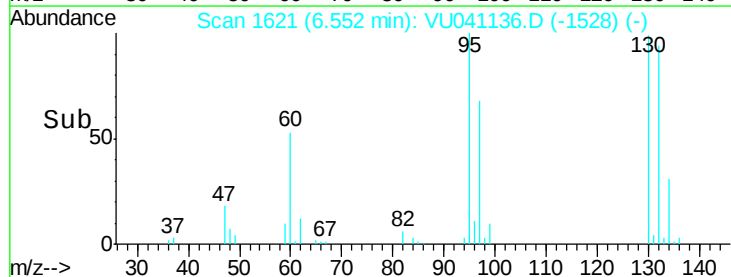
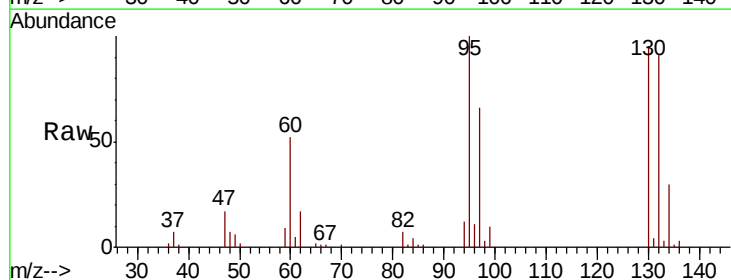
Ion 96.95 (96.65 to 97.65): VU0

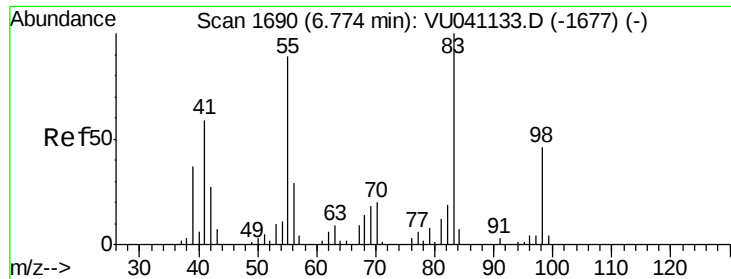
Ion 131.95 (131.65 to 132.65): VU0

Ion 129.95 (129.65 to 130.65): VU0



Time-->

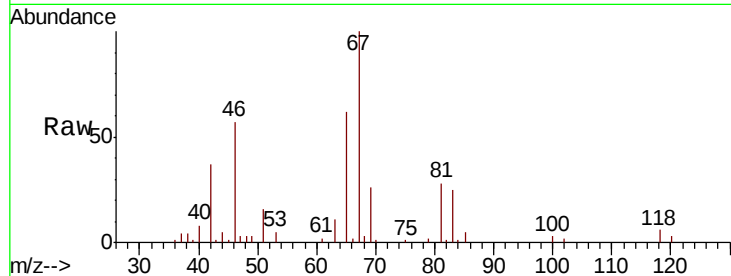




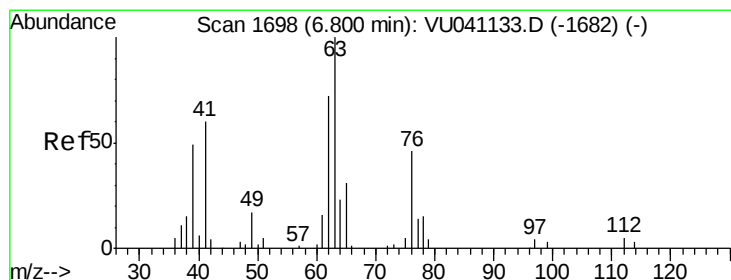
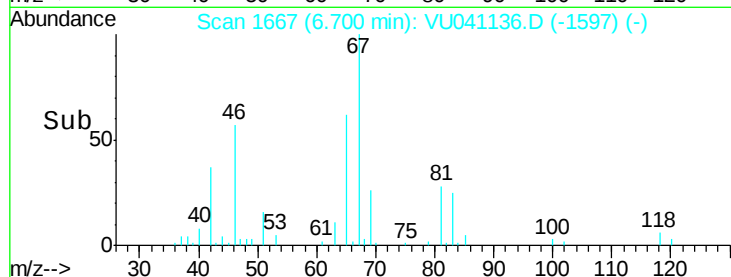
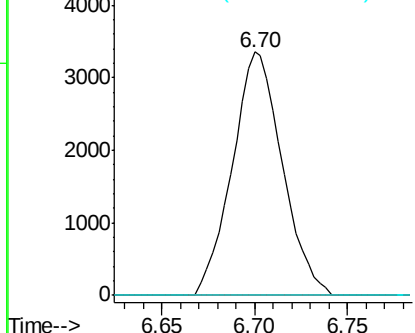
#35
Methvlcvclohexane
Concen: 0.937 ug/L
RT: 6.70 min Scan# 1667
Delta R.T. -0.07 min
Lab File: VU041136.D
Acq: 09 Nov 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
GB0F9MS

Tot Ion: 83 Resp: 6256
Ion Ratio Lower Upper
83 100
55 0.0 72.0 108.0#
98 0.0 36.6 55.0#

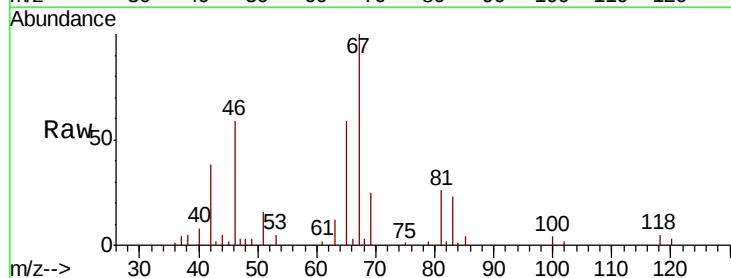


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

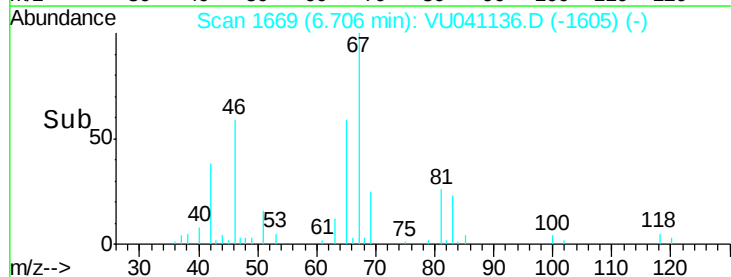
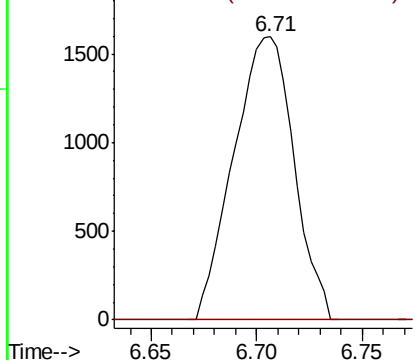


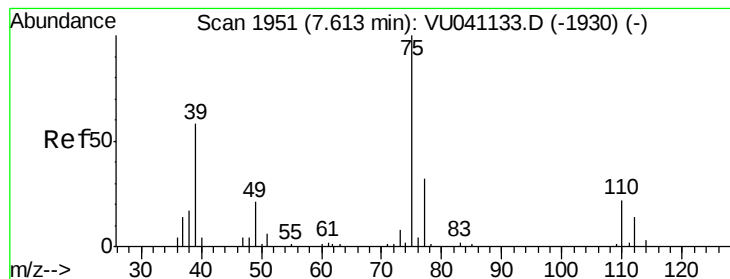
#37
1,2-Dichloropropane
Concen: 0.667 ug/L
RT: 6.71 min Scan# 1669
Delta R.T. -0.09 min
Lab File: VU041136.D
Acq: 09 Nov 2020 13:31

Tgt Ion: 63 Resp: 3175
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V



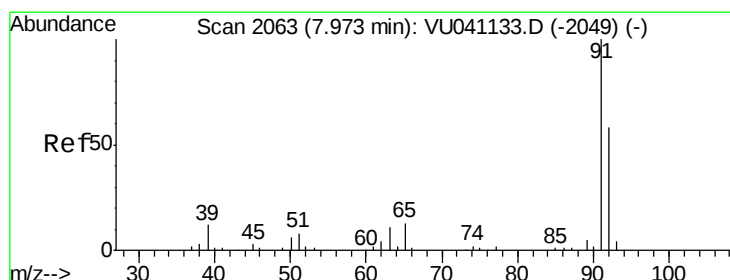
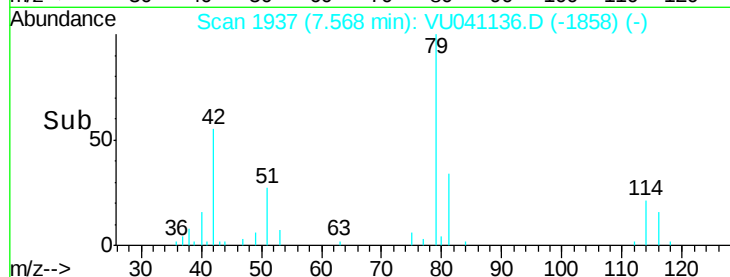
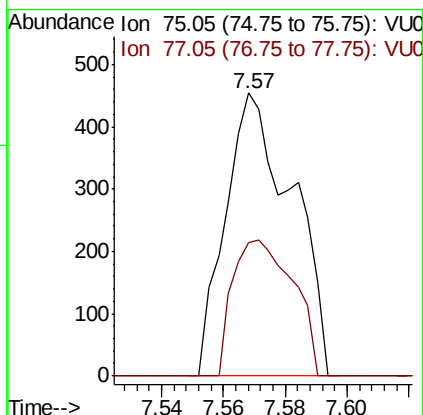
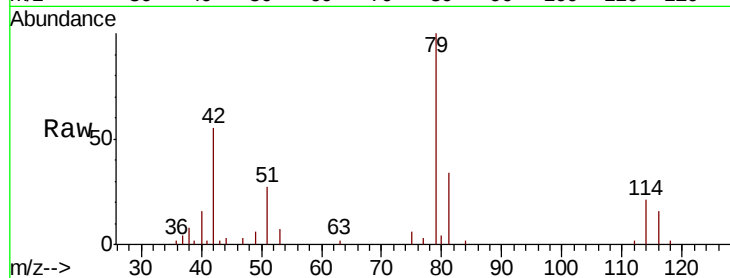


#39

cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 7.57 min Scan# 1937
Delta R.T. -0.05 min
Lab File: VU041136.D
Acq: 09 Nov 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
GB0F9MS

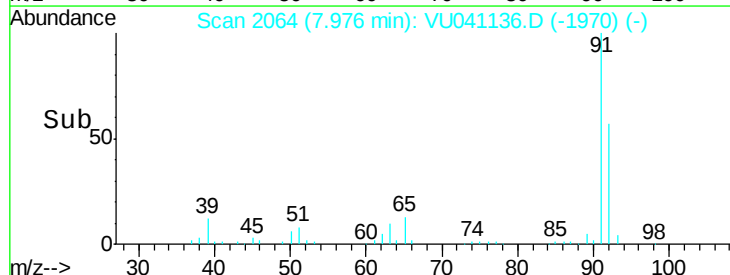
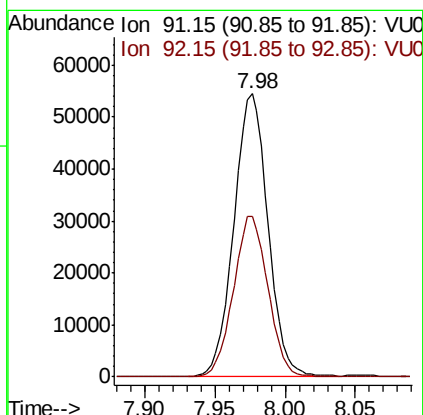
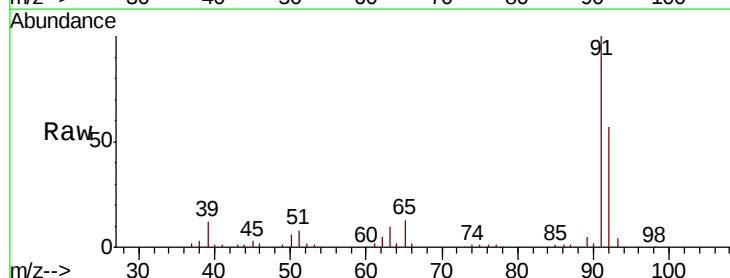
Tot Ion: 75 Resp: 682
Ion Ratio Lower Upper
75 100
77 47.1 22.7 42.3#

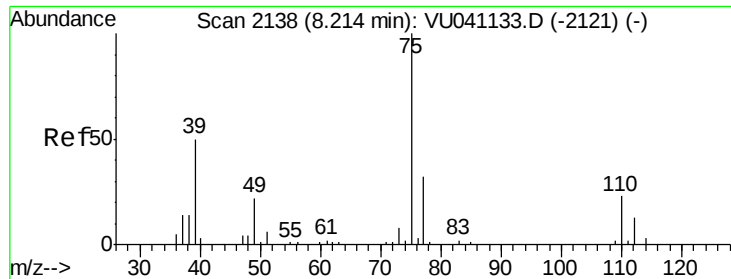


#42

Toluene
Concen: 5.180 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041136.D
Acq: 09 Nov 2020 13:31

Tgt Ion: 91 Resp: 92428
Ion Ratio Lower Upper
91 100
92 56.9 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 8.18 min Scan# 2128

Delta R.T. -0.03 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

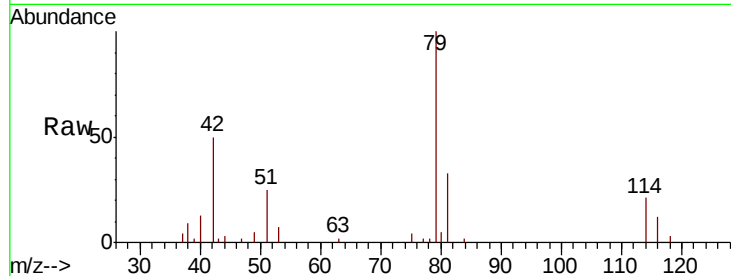
GB0F9MS

Tot Ion: 75 Resp: 412

Ion Ratio Lower Upper

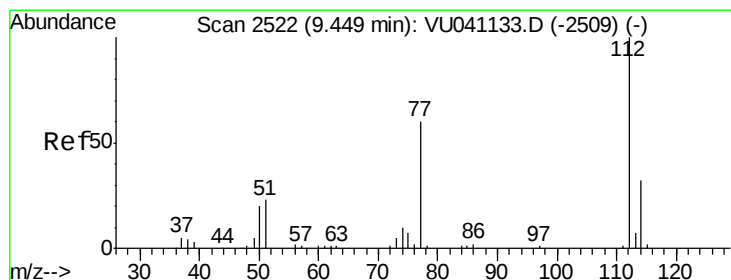
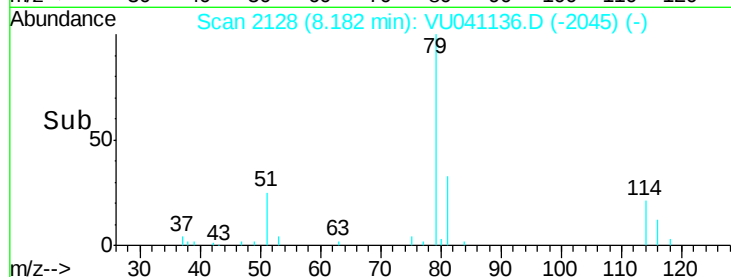
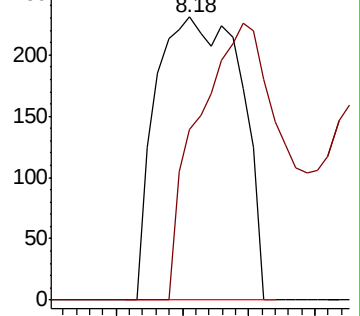
75 100

77 60.2 23.3 43.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#51

Chlorobenzene

Concen: 5.570 ug/L

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

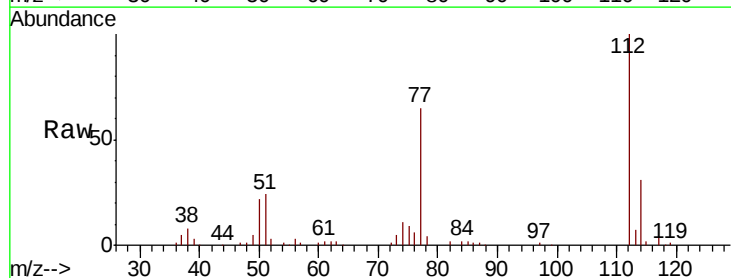
Tgt Ion: 112 Resp: 63030

Ion Ratio Lower Upper

112 100

114 31.0 22.4 41.6

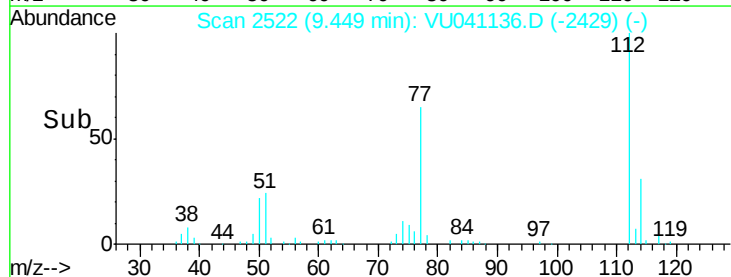
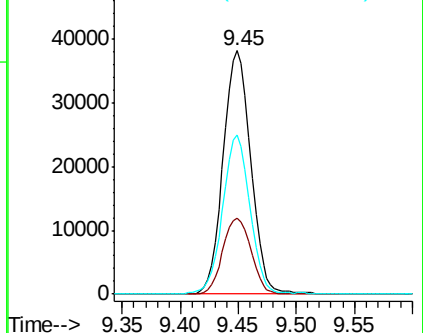
77 65.4 51.2 76.8

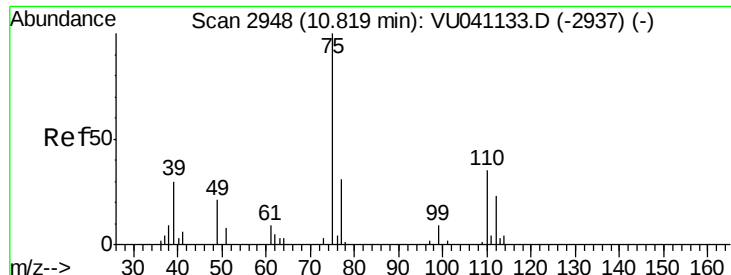


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.993 ug/L

RT: 11.81 min Scan# 3256

Delta R.T. 0.99 min

Lab File: VU041136.D

Acq: 09 Nov 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

GB0F9MS

Tot Ion: 75 Resp: 3525

Ion Ratio Lower Upper

75 100

77 37.0 25.7 38.5

